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UNIVERSITY OF ILLINOIS

TRANSACTIONS
OF THE
BOARD OF TRUSTEES

July 1, 1960, to June 30, 1962

A. J. JANATA
Secretary

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BOARD OF TRUSTEES

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(Term 1959-65)

HOWARD W. CLEMENT, First National Bank Building, 38 South Dearborn Street,
Chicago 3

RICHARD A. HAREWOOD, 733 East Seventy-fifth Street, Chicago 19

HAROLD POGUE, 705 North Oakland Avenue, Decatur

(Term 1961-67)

IRVING DILLIARD, 407 Crestwood Drive, Collinsville

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KENNEY E. WILLIAMSON, Sixth Floor, Lehmann Building, Peoria 2

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

July 26, 1960



The July meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Tuesday, July 26, 1960, beginning at 9:30 a.m.

The following members of the Board were present: Mr. Richard A. Harewood, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson, Mr. Howard W. Clement, Mr. Wirt Herrick, and Governor William G. Stratton were absent.

Also present were President David D. Henry, Vice-President and Provost Lyle H. Lanier, Dr. Joseph S. Begando, Assistant to the President and Acting Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Mr. Ralph F. Lesemann, Legal Counsel, Professor Norman A. Parker, Chairman of the University's Building Program Committee, Mr. C. E. Flynn, Director of Public Information, Dr. Edward F. Lis, Director of the Division of Services for Crippled Children, Associate Dean Gibbon Butler of the College of Liberal Arts and Sciences; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on February 24, March 16, and April 20, 1960, press proof copies of which had previously been sent to the Board.

On motion of Mr. Johnston, the minutes were approved as printed on pages 1161 to 1274, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

APPOINTMENT OF DEAN OF THE COLLEGE OF EDUCATION

(1) Following the death last year of Dean B. L. Dodds of the College of Education, a search committee was appointed to make recommendations for the deanship of the College. In the meantime, Professor Charles M. Allen, Coordinator of the Council on Teacher Education and Associate Dean of the College, has been serving as Acting Dean.

The Committee is not prepared to recommend a continuing appointment at this time and prefers to suggest for a two-year term a nationally known and experienced administrator who is near retirement. This arrangement will make possible the handling of the immediate business of the College with dispatch and confidence and the initiation of preliminary steps in long-range planning, pending the renewal of the search for a long-term appointee.

Accordingly, on recommendation of the search committee and after consultation with the Executive Committee of the College, the Vice-President and Provost, and the Dean of the Graduate College, I recommend the appointment of Dr. Alonzo G. Grace, presently Associate Dean of the School of Education of New York University, as Dean of the College of Education for two years from September 1, 1960, at a salary of \$22,000 a year (of which \$2,000 represents additional compensation to be paid in lieu of his participation in the University Retirement System of Illinois) on "Y" basis.

Dr. Grace was scheduled to retire from New York University in August, 1961, at age sixty-five. The appointment here will prolong his professional service in a position of leadership and importance to higher education as well as to the University of Illinois.

On motion of Mr. Johnston, this appointment was approved.

ACTING VICE-PRESIDENT IN CHARGE OF THE CHICAGO PROFESSIONAL COLLEGES

(2) Pending a permanent appointment to the position of Vice-President in charge of the Chicago Professional Colleges, Joseph S. Begando, Assistant to the President, has been designated to serve as Acting Vice-President in Chicago effective as of June 20, 1960, and continuing until further notice.

Official confirmation is requested.

On motion of Mrs. Watkins, this appointment was confirmed.

HEADSHIP OF DEPARTMENT OF PHYSIOLOGY

(3) Professor Robert E. Johnson, Head of the Department of Physiology in the College of Liberal Arts and Sciences, has asked to be relieved of the headship of the Department in order that he may devote more time to his work as Director of the University Honors Program. It is recommended that his request be granted.

A search committee on the headship of the Department and the Dean of the College of Liberal Arts and Sciences recommend the appointment of Professor C. Ladd Prosser, a member of the Department faculty for many years, as Head of the Department of Physiology beginning September 1, 1960, at an annual salary of \$15,000.

This recommendation has been made after consultation with all members of the Department of professorial rank, the Executive Committee of the School of Life Sciences, and the Executive Committee of the College, all groups en-

thusiastically concurring in the nomination. The Vice-President and Provost and the Dean of the Graduate College also concur.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

HEADSHIP OF DEPARTMENT OF MICROBIOLOGY

(4) The Director of the School of Life Sciences and the Dean of the College of Liberal Arts and Sciences recommend the appointment of Kimball Chase Atwood, presently Associate Professor of Medical Genetics at the University of Chicago, as Professor of Microbiology on indefinite tenure and Head of the Department of Microbiology beginning August 1, 1960, at an annual salary of \$18,000 on "A" basis. This appointment is to fill the vacancy created by the appointment of Professor H. O. Halvorson, former Head of the Department, as Director of the School of Life Sciences.

The members of the Department of professorial rank and the Executive Committee of the School have been consulted. The Vice-President and Provost and the Dean of the Graduate College concur.

I recommend approval.

On motion of Mr. Harewood, this appointment was approved.

APPOINTMENT OF ASSISTANT TO DEAN OF ADMISSIONS AND RECORDS

(5) On recommendation of the Dean of Admissions and Records, I have approved the appointment of Frank A. Bridgewater, presently Director of the Division of Special Services for War Veterans, as Assistant to the Dean of Admissions and Records for one year from September 1, 1960, at a salary of \$11,000 on "Y" basis.

On motion of Mr. Swain this appointment was confirmed.

APPOINTMENTS TO THE FACULTY

(6) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. ERIC BAER, Assistant Professor of Chemical Engineering, beginning September 1, 1960, at an annual salary of \$6,800 (B).
2. WILLIAM BERKOW, Assistant Professor of General Engineering, beginning September 1, 1960, at an annual salary of \$7,000 (B).
3. MARTIN I. BLAKE, Associate Professor of Pharmacy, beginning September 1, 1960, at an annual salary of \$11,000 (AY).
4. EDWARD M. BRUNER, Associate Professor of Anthropology, beginning September 1, 1961, at an annual salary of \$9,000 (A).
5. MORTON KREMEN BRUSSEL, Research Assistant Professor of Physics, beginning June 10, 1960, at an annual salary of \$9,000 (DY).
6. JACQUES COLLIN, Assistant Professor of Architecture, beginning September 1, 1960, at an annual salary of \$7,500 (D).
7. NORMAN DAVENPORT DAY, Assistant Professor of Architecture, beginning September 1, 1960, at an annual salary of \$7,000 (D).
8. THEODORE DELEVORYAS, Associate Professor of Botany, for two months from July 1, 1960, at a salary of \$1,933 (G); and beginning September 1, 1960, at an annual salary of \$8,700 (B).
9. PIERRE DEMARQUE, Assistant Professor of Astronomy, beginning September 1, 1960, at an annual salary of \$7,500 (B).
10. ELIZABETH Y. DERAN, Research Assistant Professor in the Bureau of Economic and Business Research, beginning September 1, 1960, at an annual salary of \$7,800 (DY).
11. JOHN JAMES DESMOND, Assistant Director of the Coordinated Science Laboratory, beginning September 1, 1960, at an annual salary of \$13,000 (DY).
12. CLARA DODSON, Assistant Professor of Home Furnishings, in Home Economics Extension, beginning July 1, 1960, at an annual salary of \$7,350 (DY).
13. HARRY M. DOUTY, Visiting Professor of Labor and Industrial Relations, for the second semester of 1960-61, at a salary of \$6,500 (E).

14. WILLIAM ENG, Assistant Professor of Architecture, beginning September 1, 1960, at an annual salary of \$9,000 (D).
15. ALICE MARCELLA FAY, Assistant Professor of Nursing, beginning May 1, 1960, at an annual salary of \$8,544 (DY).
16. MARK G. FIELD, Associate Professor of Sociology, beginning September 1, 1960, at an annual salary of \$13,000 (A); on leave of absence without pay during the academic year 1960-61.
17. ROBERT W. GERSTNER, Assistant Professor of Engineering, Chicago Undergraduate Division, beginning September 1, 1960, at an annual salary of \$7,600 (D).
18. SAMUEL IRVING GOLDBERG, Visiting Associate Professor of Mathematics, beginning September 1, 1960, at an annual salary of \$9,500 (D).
19. LOWELL PAUL HAGER, Assistant Professor of Biochemistry, beginning September 1, 1960, at an annual salary of \$9,000 (B).
20. LOUIS CHARLES HEBEL, JR., Visiting Assistant Professor of Physics, for the second semester of 1960-61, without salary (G).
21. KURT KLEIN, Assistant Professor of Russian, beginning September 1, 1960, at an annual salary of \$7,500 (B).
22. MERLE KLING, Visiting Professor of Political Science, for the second semester of 1960-61, at a salary of \$5,500 (E).
23. NORMAN KREITZMANN, Visiting Assistant Professor of Philosophy, for the academic year 1960-61, at a salary of \$7,000 (E).
24. BERNARD LAZERWITZ, Assistant Professor of Sociology, beginning September 1, 1960, at an annual salary of \$8,100 (D).
25. KRUNOSLAV LJOLJE, Research Assistant Professor of Physics, beginning September 1, 1960, at an annual salary of \$7,500 (DY).
26. BORIS MARGO, Visiting Professor of Art, for the first semester of 1960-61, at a salary of \$5,000 (G).
27. JOHN W. METZGER, Assistant Dean and Assistant Professor, College of Law, beginning September 1, 1960, at an annual salary of \$10,800 (DY50; DY50).
28. MARCOS MORIÑIGO, Visiting Professor of Spanish, for the academic year 1960-61, at a salary of \$10,000 (E).
29. ELWOOD OLVER, Associate Professor of Agricultural Engineering, beginning September 1, 1960, at an annual salary of \$10,000 (AY).
30. MELVIN GODFREY PARSONS, JR., Assistant Professor in the Bureau of Business Management, beginning August 1, 1960, at an annual salary of \$8,600 (BY).
31. HUBERT E. RISSE, Professor of Mineral Economics, in the Department of Mining and Metallurgical Engineering, on one-tenth time, beginning September 1, 1960, at an annual salary of \$1,200 (A10).
32. GUENTHER ROTH, Assistant Professor of Sociology, beginning September 1, 1960, at an annual salary of \$7,000 (D).
33. MARTIN P. SCHULMAN, Associate Professor of Pharmacology, in the College of Medicine, beginning September 1, 1960, at an annual salary of \$12,200 (AY).
34. ALFONSO SHIMBEL, Lecturer in Psychiatry with rank of Associate Professor, in the College of Medicine, beginning July 1, 1960, without salary (DY).
35. EDWARD SHOEMAKER, Associate Professor of Theoretical and Applied Mechanics, beginning September 1, 1960, at an annual salary of \$9,500 (D).
36. WACLAW W. SOROKA, Bibliographer with rank of Assistant Professor, Library, beginning June 1, 1960, at an annual salary of \$7,500 (DY).
37. DAVID ALDEN STOREY, Assistant Professor of Grain Marketing, in the Department of Agricultural Economics, beginning August 1, 1960, at an annual salary of \$8,500 (DY).
38. ROGER ALBERT STREHLOW, Visiting Professor of Aeronautical Engineering, for eleven months beginning August 1, 1960, at a salary of \$12,000 (G).
39. ADOLF F. STURMTHAL, Professor of Labor and Industrial Relations, beginning August 1, 1960, at an annual salary of \$14,100 (A).
40. JOHN V. TRIVETT, Visiting Associate Professor of Education, for the academic year 1960-61, at a salary of \$10,000 (E).
41. JACK TWORKOV, Visiting Professor of Art, for one month from March 15, 1961, at a salary of \$2,000 (G).
42. JOHN J. WAFFERLING, Assistant Director of the Physical Plant Department, Chicago Undergraduate Division, beginning July 1, 1960, at an annual salary of \$14,000 (DY).

43. THOR E. WOOD, Music Librarian with rank of Assistant Professor, Library, beginning September 1, 1960, at an annual salary of \$7,350 (DY).
44. WILLIAM WOODRUFF, Visiting Professor of Economics, for the academic year 1960-61, at a salary of \$9,000 (E).

Appointments to Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointments to supervisory positions of upper level responsibility.

1. KAREN R. GARNER, Assistant Food Production Manager, Illini Union, beginning June 1, 1960, at an annual salary of \$4,200.
2. EDWARD T. GRAENING, Assistant Examiner, Admissions and Records, beginning May 16, 1960, at an annual salary of \$5,400.
3. JOHN W. RICE, Hospital Administrator, McKinley Hospital, beginning June 1, 1960, at an annual salary of \$7,500.

On motion of Mr. Hughes, these appointments were confirmed.

APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(7) The Committee on Accountancy recommends the appointment of Mr. William M. Emery, partner in the law firm of McDermott, Will, and Emery, 111 West Monroe Street, Chicago, Illinois, as a member of the Board of Examiners in Accountancy for a period of three years beginning July 1, 1960, to succeed Mr. George Ragland, Jr., whose term has expired.

I concur.

On motion of Mr. Johnston, this appointment was approved.

APPOINTMENTS TO THE UNIVERSITY OF ILLINOIS CITIZENS COMMITTEE

(8) At its meeting on February 24, 1960, the Board of Trustees approved the appointment of new members of the University of Illinois Citizens Committee for a period of three years beginning January 1, 1960. I now submit the following supplemental nominations for appointment to that Committee for the period ending December 31, 1962.

ROBERT A. BARNES

State's Attorney

Lacon, Illinois

CARLON K. BENNETT

Attorney

Marshall, Illinois

GUNNAR A. BENSON

Principal, Sterling Junior High School
Sterling, Illinois

SAMUEL S. BLANE

Attorney

Petersburg, Illinois

CHARLES BLISS

Hershey and Bliss, Attorneys

105a Main Cross Street

Taylorville, Illinois

JOHN BULLINGTON

Attorney

203A South Main Street

Hillsboro, Illinois

ROBERT J. BUROW

General Manager, Newspaper

17 West North Street

Danville, Illinois

SENATOR MARVIN F. BURT

1115 South Benson Boulevard

Freeport, Illinois

MARTIN J. CORBELL

Attorney

107 South Fourth Street

Vandalia, Illinois

DUANE CULLINAN

President, R. A. Cullinan and Sons
(Road Contractors)

1617 North Eighth Street

Pekin, Illinois

CHARLES C. DADANT

Dadant and Sons (Manufacturers of
Bee Supplies)

Hamilton, Illinois

DR. H. D. DANFORTH

Dentist

Box 247

Cissna Park, Illinois

BERNARD M. DECKER

Circuit Judge, Nineteenth Judicial
District

Court House

Waukegan, Illinois

EDWIN A. DYSON

Co-publisher, *The Rushville Times*

Rushville, Illinois

PHILIP O. FOLEY

Lumber Manufacturer

Paris, Illinois

HENRY GASSMANN
Insurance
311 South Lexington
Olney, Illinois

FRANK R. HARMS
Certified Public Accountant
Harms and Elliott (C.P.A.'s)
Belvidere, Illinois

WILLIAM R. HAYES
DuQuoin Coca-Cola Bottling Company
Route 2
DuQuoin, Illinois

VERNON L. HEATH
Executive Vice-President, L. S. Heath
and Sons Candy Company
Robinson, Illinois

LOUIS G. HORMAN
Attorney
514 Metropolis Street
Metropolis, Illinois

DR. CLETUS KEARNEY
Physician
El Paso, Illinois

LESLIE E. MATHERS, SR.
Farmer and Cattle Breeder
Mason City, Illinois

RAYMOND E. MOSS
Attorney
Clinton, Illinois

KENNETH L. MOUNCE
President, Mounce Motors, Inc.
Macomb, Illinois

WILLIAM C. O'BRIEN
Attorney
731 Garfield Avenue
Aurora, Illinois

ROGER B. POGUE
Retail Lumber Dealer
304 Redwood Lane
Decatur, Illinois

GROVER E. SHIPTON
Newspaperman
Roodhouse, Illinois

ROY C. SMALL
Newspaperman, Register Publishing
Company
Harrisburg, Illinois

CARL F. SOLDWEDEL
Owner, Dairy Products Farm
73 North First Avenue
Canton, Illinois

JOHN L. STROHM
Editor and Publisher
Woodstock, Illinois

ROBERT D. THOMPSON
Attorney
Pontiac, Illinois

DAVID TURNBULL
Turnbull Funeral Home
301 South Main Street
Monmouth, Illinois

JAMES H. VAUGHN
Partner, Lincoln Coca-Cola Bottling
Company
Lincoln, Illinois

BRYANT VORIS
President, First National Bank
Waterloo, Illinois

FRED L. WHAM, JR.
Attorney
City National Bank Building
Centralia, Illinois

I also nominate Mr. Preston F. Grandon, Publisher of *The Daily Gazette*, Sterling, for appointment to the Executive Committee of the Citizens Committee to fill the vacancy created by the death of Mr. Volney B. Fowler, La Grange.

On motion of Mr. Swain, the appointments to the Committee and to the Executive Committee, as listed above, were approved.

The President also presented a report by Mr. George H. Bargh, Director of the Citizens Committee, of its activities during the academic year 1959-60. A copy of this report has been filed with the Secretary of the Board for record.

ADVISORY COMMITTEES FOR COLLEGE OF AGRICULTURE

(9) The Dean of the College of Agriculture recommends the following appointments and reappointments to advisory committees for the College of Agriculture and the Agricultural Experiment Station effective September 1, 1960, for three-year terms, and I concur:

Agricultural Economics

ROBERT G. GOLDEN, Flora
JAMES HUMPHREYS, Rural Route 1,
Herrin

Agricultural Engineering

G. W. ENDICOTT, Ridgeview Farm,
Villa Ridge
ALBERT MICHAEL, Odell

Agronomy

DELBERT SCHEIDER, Red Oak
PAUL TROVILLION, Brownfield

Animal Science

RALPH J. THOMAS, DeKalb Agricultural Association, Inc., Sycamore

Dairy Science

JOHN C. ALISON, Rural Route 2,
Quincy

HAROLD E. HARTLEY, Centralia
J. GEORGE SMITH, Oswego

Forestry

LORENZ E. TAMMEN, Box 168,
Danforth

Horticulture (Food Crops)

FRANK CHATTEN, Rural Route 2,
Quincy

L. A. FLOYD, Greenville

C. E. GEISE, Rochelle (Manager,
Agriculture Research Department,
California Packing Corporation)

*Horticulture (Floriculture,
Ornamentals)*

WALTER AHRENS, Danville Gardens,
Danville (President, Illinois State
Vegetable Growers' Association)

H. H. BLIXON, Woodlawn Gardens,
1401 St. Louis Street, Edwardsville

B. O. WARREN, Warren's Turf
Nursery, 8400 West 111th Street,
Palos Park (President, Illinois
Turfgrass Foundation, Inc.)

On motion of Mr. Hughes, these appointments were approved.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(10) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
AARON DOLNICK	Chicago	District of Columbia
RONALD ZADOC DOMSKY	Skokie	Wisconsin
ANTHONY ALBERT DRZYMALA DREW	Chicago	District of Columbia
RICHARD DEAN EVANS	Davenport, Iowa	Nebraska
DAVID ABRAHAM FELDMAN	Milwaukee, Wisconsin	Wisconsin
RALPH WESLEY LACEY	Chicago	District of Columbia
SEYMOUR MANDLER	Chicago	District of Columbia
RONALD BASIL STANG	Evanston	Kansas
JULIUS GEORGE SZUMYLO	Chicago	District of Columbia

I concur.

On motion of Mr. Johnston, these certificates were awarded.

**DISCONTINUATION OF DIVISION OF SPECIAL SERVICES
FOR WAR VETERANS**

(11) As authorized by the Board of Trustees, the Division of Special Services for War Veterans will be discontinued as of September 1, 1960. The University will, of course, carry out its obligations to nineteen students still enrolled in the Division who have not yet graduated.

Mr. Frank A. Bridgewater, who has been serving as Director of the Division since 1951 (prior thereto he was Assistant Director), has been appointed Assistant to the Dean of Admissions and Records effective September 1, 1960, and in this new position he will continue to administer the programs of the students remaining in the Division until they have completed requirements for degrees.

This is being reported for record and confirmation.

On motion of Mr. Harewood, this action was confirmed.

On motion of Mrs. Watkins, the Secretary was requested to express to Mr. Bridgewater the Board's appreciation of his services as Director of the Division.

DEPARTMENT OF SPEECH AND THEATRE

(12) On request of the Department of Speech, concurred in by the Executive Committee and the Dean of the College of Liberal Arts and Sciences, I have approved a change in the name of the Department to "Department of Speech and Theatre," effective September 1, 1960.

This implies no change in administration but only that the titles of some of the staff will be changed.

On motion of Mr. Swain, this change was approved.

CHANGES IN NAMES OF DEPARTMENTS IN COLLEGE OF DENTISTRY

(13) The Dean of the College of Dentistry, with the concurrence of the Acting Vice-President in charge of the Chicago Professional Colleges, recommends changes in departmental names, effective September 1, 1960, as follows: Department of Crowns and Fixed Partial Dentures to Department of Fixed Partial Prosthodontics; Department of Full and Removable Partial Dentures to Department of Prosthodontics; Admitting Clinic to Patient Admissions; and Department of Postgraduate Studies to Department of Postgraduate Education.

These changes are consistent with current nomenclature recommended by the American Dental Association and in use in a majority of dental colleges in the United States and Canada. Conformity makes communication with the various universities more effective and precludes the need of explanations.

I concur.

On motion of Mrs. Watkins, these changes were approved.

EXTENSION OF COUNTY SCHOLARSHIPS

(14) The Board of Trustees has previously authorized additional University tuition scholarships, supplementing County Scholarships in the larger counties, to be awarded on the basis of one scholarship for each 50,000 population or fraction thereof, based on the 1950 census. The 1960 census shows a number of counties with increased populations so that an increase in the number of these scholarships is in order.

Accordingly, on recommendation of the Committee on Undergraduate Scholarships, I have authorized an increase in the number of University scholarships supplementing County Scholarships as follows: Cook County, from 90 to 109; DeKalb County, from 1 to 2; DuPage County, from 4 to 7; Kane County, from 4 to 7; Lake County, from 4 to 6; Macon County, from 2 to 3; Madison County, from 4 to 5; St. Clair County, from 5 to 6; Whiteside County, from 1 to 2; Will County, from 3 to 4; Winnebago County, from 4 to 5.

This is consistent with the formula adopted by the Board and I report it for record, requesting confirmation of my action.

On motion of Mr. Wilkins, the President's action was confirmed.

TUITION AND FEE WAIVERS IN THE GRADUATE COLLEGE

(15) The Board of Trustees has previously authorized 450 tuition and fee waivers a year to be awarded to graduate students.

The Dean of the Graduate College originally requested 500 but this allotment was reduced to 450. It is clear now that the allocation of 500 originally requested is required to meet all of the legitimate needs of the Graduate College. However, this will not result in an increased cost to the University, because the additional tuition and fee waivers will be offset by a reduction in the number of staff members eligible for exemption from tuition fees under the new rules adopted by the Board at the time the tuition and fee waivers were authorized.

I recommend authorization of the additional fifty tuition and fee waivers for graduate students.

On motion of Mr. Hughes, this recommendation was approved.

FLIGHT-TRAINING FEE

(16) The Director of the Institute of Aviation and the Committee on Fees recommend an increase in the flight-training fee from \$300 to \$325 each semester. The flight-training program was set up as self-supporting, and the increase is necessary to cover the increased costs of instructional operations.

I concur.

On motion of Mr. Johnston, this change in fee was authorized.

ADMISSION OF UNDERGRADUATE STUDENTS ENTERING DIRECTLY FROM HIGH SCHOOL

(17) The University Senates recommend that the present requirements for admission of undergraduate students entering the University from high school, and who are residents of Illinois, be amended to read:

Residents of Illinois. A graduate of an accredited high school who is a resident of Illinois, whose rank in scholarship is in the lowest quarter of his graduating class (applicable to those seeking admission in the fall of 1961 or thereafter), or in the lower half (applicable to those seeking admission in the fall of 1963 or thereafter), and who is otherwise qualified for admission, will be admitted to the University upon presentation of either of the following evidences of ability to do satisfactory work at the University:

Obtaining a passing score on a test, or tests, as prescribed by the All-University Committee on Admissions. The Committee may set separate passing scores for students in the third quarter and in the fourth quarter of their high school classes, and shall set passing scores such that a student admitted to the University by this means will have approximately one out of four chances, or better, of being on clear status at the end of the first semester of his college work.

Presenting evidence of having attempted twelve or more semester hours of work at another college or university of recognized standing, and meeting the regular University requirements for admission as a transfer student.

Or by applying for admission to a session which begins at least twelve months after the applicant's graduation from high school, provided that (a) in this twelve-month period he has not attempted as much as twelve semester hours of work at another college or university of recognized standing, and (b) that he meets all other University requirements for admission that are applicable to him, except that he shall not be required to take the test, or tests, prescribed above.

The student's rank is to be based on work completed in grades nine, ten, eleven, and the first half of twelve in the case of four-year high schools, and on work completed in grades ten, eleven, and the first half of twelve in the case of three-year senior high schools.

I concur.

Mr. Wilkins suggested that the term "recognized high school" be substituted for the term "accredited high school" in the text (first sentence).

On motion of Mr. Harewood, the revision of the requirements as proposed by the Senates, with the change suggested by Mr. Wilkins, was approved.

PROGRESSIVE ADMISSION OF UNDERGRADUATE STUDENTS

(18) Because available facilities are inadequate to provide for all qualified applicants for admission to the undergraduate colleges and institutes at the University of Illinois, and in order to utilize the University's capacities most effectively, the University Senates recommend that the Dean of Admissions and Records be authorized to issue permits to enter the undergraduate colleges and institutes at Urbana and at the Chicago Undergraduate Division in accordance with the procedures outlined below, effective beginning with applicants for admission in September, 1961.

Priorities for Action on Applications for Admissions to the Fall Semester Period I, through March 31

1. New freshmen who are residents of Illinois and who rank in the highest 25 per cent of their high school class.
2. New freshmen who are nonresidents of Illinois and who rank in the highest 15 per cent of their high school class.
3. Transfer students who are residents of Illinois with not less than a 3.75 average in their college work in terms of the grading system of the University of Illinois.

4. Transfer students who are nonresidents of Illinois with not less than a 4.0 average in their college work in terms of the grading system of the University of Illinois.

Period II, from April 1 through April 30

1. New freshmen who are residents of Illinois and who rank in the highest 50 per cent of their high school class.
2. New freshmen who are nonresidents of Illinois and who rank in the highest 25 per cent of their high school class.
3. Transfer students who are residents of Illinois with not less than a 3.5 average in their college work in terms of the grading system of the University of Illinois.
4. Transfer students who are nonresidents of Illinois with not less than a 3.75 average in their college work in terms of the grading system of the University of Illinois.

Period III, after April 30

All applicants, new freshmen and transfers, who meet all requirements for admission to the University.

Use of Test Scores in Lieu of Rank in Class

Wherever rank in high school class is referred to above as a basis for establishing priority of admissions, an applicant may offer evidence of scholastic ability in the form of test scores in lieu of rank in class. The All-University Committee on Admissions is authorized to designate a test, or tests, and scores equivalent to different ranks in high school classes, that are acceptable for this purpose.

Offering of test scores as evidence in lieu of rank in class will be optional with the student applying for September, 1961. The University will require an admission test for all students applying for September, 1962, and thereafter.

Priorities within Periods I, II, and III

Within each of the three periods, the Office of Admissions and Records is authorized to give priority, so far as administratively feasible, to the best qualified applicants as indicated by (a) rank in high school class, (b) scores on a scholastic aptitude test, or tests, and (c) any other available information.

A similar system of priorities may be established for the spring semester.
I concur.

On motion of Mr. Wilkins, these recommendations were approved.

COLLEGE OF ENGINEERING HONORS AT GRADUATION

(19) The faculty of the College of Engineering has recommended, and the Urbana Senate has approved, modifications in the Honors at Graduation program of the College. Submitted herewith is a statement giving the details of these changes as approved by the Urbana Senate; a copy is being filed with the Secretary of the Board for record.

I recommend approval.

On motion of Mr. Swain, this recommendation was approved.

GRADUATE PROGRAM IN MARKETING

(20) The Urbana-Champaign Senate recommends authorization of a graduate program leading to the degree of Doctor of Philosophy in Marketing. This program has been approved by the Executive Committee of the Graduate College. Its objectives are to meet the need for trained teachers in the field of marketing in this country and abroad, and to provide scientifically trained personnel for market research departments and agencies.

Requirements for admission and for the degree are as follows:

Admission Requirements. The applicant must have a grade-point average of 3.75 for the last sixty hours of work. It is understood that applicants with averages between 3.5 and 3.74 may be admitted on recommendation of the department. The applicant also must have at least twenty hours of undergraduate work in business subjects with a minimum of six hours of marketing.

Degree Requirements. Candidates for degree must fulfill all the general requirements of the Graduate College, including residence, languages, the pre-

liminary examination, the dissertation, and the final examination. The work in minor fields will consist of not less than four units. The preliminary examination must demonstrate a comprehensive knowledge of marketing, an understanding of economic theory and its relationship to marketing, and an acquaintance with the subject matter and bibliography of the various areas of marketing.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I recommend approval.

On motion of Mr. Johnston, this recommendation was approved.

GRADUATE DEGREE IN ANIMAL NUTRITION

(21) Two graduate programs leading to the degrees of Doctor of Philosophy in Animal Science and Doctor of Philosophy in Animal Nutrition are now offered by the Department of Animal Science. To eliminate the confusion which exists relative to the two degrees, the Department, the Graduate College, and the Urbana-Champaign Senate recommend that the degree of Doctor of Philosophy in Animal Nutrition be discontinued. This is a change in nomenclature and implies no change in course content or degree requirements. Students interested in animal nutrition will continue to take the same courses as before and to do research in this area but will receive the degree of Doctor of Philosophy in Animal Science. This change will not affect students currently enrolled in the program but will apply to all new students enrolling after September 1, 1960.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I concur.

On motion of Mr. Hughes, this change was approved.

MAJOR IN AGRICULTURAL COMMUNICATIONS

(22) The Urbana-Champaign Senate recommends authorization of a new major in agricultural communications in the existing curriculum in General Agriculture.

The major, approved by the faculty of the College of Agriculture and developed in cooperation with the College of Journalism and Communications, will provide training for students interested in the farm newspaper or magazine field, farm radio and television, advertising, agricultural public relations, agricultural college and United States Department of Agriculture editorial work, and other positions requiring education in both agriculture and communications.

The major follows the same basic pattern as other majors in the General Agriculture curriculum with a basic core program being followed during the freshman and sophomore years. As in other majors, the student must complete a minimum of fifty hours of agriculture and twelve hours of humanities and social science (in addition to Economics 108 and Speech 101). He must also complete twenty hours in one of the journalism and communications options as provided.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I concur.

On motion of Mr. Hughes, this program was authorized.

CHANGES IN CURRICULUM IN PHYSICAL EDUCATION FOR MEN

(23) The Urbana-Champaign Senate recommends revisions in the curriculum in Physical Education for Men, the major changes being:

Elimination of a specified minor in favor of a minor determined through advisement.

Providing for a minor in health education, and certification in safety and driver education, by careful use of elective hours.

Rearrangement of several courses.

Requiring Physical Education for Men 271, Organization of Sports Programs, in the senior year.

Changing Physical Education for Men 209, History of Sports, from a two-hour to a three-hour course and requiring it in the sophomore year as a substitute for Recreation 174, Camp Counseling.

Adding a new requirement, Physiology 350, Physiology of Human Activity, in the senior year, to be developed and taught by the Department of Physiology.

Increasing the total number hours required for graduation from 130 to 132.

Submitted herewith are the details of this new curriculum, a copy of which is being filed with the Secretary of the Board for record.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I concur.

On motion of Mr. Swain, these changes in the curriculum were approved.

MATERIALS RESEARCH CENTER

(24) In 1956 a proposal was made to the Atomic Energy Commission for the construction at the University of a laboratory for materials research. This proposal, providing for the construction of a building at an estimated cost of \$3,600,000 and equipment estimated to cost \$2,000,000, was included in a bill passed by the United States Congress. Under consideration is an appropriation of \$1,500,000 for the preparation of plans and specifications for such buildings at the University of Illinois and at the University of Notre Dame. While there is no division of the amount between the two, on the basis of the estimated cost, approximately \$1,000,000 would be made available to the University of Illinois for plans and specifications. No appropriation has been made, however, for the building.

Under such a program, the Atomic Energy Commission would lease from the University the land on which the building is to be built, and would contract with the University for the preparation of plans and construction of the building. The lease of the land would be for an estimated period of time but would be in excess of sixty years. The University would be consulted in the preparation of plans and in the construction of the building but final responsibility would be with the United States Government. Upon completion of the building the government would contract with the University for its use and occupancy.

I recommend that the Vice-President and Comptroller be authorized to negotiate with the United States Government on this project provided that final contractual arrangements will be presented to the Board of Trustees for approval before execution of any documents.

On motion of Mrs. Watkins, this recommendation was approved, and authority was given as requested.

APPLICATION TO HOUSING AND HOME FINANCE AGENCY FOR LOAN TO FINANCE CONSTRUCTION OF WOMEN'S RESIDENCE HALLS

(25) A preliminary application was filed under date of June 30, 1960, with the Housing and Home Finance Agency for a loan of \$5,000,000 to assist in the financing of women's residence halls to be constructed at Lincoln and Pennsylvania Avenues south of the Illini Grove. These halls will provide housing for 1,044 undergraduate women. The total project cost is estimated at \$5,750,000. The preliminary design of the buildings has been approved by the Committee on Buildings and Grounds of the Board of Trustees.

It is recommended that the Board authorize the following:

The submission of a complete application to the Housing and Home Finance Agency if federal funds become available;

The employment of Chapman and Cutler as counsel for the bond issue;

The taking of bids for the construction of the buildings and for the sale of the bonds at such times as are determined most appropriate by the Vice-President and Comptroller;

The Comptroller and the Secretary of the Board execute a loan agreement with the Housing and Home Finance Agency;

Any and all other necessary steps and formalities in connection with the bond issue and the sale of the bonds.

I concur.

On motion of Mr. Swain, this recommendation was approved, and authority was given as requested.

**DESIGNATION OF CONTINENTAL ILLINOIS NATIONAL BANK
AND TRUST COMPANY AS DEPOSITARY OF PROCEEDS
OF HOUSING REVENUE BONDS OF 1960**

(26) On June 14, 1960, the Board authorized the deposit of the proceeds of the Housing Revenue Bonds of 1960 in a construction account in the Continental Illinois National Bank and Trust Company of Chicago. The Bank has requested that a formal resolution be adopted as follows:

Resolution

Be It Resolved, That the Continental Illinois National Bank and Trust Company of Chicago be and hereby is designated a depositary in which construction funds of this corporation may be deposited by its officers, agents, and employees and that the Comptroller, or any other officer of this corporation, be and hereby is authorized to open and maintain an account or accounts with said Bank and to endorse and deposit with said Bank negotiable instruments and orders for the payment of money which endorsements may be made in writing or by a stamp and without designation of the person so endorsing, and it being understood and agreed that on all such items deposited, all prior endorsements are guaranteed by this corporation whether or not an express guaranty is incorporated in such endorsements.

And Be It Further Resolved, That the Continental Illinois National Bank and Trust Company of Chicago as a designated depositary of this corporation be and it is hereby requested, authorized, and directed to honor checks, drafts, or other orders for the payment of money drawn in this corporation's name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or signers thereof, when bearing or purporting to bear the facsimile signature(s) of the President and Secretary, and Continental Illinois National Bank and Trust Company of Chicago shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means the facsimile signatures thereon may have been affixed thereto, if such facsimile signatures resemble the facsimile specimens duly certified to or filed with the Continental Illinois National Bank and Trust Company of Chicago by the Secretary or other officer of this corporation.

The Vice-President and Comptroller recommends adoption of this resolution. I concur.

On motion of Mr. Swain, the foregoing resolution was adopted.

BICYCLE REGULATIONS AND APPROPRIATION FOR PARKING LOTS

(27) A faculty Committee on Bicycle Control and Pedestrian Traffic, appointed by Vice-President and Provost Gordon N. Ray in January, 1960, has completed a study of the problems created by the increasing number of bicycles on the campus and has made recommendations with respect to these and related problems.

The Committee recommends adoption of a code of regulations for the registration, operation, and parking of bicycles on the campus for the safety of pedestrians and operators. I have approved these regulations, a copy of which is being filed with the Secretary of the Board for record.

No registration fee will be required but the regulations provide for fines for violations, similar to fines for violations of other campus regulations. Fines collected will be turned over to the Student Senate for its operating expenses and for scholarships.

I recommend that an appropriation of \$14,000 be made from the General Reserve Fund for the construction of five new bicycle parking areas and an addition of \$1,250 to the operating budget of the Security Office for the cost of registration and enforcement.

On motion of Mr. Johnston, the report of the President's action was received for record, and the appropriations requested were made by the following vote: Aye, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Herrick, Mr. Stratton.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(28) The Vice-President and Provost and the Vice-President and Comptroller recommend assignments of funds from the University's General Reserve, and from funds available in the state capital appropriations to the University for 1959-61 for remodeling, for the following:

1. Housing Division, expansion of educational programming in residence halls	\$ 11 175 00
Improvement in lighting of dining room and installation of shelving to serve as library.....	\$3 375
Wages for student assistants.....	1 200
Books.....	5 000
Art exhibits	1 600
2. President's Office, acoustical tile on ceilings, painting, and floor covering.....	3 305 00
3. Storage building at Armory Avenue and the Illinois Central Railroad tracks, remodeling for use by the Central Receiving Station and the Office Supply Store.....	75 000 00
4. Chicago Undergraduate Division.....	6 300 00
Air conditioning Office of Admissions and Records.....	\$ 4 480
Remodeling and rehabilitation of Room 18.....	1 820
5. Remodeling Quonset huts to be vacated by Central Receiving Station for Highway Test Tract and Steel Storage Project for Department of Civil Engineering.....	30 000 00
6. Transportation Building, partitioning room to make offices for assistants in General Engineering.....	2 820 00
7. Administration Building, remodeling to provide additional office space for the Graduate College and the Admissions and Records Office.....	3 375 00
8. Altgeld Hall, remodeling Room 314 for Department of Mathematics.....	6 350 00
9. Lincoln Hall, remodeling six rooms and museum space.....	14 285 00
10. Lincoln Hall, remodeling in the basement to provide laboratory space for Departments of Psychology and Anthropology.....	5 490 00
11. 605 South Goodwin Avenue, remodeling and equipment for Office of Nonacademic Personnel.....	7 000 00
12. Department of Physiology, equipment for teaching laboratories to provide for increase in enrollment and to implement a curricular change	6 475 80
13. Student Rehabilitation Center, purchase of a specially equipped bus for transportation of physically handicapped students to and from classes	10 650 00
14. Department of Zoology, construction of low-cost building to serve as overflow laboratory or office space.....	11 000 00
15. Business Office, purchase of microfilm camera for Auditing Division's records	2 000 00
<i>Total</i>	<u>\$195 225 80</u>

I concur.

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Herrick, Mr. Stratton.

CONTRACT FOR VETERINARY RESEARCH FARM ISOLATION UNIT

(29) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$7,218.87 to Dean Evans Company, Champaign, the lowest bidder, for the construction of the second isolation unit for the Veterinary Research Farm. Funds are available in a grant from the Moorman Manufacturing Company for this project.

I concur.

On motion of Mr. Hughes, this contract was awarded, as recommended, by the following vote: Aye, Mr. Harewood, Mr. Hughes, Mr.

Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Herrick, Mr. Stratton.

CONTRACT FOR NEW ROOF AND GUTTERS ON SMITH MUSIC HALL

(30) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$14,971 to Industrial Roofing Contractors, Mattoon, the lowest bidder, for a new roof and gutters on Smith Music Hall. Funds are available in the budget of the Physical Plant Department for this improvement.

I concur.

On motion of Mr. Harewood, this contract was awarded, as recommended, by the following vote: Aye, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Herrick, Mr. Stratton.

CONTRACTS FOR LANDSCAPING AND PLANTING OF FINE AND APPLIED ARTS BUILDING AND CENTRAL FOOD STORES AREAS

(31) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts to the Twin City Nursery and Landscape Service, Urbana, the lowest bidder, for landscaping and planting the following areas: Fine and Applied Arts Building and Krannert Art Museum..... \$14 736 94 Central Food Stores Building..... 5 437 49

Funds are available in the state capital appropriations for 1959-61 for the Fine and Applied Arts Building area and in the construction account for the Central Food Stores Building.

I concur.

On motion of Mr. Johnston, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Herrick, Mr. Stratton.

CONTRACTS FOR LAUNDRY BUILDINGS TO SERVE HOUSING AREAS

(32) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of the following contracts for the construction of two laundry buildings to serve the Orchard Place and Orchard Downs Apartments in the area south of Florida Avenue and east of Orchard Street extended, the award in each case being to the lowest bidder.

General — C. A. Petry and Sons, Champaign.....	\$38 490 00
Electrical — Neal Morton Electric, Champaign.....	4 492 00
Plumbing — Reliable Plumbing and Heating Company, Champaign..	32 527 00
Heating — F. R. Inskip Company, Champaign.....	3 792 00
Ventilating — F. R. Inskip Company, Champaign.....	3 080 00

Funds are available in the construction account for the Orchard Downs Apartments.

Submitted herewith is a report from the Physical Plant Department listing all bids received and a copy is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Herrick, Mr. Stratton.

CONTRACT FOR ELECTRICAL DISTRIBUTION SYSTEM IN DENTISTRY-MEDICINE-PHARMACY BUILDING

(33) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$82,940 to Divane Brothers Electric Company, 3826 West Van Buren Street, Chicago, Illinois, the lowest bidder, for improvements in the present inadequate electrical distribution system in the first unit of the Dentistry-Medicine-Pharmacy Building.

This is part of the first phase of the installation of a new 12,000-volt service for the Dentistry-Medicine-Pharmacy Buildings and some areas of the Research and Educational Hospitals. The installation will replace the present overloaded and unreliable 4,000-volt service and the first phase of the work will provide additional electrical capacity in an area seriously deficient now and will establish the primary 12,000-volt service and transformer vault for the ultimate project.

Bids were taken on a base bid and eight additive alternates in order to have as much of the work done as funds would permit. The contract here recommended will provide for equipping the 12,000-volt vault and supplying adequate electrical service to the basement, first, second, and third floors of the first unit of the Dentistry-Medicine-Pharmacy Building.

Funds are available in the state capital appropriations to the University for 1959-61.

I concur.

On motion of Mrs. Watkins, this contract was awarded, as recommended, by the following vote: Aye, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Herrick, Mr. Stratton.

CONTRACTS FOR STORM AND SANITARY SEWER CONSTRUCTION AND EXTENSION OF WATER MAIN TO SERVE ASSEMBLY HALL

(34) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts to the lowest bidders as follows:

Construction of Southwest Campus Storm Sewer, Temporary Outlet, and First Street Sanitary Sewer—Illiana Construction Company, Urbana	\$57 500
Construction of First Street Water Main Extension—Cross Construction Company, Urbana	14 297

Funds are available in the Physical Plant Department budget.

I concur.

On motion of Mr. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Herrick, Mr. Stratton.

CHANGE IN CONTRACT FOR INSTALLATION OF SEATING IN ASSEMBLY HALL

(35) The Board of Trustees has authorized a contract with the American Seating Company of New York, the lowest bidder, for the installation of permanent seating in the Assembly Hall on the basis of \$253,300 for 17,000 stadium-type seats with the University having the option of increasing or decreasing the number on the basis of unit cost, and with alternates providing for the addition of arms and upholstered seats and backs in the theater quadrant.

On the advice of the architect for the building, the Director of the Physical Plant and the Vice-President and Comptroller recommend a change in the contract to provide for a 20½ inch minimum space per seat in the theater quadrant and the installation of upholstered seats with backs and arms in this area; and 19½ inch minimum space per seat in the balance of the area. This will provide a good standard of comfort but will reduce the permanent seating from 16,800 to 15,902 (4,142 in the theater quadrant and 11,760 in the rest of the area). The additional cost will be \$21,575.

A supporting statement from the Physical Plant Department is submitted herewith and a copy is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Harewood, this change in contract was authorized.

UNIVERSITY FUNDS REQUIRED FOR IMPROVEMENT OF GREEN STREET IN URBANA

(36) The Board of Trustees has authorized an agreement with the city of Urbana providing for the payment by the University of its share of the cost of the widening and repaving of Green Street from Wright Street to Lincoln Avenue.

Engineers have now completed a field check and have reviewed plans and specifications, and the factors used in the preliminary estimates of the cost of the project. The revised estimate now is \$471,285 of which the University's share will be \$336,028, as compared with preliminary estimates of \$418,800 and \$298,293, respectively.

Under the terms of the agreement the payment required by the University during the present biennium is \$141,500. Funds are available in the state capital appropriations to the University for 1959-61, subject to release by the Governor.

This report was received for record.

NATIONAL SCIENCE FOUNDATION GRANTS

(37) The National Science Foundation has made the following grants to the University for capital improvements:

Construction of research buildings at the Betatron Laboratory.....	\$27 300
Remodeling program for Physical Chemistry.....	50 000
Modernization and expansion of graduate research laboratories in Civil Engineering.....	17 800
Remodeling biochemistry and anatomy research laboratories at the Chicago Professional Colleges	17 300

In each case the grant has been made with the express understanding that the funds will be matched by the University from nonfederal sources, to the extent of at least 50 per cent of the direct costs. Matching funds to be supplied by the University are available for these projects.

This report was received for record.

GRANT FROM AMERICAN CHEMICAL SOCIETY

(38) Professor Harry G. Drickamer of the Department of Chemistry and Chemical Engineering has been selected by the American Chemical Society to receive the Petroleum Research Fund Award for 1960 in the form of an unrestricted grant of \$50,000 to the University for his research work in the field of petroleum. This grant has been accepted with an expression of appreciation on behalf of the Board of Trustees. It is reported now instead of being held for inclusion in the next annual report of gifts and grants because of the special distinction attached to the award.

This report was received for record.

CONTRIBUTIONS FOR ELECTRICAL ENGINEERING BUILDING

(39) Building needs in the College of Engineering are particularly acute and, except for the completion of the Physics Building, the addition to the Electrical Engineering Building is the College's greatest need. The portion of the Electrical Engineering Building which was completed eleven years ago provides only one-third the space requested in 1945 when there was a staff of 20 and an undergraduate student body of some 400. The Department now has 91 full-time faculty, 1,146 undergraduate students, 222 graduate students, and 79 nonacademic staff members. To include the addition to the Electrical Engineering Building in the top priority group in the 1961-63 biennium, funds must be provided now for planning and working drawings in order that the building can be completed within the biennium for which funds are received. The Dean of the College of Engineering has been authorized to seek contributions from a limited number of leading engineering alumni in order that the working drawings, estimated to cost \$63,000, can be completed during the next year.

This report was received for record.

PURCHASES

Purchases Authorized

(40) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller.

Urbana-Champaign Departments

Item	Department	Vendor	Cost
One spectrophotometer with photomultiplier and ultraviolet accessory	Chemistry and Chemical Engineering	E. H. Sargent & Co., Chicago	\$ 2 743 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Cobalt teletherapy unit and accessories with capacity for loading up to 225 curies of Cobalt 60	Veterinary Medicine	The Dick X-Ray Co., St. Louis, Mo.	\$15 000 00 f.o.b. delivered
One lot replacement and accessory parts for the "Ease" Analog Computer, Model 1032	International Cooperation Administration Contracts	Beckman Instruments, Berkeley Division, Ease Computer Section, Richmond, Calif.	2 737 87 f.a.s. Ocean Port of Embarkation
Three Lyon electric-glass incubators	International Cooperation Administration Contracts	U. S. Department of Commerce, c/o Office of International Trade Fair, Washington 25, D.C.	3 587 51 f.o.b.
One John Deere plow, three furrow, MN 475			New Delhi, India
Two Union Carbide gas cylinders			
One John Deere diesel tractor, model 435			
One comfort sprayer trailer MN S613			
Four constant temperature baths, rectangular, electric	International Cooperation Administration Contracts	E. H. Sargent & Co., Chicago	3 316 00 f.a.s. New York, N.Y.
Four constant temperature ovens, 180°			
Three constant temperature baths, circular, electric			
Two autoclaves, sterilizer, horizontal, electric 220-230 volts, 50-cycle	International Cooperation Administration Contracts	E. H. Sargent & Co., Chicago	3 790 00 New York, N.Y.

Chicago Colleges and Divisions

Dormitory furniture for Hospital Resident Staff (16 suites)	Research and Educational Hospitals	Gilbert A. Force Co., Chicago	4 613 60 net delivered
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On motion of Mrs. Watkins, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of the lowest acceptable bid.

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One Offner type 492 six-channel differential data amplifier system consisting of three type 492 dual-channel amplifiers, one 392 power supply, and one BM492/8 bin mounting plus blank panels	Aeronautical Engineering	Offner Electronics, c/o Pivan Engineering Co., Chicago	\$ 2 845 00 f.o.b. delivered
One multichannel dual purpose amplifier system consisting of: Four carrier amplifiers One four-channel case One oscillator power supply One shockmount base One complete set cables One carrier voltage reducer One dynamic reference trace One adapter Three dummy galvanometers Three pressure pickups	Aeronautical Engineering	Consolidated Electrodynamics Corp., Chicago	4 517 00 f.o.b. delivered
One lot of unitized laboratory furniture	Botany	E. H. Sheldon Equipment Co., St. Louis, Mo.	4 580 50 f.o.b. Urbana
One plant growth chamber, 48 in. x 96 in. x 84 in. with lights and controls, 115-volt, 60-cycle	Botany	The Electric Hotpack Co., Inc., Philadelphia, Pa.	10 585 00 f.o.b. delivered
One cold room, walk-in, laboratory model, 72 in. x 96 in. x 84 in., complete with refrigeration equipment and controls, 115-volt, 60-cycle	Botany	Schaar & Co., Chicago	4 008 35 f.o.b. delivered
One lot laboratory equipment and supplies, including a laboratory centrifuge, refrigerated type and accessories, shakers, stirrers, hot plates, and accessory glassware	Chemistry and Chemical Engineering	E. H. Sheldon Equipment Co., Muskegon, Mich.	10 566 30 f.o.b. delivered
Laboratory furniture as follows: Two center benches Two service rack assemblies Four base cabinets Five upper cabinets			

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One lot of laboratory furniture (a complete list of the items included in this order was available at the Board meeting)	Chemistry and Chemical Engineering	Walrus Manufacturing Co., Decatur	\$ 2 712 31 f.o.b. Urbana
One X-ray counting system consisting of one each Hamner N-730 linear count rate meter, N-401 regulated high voltage power supply, N-302 amplifier, N-803 crystal controlled electronic printing timer, N-276 high-speed printing scaler, SX-4 preamplifier, SX-2 preamplifier, and cabinet with blower-filter system, isolation transformer, circuit breakers, and interconnected wiring	Chemistry and Chemical Engineering	Hamner Electronics Co., Inc., Princeton, N.J.	5 000 00 f.o.b. delivered
One set preparative columns and accessories for Beckman amino acid analyzer	Chemistry and Chemical Engineering	Beckman Instruments, Inc., Spenco Division, Palo Alto, Calif.	2 738 90 f.o.b. delivered
One centrifuge, automatic superspeed refrigerated, complete with 34° type SS-34 (8-50 ml tube) rotor, suitable for batch and continuous flow separations, range 5° F. to 104° F., S. S. chamber, + 1° C control, 1½ H.P. compression, to run 12 to 16 hours per day	Chemistry and Chemical Engineering	Ivan Sorvall, Inc., Norwalk, Conn.	2 875 00 f.o.b. delivered
One high-speed large capacity rotor, six compartments for 250 ml bottles, with air tight cover			
One spectropolarimeter, automatic, recording, range 200 to 700 mμ, sensitivity 0.001 angular degrees, three plus or minus rotation ranges 2°, 20°, and 200°, complete, 115-volt, 60-cycle	Chemistry and Chemical Engineering	Rudolph Instruments Engineering Co., Little Falls, N.J.	18 000 00 f.o.b. delivered
84 drums, 54 gallons each, chemically pure acetone to be delivered at the rate of seven drums per month from September, 1960, through August, 1961	General Chemical Stores	The R. J. Brown Co., Decatur	3 326 40 f.o.b. delivered
One lot laboratory glassware and apparatus	General Chemical Stores	Arthur S. LaPine & Co., Chicago	51 861 40 f.o.b. delivered
Two 100-case standard laboratory glassware at established published fair-trade prices in effect at time of shipment			
One Universal milling machine, 52 in. x 10 in., table complete with dividing head, enclosed driving mechanism, arbor support and arbors, side and rear feed controls, backlash eliminator, positive limit dogs, and necessary motors and controls	Civil Engineering	Cincinnati Milling & Grinding Machines, Inc., Berwyn	14 975 00 f.o.b. delivered
One ultra-high vacuum system for auger experiment	Coordinated Science Laboratory	RCA Industrial Tube Products, Lancaster, Pa.	13 600 00 f.o.b. delivered
One assembly for microspectrophotometer consisting of microscopic and photographic equipment	Dairy Science	W. H. Kessel & Co., Chicago	6 100 90 f.o.b. delivered
Transitron "Stabistor" voltage references (diodes): 500 type SV3141A 200 type SV3142A 1,100 type SV3143A 100 type SV3144A 1,600 type SV3145A	Digital Computer Laboratory	Transitron Electronic Corp., Wakefield, Mass.	12 455 00 f.o.b. delivered
Lease one digital computer, for initial period of one year, with option of quarterly renewal thereafter	Electrical Engineering	Bendix Computer Division, Bendix Corp., Chicago	20 290 00 f.o.b. delivered
Two General Electric modified RC-4 hybrid couplers to provide a voice input to existing station equipment from a remote location and two telegraph terminals, type RFL-995TR, with transmit and receiver filters to protect the teletype termination unit from external voice frequencies	Electrical Engineering	General Electric Co., Lynchburg, Va.	2 522 00 f.o.b. delivered
One ultracentrifuge, analytical, preparative precision model complete with optical, photography, refrigeration and control systems, electrical drive 2,000 to 60,000 RPM, and accessories	Microbiology	Beckman Instruments, Inc., Spenco Division, Palo Alto, Calif.	24 720 00 f.o.b. delivered

Item	Department	Vendor	Cost
Auxiliary equipment and replacement parts for the modification of Arthur D. Little-Collins helium cryostat, Serial No. 18	Physics	Arthur D. Little, Inc., Cambridge, Mass.	\$14 309 20 f.o.b. Cambridge, Mass.
One Tektronix type 519 oscilloscope	Physics	Tektronix, Inc., Park Ridge	3 800 00 f.o.b. Portland, Ore.
Rebuild and refinish Model D Steinway grand piano	Music	Steinway & Sons, Long Island City, N.Y.	2 972 00 f.o.b. Long Island City, N.Y.
One truck cab and chassis, 22,500 lbs. GVW, 171 in. wheelbase to replace vehicle No. 747, a 1944 International truck with livestock and grain bed	Dixon Springs Experiment Station	Hannagan's Power Farm, Champaign	3 429 02 f.o.b. delivered
One centrifuge, refrigerated, automatic with six and eight place 50 ml tube heads, superspeed with facilities for continuous and batch attachments	Veterinary Medicine	Ivan Sorvall, Inc., Norwalk, Conn.	2 880 00 f.o.b. delivered
Scoring service for approximately 76,000 special answer sheets	Bureau of Educational Research	Measurement Research Center, Inc., Iowa City, Iowa	9 120 00 f.o.b. Iowa City, Iowa
Laboratory furniture to refurnish the chemistry, physics, and biology classrooms and science lecture room	University High School	E. H. Sheldon Equipment Co., St. Louis, Mo.	27 183 00 f.o.b. Urbana
Professional services required during the period July 1, 1960, through June 30, 1961, for development and production of weekly University of Illinois Market Buy Program, conducted in the Chicago area by the Extension Service in Agriculture and Home Economics; services consist of preparation of news copy and mats, mimeographing, mailing service, and clipping service	Extension Service in Agriculture and Home Economics	Newsography-95, Chicago	10 800 00 estimated total expenditure
One Dage model 320B/V television camera	Instructional Television	Dage Television Division, Thompson Ramo Wooldridge, Inc., Michigan City, Ind.	4 553 70 f.o.b. delivered
One 735 portable camera control			
One angencieux zoom lens with close-up attachment			
One 201-A audio-visual mixing unit			
One hercules tripod complete with dolly and pan head			
49 films, 16 mm.	Audio-Visual Aids Service	International Film Bureau, Inc., Chicago	5 555 00 f.o.b. delivered
65 replacement prints, 16 mm., less allowance for return of damaged prints	Audio-Visual Aids Service	Coronet Films, Chicago	3 712 50 f.o.b. delivered
32 films, 16 mm.	Audio-Visual Aids Service	Coronet Films, Chicago	4 542 50 f.o.b. shipping point
65 replacement prints of 16 mm. films, less allowance of return of 65 damaged films	Audio-Visual Aids Service	Encyclopaedia Britannica Films, Inc., Wilmette	5 148 75 f.o.b. Wilmette
80 films, 16 mm.	Audio-Visual Aids Service	Coronet Films, Chicago	7 990 00 f.o.b. delivered
Lease 13 films, 16 mm., for the life of each print up to six years from date of delivery	Audio-Visual Aids Service	Films, Inc., Wilmette	2 940 00 f.o.b. shipping point, New York
13 films, 16 mm., less trade-in of 35 damaged prints	Audio-Visual Aids Service	Encyclopaedia Britannica Films, Inc., Wilmette	4 860 00 f.o.b. Wilmette
72 films, 16 mm.	Audio-Visual Aids Service	McGraw-Hill Book Co., Inc., New York, N.Y.	8 614 70 f.o.b. delivered
One offset duplicator with duplicating area of 10 1/2 x 16 1/2 to accommodate paper sizes from 3 in. x 5 in. to 11 in. x 17 in., less trade-in allowance for an old model 750 machine	Vocational Agriculture Service	Maginn Office Equipment Co., Champaign	2 825 00 f.o.b. delivered

Item	Department	Vendor	Cost
1,000 reams English finish book paper, white	Office Supply Store	Bradner Smith & Co., Chicago	\$ 8 596 00 f.o.b. delivered
Enamel book paper: 800 reams 25 x 38, 70 lb. 250 reams 22½ x 35, 58 lb. 200 reams 25 x 28½, 53 lb.	Office Supply Store	Decatur Paper House, Inc., Decatur	14 238 86 f.o.b. delivered
875,000 brown kraft envelopes in various sizes and weights	Office Supply Store	Moser Paper Co., Chicago	7 771 70 f.o.b. delivered
75 cases (12,000 per case) napkins 12 in. x 13 in., paper	Office Supply Store	O K Papers, Inc., Chicago	3 478 42 f.o.b. delivered
175 cases (7,500 per case) napkins 12 in. x 16½ in., paper			
112,500 kraft bags			
825 study lamps and shades	Housing Division (Women's Residence Halls)	Exzel Manufacturing Corp., Muncie, Ind.	6 261 75 f.o.b. delivered
150 20-in. gas ranges with thermostatically controlled oven, automatic lighting-top burners, and 36 in. AGA approved flexible connectors	Housing Division (Family Housing Units)	Athens Stove Co., Athens, Tenn.	8 244 72 f.o.b. delivered
500 tons (approximately) pea size coke to be delivered directly to bus at various Housing Division locations during the 1960-61 heating season	Housing Division	Mooney Coal Co., Urbana	13 075 00 total estimated expenditure
Laundry service for sheets and pillow cases for Men's Residence Halls, for the period September 1, 1960, through June 30, 1961	Housing Division	Shelton Laundry, Urbana	3 725 04 f.o.b. delivered
78 dozen ladies uniforms	Housing Division (Central Food Stores Building)	Angelica Uniform Co., Chicago	2 754 00 f.o.b. delivered
Nine dozen aprons			
One school bus, 60-passenger, to replace vehicle No. 768, a 1947 Studebaker 40-passenger school bus	Institute of Aviation	Courtesy Motor Sales, Inc., Chicago	2 952 13 delivered to body manufacturer
		McCabe-Powers Body Co., St. Louis, Mo.	
		School bus body, mounted on the chassis purchased from Courtesy Motor Sales	2 439 19 delivered to Airport at Savoy
Pallet racks consisting of: 72 uprights, 114 in. x 36 in. 196 horizontal beams, 114 in. long 28 horizontal beams, 60 in. long 24 cross ties, 6 in. long	Physical Plant (Central Food Stores Building)	H. W. Carpenter Co., Peoria	3 490 00 f.o.b. delivered
Furnish and install 412 wall-hung bookshelves for Student Residence Hall	Physical Plant Planning Office	Walrus Manufacturing Co., Decatur	12 209 96 furnished and installed
Services of engineer for inspection and supervision of overhaul of General Electric turbine-generator No. 109143 (Unit No. 5) at Abbott Power Plant beginning August 1, 1960	Physical Plant	General Electric Co., St. Louis, Mo.	3 500 00 total estimated cost
Labor and materials to apply the following approximate quantities of asphalt road building materials on Florida Avenue between Fourth Street and Virginia Drive: 3,600 gallons MCO prime 10,000 gallons MCS asphalt 200 tons ¾ in. cover aggregate 200 tons ¾ in. seal aggregate	Physical Plant	Parro Construction Corp., Urbana	4 688 00 f.o.b. job site
Labor and materials to apply the following approximate quantities of road building materials to eighteen different job sites in campus area: 12,500 gallons E4 road oil, 4,000 gallons E3 road oil, 4,500 gallons MCO prime, 16,000 gallons MCS asphalt, 160 tons ¾ in. cover aggregate, and 500 tons ¾ in. seal aggregate	Physical Plant	Parro Construction Corp., Urbana	10 026 00 f.o.b. job site

Item	Department	Vendor	Cost
Builder's risk insurance under a completed value form on an estimated \$2,013,000 insurable cost of construction for 19 buildings known as the Orchard Downs Apartments; insurance to be carried for an estimated two years during the course of construction with a total premium for the two years estimated at \$3,483.54 of which \$1,825.99 will be payable the first year	Physical Plant	Capen Insurance Agency, Bloomington, representing the Kansas City Fire & Marine Insurance Co. Maue Insurance Agency, Breese, representing the Employers Mutual Casualty Co. (Estimated two-year premium 3 483 54)	\$ 2 638 88 844 66

Chicago Colleges and Divisions

Four model No. 51-54-6-5-1L (CCX) CC-TC-1C-CS-1 National Cash Registers less trade-in allowance of \$650 for one National Cash Register	Bookstore	National Cash Register Co., Chicago	6 140 00 delivered and installed
One analytical ultracentrifuge and accessories	Biochemistry	Beckman Instruments, Inc., Spinco Division, Chicago	24 432 08 delivered
One lot of laboratory supplies consisting of 312 packages of filter paper, 500 books of lens paper, 12 diamond marking pencils, 1,080 pharmaceutical graduates, 252 packages of corks, 72 rolls of parafilm, 888 plastic bottles, 3,680 pints of reagent chemicals, and 400 cases of Pyrex laboratory glassware	General Stores	Chicago Apparatus Co., Chicago	13 785 61 delivered
Ten monocular microscopes, less trade-in of two used microscopes	Microbiology	Scientific Products Division, Evanston	2 810 14 delivered
One X-ray projector with two distance lenses	Radiology	Gordon Consultants, New York, N.Y.	3 650 00 delivered
20,000 tetracycline capsules, 250 mg., approximately three months supply	Research and Educational Hospitals	Charles F. Pfizer & Co., Chicago	3 622 00 delivered
One biplane changer 10 in. x 12 in. and 14 in. x 14 in.	Research and Educational Hospitals	Winfield, Inc., Chicago Item 1	16 312 00
One biplane changer 10 in. x 12 in.		Standard X-Ray Co., Chicago Item 2	9 890 00 delivered and installed
One wireless paging system, consisting of a transmitter system and 140 pocket receivers	Research and Educational Hospitals	Boom Electric Corp., Chicago	21 832 00 delivered

On motion of Mrs. Watkins, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(41) The Comptroller's report of contracts executed during the period June 1 to 30, 1960.

With Whom	Purpose	Amount to be Paid to the University	Effective Date
Armour Pharmaceutical Co.	Pharmacological characterization of new drugs potentially useful in veterinary medicine	\$ 6 440 00	June 15, 1960
Chicago-Land Commerce and Industry Exposition, Inc.	Use of certain facilities and areas at Navy Pier	55 00 per day, June 4 to August 5, 1960	March 23, 1960
Gregory Industries, Inc.	Fatigue of members with welded studs	10 000 00	June 14, 1960
Hess & Clark, Inc.	Effect of furazolidone (Nf-180) on the livability and growth of milk	6 600 00	June 28, 1960
Hilton Hotels Corp.	Use of certain facilities and areas at Navy Pier	Not more than 3 315 00	June 17, 1960
Purdue Research Foundation	Planning, conducting, and evaluating a midwest program on airborne television instruction	16 873 44 plus mileage at .08 cents per mile	June 16, 1960
State of Illinois Cities and Villages Municipal Problems Commission	Analysis of and codification of the "Revised Cities and Villages Act"	38 000 00	May 23, 1960
State of Illinois Department of Agriculture	Pricing and trading practices for Illinois hogs	60 000 00	March 3, 1960

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Army DA-ORD-18	Super conducting metals	\$70 760 00	September 1, 1960
United States Atomic Energy Commission AT(11-1)-903	Mechanism of biologically catalyzed reactions and the metabolites and pathways in which they function	12 500 00	June 7, 1960
United States Atomic Energy Commission AT(11-1)-915	Crystallization of lead titanate from glasses in the PbO-TiO ₂ -SiO ₂ -Al ₂ O ₃ system	20 000 00	June 7, 1960
United States Department of Agriculture 12-14-100-4532(73)	Chemical nature of compounds influencing flavor changes in concentrated sterile milk	24 988 00	May 19, 1960
United States Navy N228-50451	Academic instruction of officer students	3 150 00	July 1, 1960
United States Navy Nonr-1834(33)	Concept invention	12 000 00	June 15, 1960
United States Navy Nonr-3134(00)	Ultrasound in biology and medicine	5 700 00	June 15, 1960

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
American Federation of Arts	Exhibition of "Emerson's New England" at Navy Pier, from November 10 to 30, 1960	\$ 25 00	May 16, 1960
Smithsonian Institution	Exhibition of "Brasilia" at Navy Pier from March 1 to 26, 1961	250 00	May 17, 1960
Smithsonian Institution	Exhibition of "The Seasons" at Navy Pier from May 1 to 31, 1961	125 00	May 31, 1960
State's Attorney of DeKalb County	Services rendered in lieu of taxes (Wright Farms)	4 626 55	June 3, 1960
State's Attorney of Douglas County	Services rendered in lieu of taxes (Hackett Farm)	1 249 82	June 2, 1960
State's Attorney of La Salle County	Services rendered in lieu of taxes (Weber Farms)	3 707 46	June 27, 1960
State's Attorney of Moultrie County	Services rendered in lieu of taxes (Hackett Farm)	868 42	June 2, 1960
State's Attorney of Piatt County	Services rendered in lieu of taxes (Allerton and Warren Farms)	12 207 93	June 21, 1960

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
John Deere Plow Co.	Rental of farm machinery — two items: \$48.57 and \$725.99 annually	\$ 774 56	June, 1960
International Harvester Co.	Rental of farm machinery — seven items: \$89.99 to \$1,220.36 annually	2 950 86	May and June, 1960
MacCarthy Ford Tractor Sales, Inc.	Rental of farm machinery — four items: \$48.00 to \$507.00 annually	1 174 60	April and June, 1960

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Illinois Archaeological Survey	Preliminary archaeological site examination, stage 2	\$ 800 00	June 15, 1960
State of Illinois Department of Public Welfare, Project No. 1723	Psychosomatic differentiation in infancy	1 500 00	May 13, 1960
State of Illinois Department of Public Welfare, Project No. 1724	Exploring the psychological factors in psychosomatic diseases of children	11 146 00	January 1, 1960
United States Army DA-11-022-ORD-1001	Conduction of electricity in solids	50 000 00	June 16, 1960
United States Army DA-11-022-ORD-1983	Problems relating to the synthesis of one and two terminal-pair networks	18 150 00	June 16, 1960
United States Army DA-11-022-ORD-2772	Reactions of nitrogen II oxide	8 564 00	June 16, 1960
United States Army DA-11-022-ORD-3134	Superconductive metals	3 000 00	June 15, 1960
United States Army DA-11-070-508-ORD-593	Launcher dynamics and rocket launcher design	44 977 81	June 16, 1960
United States Army DA-49-007-MD-877	Context effects in psychophysical judgments	3 000 00	June 15, 1960

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Atomic Energy Commission AT(11-1)-67, Project No. 20	Fatigue behavior of dilute nitrogen	\$23 719 00	May 31, 1960
United States Atomic Energy Commission AT(11-1)-67, Project No. 22	Unclassified resonance studies on paramagnetic crystals	44 750 00	June 1, 1960
United States Atomic Energy Commission AT(11-1)-791	Effect of X-ray irradiation on the enzymatic activity and nucleic acid metabolism in seeds and seedlings of Zea mays	18 000 00	June 6, 1960
United States Department of Health, Education, and Welfare, Office of Education SAE 8367, Project No. 702	Effects on use of tests by teachers trained in a summer institute	5 290 00	April 19, 1960
United States Navy Nonr-1834(03)	Methods of analysis of structural and machine elements	40 000 00	May 19, 1960
United States Navy Nonr-1834(07)	Physiological function of vitamin B in invertebrates	5 333 00	May 12, 1960
United States Navy Nobor-64723	Confidential	114 063 00	May 12, 1960

Adjustments Made in 1959-60 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Harry F. Fisher (Plastering)	Twenty-one items: \$699.85 deduct to \$674.00	\$ 1 758 63	May and June, 1960

This report was received for record.

STATUS OF OPERATING FUNDS FOR THE DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(42) The Division of Services for Crippled Children, since its establishment as the official medical care agency for crippled children in Illinois, has recognized polio patients as an eligible category for specialized services under its program. This responsibility is recorded in the official state plan which documents the organization and operation of the Division and which is filed with the Children's Bureau in accordance with regulations of the Department of Health, Education, and Welfare, relating to federal matching grants.

During the early years of the Division, polio patients formed a major group receiving attention and represented a substantial portion of its expenditures. With the increasing success of the fund drives of the National Foundation for Infantile Paralysis (now officially known as the National Foundation), the burden of providing financial support for most polio patients was shifted, beginning in the late 1940's, to the National Foundation. It was the Foundation's declared policy to meet the needs of polio patients through the funds raised in the annual "March of Dimes" campaign and thereby supplant tax funds for the same purpose, wherever possible.

In the state of Illinois the National Foundation's county chapters accepted this obligation and continued to provide the major financial support for treatment of polio patients throughout the 1950's. During this period, the Division of Services for Crippled Children expenditures for polio patients decreased from approximately \$200,000 in 1952 to approximately \$10,000 in 1959. Medical care planning for over one thousand polio patients annually was carried on through statewide clinics maintained by this Division with financial support provided by the National Foundation chapters. The Division of Services for Crippled Children funds were used only when a given chapter could not provide further support, usually due to exhaustion of its locally collected funds.

Subsequent to the development of the Salk vaccine, the National Foundation experienced some changes. Its annual drives for funds became less successful, and have produced considerably below their expectations each year. This decline in fund raising on the part of the National Foundation reflects a public image of poliomyelitis as a disease that has been conquered. In part, perhaps, the declining fiscal support may be related to the change in the name of the Foundation and its changed purpose announced approximately two years ago, its current name being "National Foundation," eliminating "for Infantile Paralysis."

In addition to concern for poliomyelitis, the organization has extended its interest to include other crippling diseases, particularly at the outset, birth defects and rheumatoid arthritis, and with specific attention to professional education and research and somewhat less emphasis on patient care services, which had so strongly characterized the program of the National Foundation for Infantile Paralysis in its previous operations.

Another fundamental change in the National Foundation's new program was the transfer of responsibility for patient aid to other sources of funds than the National Foundation itself. This change was first announced in May of 1959, and reaffirmed in March of 1960. It emphasized that the National Foundation's resources were not unlimited to deal with all patient-aid problems; consequently, chapter aid was being limited to patients in certain priority groups who were not eligible for adequate care from any other source.

The changes in the National Foundation policy were originally undertaken without reference to official state agencies or to the effects such a change would have on their operations in terms of previously determined plans. The Division of Services for Crippled Children had no forewarning of this impending situation, nor was there any knowledge of the impending shortage of funds in the local county chapters of the National Foundation at the time the budget for the 1959-61 biennium was established. At present, approximately one-half of the state's chapters are without significant funds or are in a deficit status.

The result of these changes has meant that the Division has received an increasing volume of requests from physicians, hospitals, parents, and other agencies throughout the state for financial support and services to polio patients beyond the extent of the obligations undertaken by the Division under the long-standing arrangement with the National Foundation. While the Division of Services for Crippled Children did not anticipate during the current biennium the necessity for incurring costs for services to most of these children, authorization for their care has been given since they are eligible under the state plan for such care. The result of these unanticipated needs is difficult to assess at this time. A conservative estimate indicates that, if the Division of Services for Crippled Children continues to accept those cases which are qualified for its program, the need for expenditures may exceed current appropriations by as much as \$200,000. If, for any reason, the need for patient care is accelerated during the coming year and it is shown that the individual county chapters of the National Foundation are financially unable to meet the need, the excess of needed expenditures over current appropriations could amount to as much as \$400,000.

While it is too early to make a precise estimate of the need for additional funds during this biennium, if present trends continue and if the University, through the Division of Services for Crippled Children, continues to accept those cases which are in need of its services and entitled to them, an emergency supplementary appropriation of from \$200,000 to \$400,000 may have to be requested at the next session of the General Assembly.

President Henry presented Dr. Edward F. Lis, Director of the Division of Services for Crippled Children, who discussed the foregoing report and answered questions.

This report was received for record.

At this point Mr. Hughes left the meeting.

REPORT OF A STUDY OF THE POSSIBILITY OF FULL-SCALE OPERATION OF THE UNIVERSITY DURING TWELVE MONTHS OF THE YEAR

(43) In view of public interest in the subject, and inquiries received from some members of the Board of Trustees, a study was undertaken at the request of the President and the Vice-President and Provost of the University of the possibilities of increasing utilization of the present facilities of the University to the following extent and the problems therein.

The University would maintain as full an enrollment as possible, a complete staff, and full operation of all buildings during twelve months of the year.

The University plant would operate for instructional purposes from 8:00 a.m. until 9:00 p.m. Monday through Friday and from 8:00 a.m. to 1:00 p.m. on Saturday.

This study was directed by Associate Dean Gibbon Butler of the College of Liberal Arts and Sciences, and a report was submitted, copies of which were sent to all members of the Board of Trustees. In the study and in the preparation of the report, Dean Butler had the advice of the deans of the colleges, the directors of the schools and institutes, and other University officers with major administrative responsibilities.

President Henry presented Dean Butler who discussed the report and answered questions.

A copy of the report was filed with the Secretary of the Board for record. At the request of Mrs. Watkins, the Secretary was directed to send copies of the report to all members of the Illinois Commission of Higher Education and to delegates to the Commission.

BUILDING PROGRAM FOR 1961-63

(44) Submitted herewith is the proposed building program for the biennium of 1961-63. It is based upon the recommendations of the University Building Program Committee and consultation with the University Council.

I recommend that the Board of Trustees approve this building program for 1961-63 for presentation to the Department of Finance, the Illinois Budgetary Commission, and other state officers and committees of the Seventy-second General Assembly of Illinois; and I further recommend that the President of the Board, the Chairmen of the Board Committees on Buildings and Grounds, General Policy, and Finance, and the President of the University be authorized to represent the Board of Trustees in such conferences as may be required in discussing the program with state officials.

State law requires that the University file with the Department of Finance no later than November 1 estimates of income and expenses from state appropriations for the biennium beginning the following July. The operating budget to be recommended from state appropriations for the biennium of 1961-63 will be presented to the Board of Trustees at a later meeting.

The report of the University Building Program had been submitted to members of the Board of Trustees for study in advance of today's meeting. Professor Norman A. Parker, Chairman of the Committee, had previously made preliminary reports to the Committee on Buildings and Grounds at meetings in May and June, and he now formally presented the report with the recommendations of his Committee and the concurrence of the President of the University.

Following this presentation and discussion, on motion of Mr. Swain, the recommendations were approved and authority was given as requested. This action was taken by the following vote: Aye, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Herrick, Mr. Stratton; Mr. Hughes was present during most of the meeting but was absent when this matter was considered and the vote taken.

The report appears as an appendix to these minutes on pages 73 to 88.

NONSALARIED FACULTY OF THE COLLEGE OF MEDICINE, 1960-61

(45) I present the following list of appointments to the nonsalaried faculty of the College of Medicine for the academic year beginning September 1, 1960, unless otherwise indicated, and request that the President of the University be authorized to make such additional appointments and other changes, and to accept resignations, as are desirable and necessary.

Appointments of Professors and Associate Professors are on indefinite tenure; all others are for one year from September 1, 1960, unless otherwise stated. New appointments are so indicated.

Summary		
Department	1959-60	1960-61
Anatomy.....	8	8 (1)*
Biological Chemistry.....	6	8
Clinical Science.....	6	6
Dermatology.....	25 (2)	23 (1)
Medical Social Work.....	4	3
Medicine.....	267 (19)	284 (21)
Microbiology.....	3	3 (1)
Neurology and Neurological Surgery.....	17	12
Obstetrics and Gynaecology.....	95 (3)	96 (4)
Ophthalmology.....	69 (2)	69 (5)
Orthopaedic Surgery.....	31 (1)	32 (1)
Otolaryngology.....	68 (6)	67 (6)
Pathology.....	35 (1)	38 (2)
Pediatrics.....	62 (4)	58 (6)
Pharmacology.....	2	2
Physical Medicine and Rehabilitation.....	3	2
Physiology.....	4	4
Preventive Medicine.....	5 (1)	7 (1)
Psychiatry.....	108 (3)	102 (3)
Public Health.....	7	8
Radiology.....	22	27
Surgery (including Urology and Anesthesiology).....	207 (12)	218 (11)
Total.....	1 054 (54)	1 077 (63)

Anatomy

GUSTAV ZECHEL, Lecturer with rank of Associate Professor, *Emeritus*
 PHILIP A. CASELLA, Clinical Assistant Professor
 ARTHUR F. CIPOLLA, Clinical Assistant Professor
 LAWRENCE G. KHEDDOO, Clinical Assistant Professor
 FRANK A. VICARI, Clinical Assistant Professor
 H. PAUL CARSTENS, Research Associate
 ARTHUR T. HAEBICH, Research Associate
 FAITH W. LAVELLE, Research Associate

Biological Chemistry

MAX K. HORWITT, Associate Professor
 HOWARD H. SKY-PECK, Assistant Professor
 GORDON S. STEWART, Assistant Professor
 IRVING LYON, Assistant Professor
 ABRAHAM S. MARKOWITZ, Assistant Professor
 HERMANN G. MATTENHEIMER, Assistant Professor
 RICHARD D. COLEMAN, Instructor
 ALVIN J. GLASKY, Instructor

Clinical Science

KAO HWANG, Clinical Assistant Professor
 TSUNG-MIN LIN, Assistant Professor
 E. RHODA GRANT, Research Associate
 HERBERT KAHN, Research Associate
 GEORGE E. PARK, Research Associate
 DANIEL S. STEVENS, Research Associate

Dermatology

JAMES H. MITCHELL, Clinical Professor (Rush), *Emeritus*¹
 LEONARD F. WEBER, Clinical Professor

* The figures in parentheses indicate the number of emeritus members.

¹ The designation (Rush) in a title is used to identify former members of the Rush Medical College faculty who were taken over by the University in 1941 as part of the affiliation with the Presbyterian Hospital by authority of the Board of Trustees.

² Also Resident at Research and Educational Hospitals.

³ Also Resident at Presbyterian-St. Luke's Hospital.

⁴ Also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary.

⁵ Also Resident at Research and Educational Hospitals assigned to Illinois Juvenile Research.

CLARK W. FINNERUD, Clinical Associate Professor (Rush)
PAUL R. GRIFFITH, Clinical Associate Professor
JOHN B. HAEERLIN, JR., Clinical Associate Professor
IRENE NEUHAUSER, Clinical Associate Professor
MILTON ROBIN, Clinical Associate Professor
ALBERT H. SLEPYAN, Clinical Associate Professor
SIDNEY BARSKY, Clinical Assistant Professor
SAMUEL W. BECKER, JR., Clinical Assistant Professor
ALFRED B. FALK, Clinical Assistant Professor
LOUIS RUBIN, Clinical Assistant Professor
BERNARD YAFFE, Clinical Assistant Professor
FRANCIS W. HETREED, Clinical Associate
RICHARD M. OLIVER, Clinical Associate
EDWIN M. SMITH, Clinical Associate
OTTO C. STEGMAIER, Research Associate
STEFAN, BIELINSKI, Clinical Instructor
ALLEN S. PEARL, JR., Clinical Instructor
HAROLD M. SPINKA, Clinical Instructor
JACK M. FOX, Assistant[†]
MARTIN L. GECHT, Clinical Assistant
ROBERT H. HARDING, Clinical Assistant

Medical Social Work

JOSEPHINE G. TAYLOR, Assistant Professor
CORDELIA D. DERRICOTE, Instructor
JEAN Y. SERIKAKU, Instructor

Medicine

WALTER C. ALVAREZ, Lecturer with rank of Professor, *Emeritus*
AARON ARKIN, Clinical Professor (Rush), *Emeritus*
MORRIS FISHBEIN, Lecturer with rank of Professor (Rush), *Emeritus*
ELLIS B. FREILICH, Clinical Professor, *Emeritus*
WILLIAM G. HIBBS, Clinical Professor (Rush), *Emeritus*
WILBER E. POST, Clinical Professor (Rush), *Emeritus*
SIDNEY STRAUSS, Clinical Professor, *Emeritus*
WILLIAM A. THOMAS, Clinical Professor (Rush), *Emeritus*
ALBERT VANDERKLOOT, Clinical Professor, *Emeritus*
S. HOWARD ARMSTRONG, JR., Professor
JAMES A. CAMPBELL, Professor
JAMES B. EYERLY, Clinical Professor (Rush)
WILLIAM S. HOFFMAN, Lecturer with rank of Professor
FRANK B. KELLY, Clinical Professor (Rush)
HAROLD C. LUETH, Clinical Professor
KARL H. PFUETZE, Clinical Professor
BEN Z. RAPPAPORT, Clinical Professor
THEODORE B. SCHWARTZ, Professor
LEROY H. SLOAN, Clinical Professor
BENJAMIN GOLDBERG, Clinical Associate Professor, *Emeritus*
ALVA A. KNIGHT, Clinical Associate Professor (Rush), *Emeritus*
FRANK B. LUSK, Clinical Associate Professor, *Emeritus*
SAMUEL PERLSTEIN, Clinical Associate Professor, *Emeritus*
HOWARD M. SHEAFF, Clinical Associate Professor (Rush), *Emeritus*
HOWARD WAKEFIELD, Clinical Associate Professor, *Emeritus*
MELVIN L. AFREMOW, Clinical Associate Professor
EVAN M. BARTON, Clinical Associate Professor (Rush)
ARTHUR BERNSTEIN, Clinical Associate Professor
RICHARD B. CAPPS, Clinical Associate Professor
LOUIS FELDMAN, Clinical Associate Professor
JACOB W. FISCHER, Clinical Associate Professor
MURRAY FRANKLIN, Clinical Associate Professor
JOHN S. GRAETTINGER, Associate Professor
EARLE GRAY, Clinical Associate Professor (Rush)
PAUL HELLER, Associate Professor
EDWIN N. IRONS, Clinical Associate Professor

ROY J. KORN, Associate Professor
ROBERT O. LEVITY, Clinical Associate Professor
MEYER R. LICHTENSTEIN, Clinical Associate Professor
ARMAND LITTMAN, Associate Professor
CLAYTON J. LUNDY, Clinical Associate Professor (Rush)
J. CHARLES McMILLAN, Jr., Clinical Associate Professor
MILTON M. MOSKO, Clinical Associate Professor
JEROME T. PAUL, Clinical Associate Professor
OGLESBY PAUL, Clinical Associate Professor
ISADORE PILOT, Clinical Associate Professor
THEODORE Z. POLLEY, Clinical Associate Professor
SAMUEL H. ROSENBLUM, Clinical Associate Professor
WILLIAM SAPHIR, Clinical Associate Professor
JAMES A. SCHOENBERGER, Clinical Associate Professor
MITCHELL A. SPELLBERG, Clinical Associate Professor
IRVING E. STECK, Clinical Associate Professor
GEORGE W. STUPPY, Clinical Associate Professor (Rush)
EUGENE F. TRAUT, Clinical Associate Professor (Rush)
RALPH W. TRIMMER, Clinical Associate Professor (Rush)
FRANK E. TROBAUGH, Jr., Associate Professor
WILLARD L. WOOD, Clinical Associate Professor (Rush)
LEO E. AMTMAN, Clinical Assistant Professor, *Emeritus*
JOHN A. GARDINER, Clinical Assistant Professor (Rush), *Emeritus*
BENJAMIN H. HILKEVITCH, Clinical Assistant Professor (Rush), *Emeritus*
OSMUND H. AKRE, Clinical Assistant Professor
RAY F. BEERS, Jr., Clinical Assistant Professor
MAX BERG, Clinical Assistant Professor
LIONEL M. BERNSTEIN, Assistant Professor
GEORGE H. BERRYMAN, Clinical Assistant Professor
HERBERT C. BREUHAUS, Clinical Assistant Professor (Rush)
DAVID BRONSKY, Clinical Assistant Professor
RALPH G. BROWN, Clinical Assistant Professor
GEORGE V. BYFIELD, Clinical Assistant Professor
ROBERT W. CARTON, Clinical Assistant Professor
MELVIN M. CHERTACK, Clinical Assistant Professor
THOMAS J. COOGAN, Clinical Assistant Professor
ANGELO P. CRETICOS, Clinical Assistant Professor
THEODORE R. DAKIN, Clinical Assistant Professor
HUGO O. DEUSS, Lecturer with rank of Assistant Professor
NORMAN J. EHRLICH, Clinical Assistant Professor
SANFORD A. FRANZBLAU, Clinical Assistant Professor
GERHARD FREUND, Clinical Assistant Professor
CLARENCE L. GANTT, Clinical Assistant Professor
RAYMOND M. GALT, Clinical Assistant Professor
ROLF GUNNAR, Clinical Assistant Professor
AARON GUNTHER, Clinical Assistant Professor
BUPFORD HALL, Clinical Assistant Professor
WILLIAM J. HAND, Clinical Assistant Professor
HARRY L. HUNTER, Clinical Assistant Professor
ERVIN KAPLAN, Clinical Assistant Professor
ROLAND L. KESLER, Clinical Assistant Professor (Rush)
JANET R. KINNEY, Clinical Assistant Professor
SYDNEY KOFMAN, Assistant Professor
SHELDON E. KRASNOW, Clinical Assistant Professor
GRANT H. LAING, Clinical Assistant Professor
CHARLES H. LAWRENCE, Clinical Assistant Professor
HERMAN A. LEVY, Clinical Assistant Professor
JEROME S. MEHLMAN, Clinical Assistant Professor
ROBERT C. MUEHRCKE, Clinical Assistant Professor
JOSEPH J. MUENSTER, Jr., Assistant Professor
JOHN R. NECHELES, Clinical Assistant Professor
BERTRAM G. NELSON, Clinical Assistant Professor (Rush)
LAWRENCE PERLMAN, Clinical Assistant Professor
VICTOR E. POLLAK, Research Assistant Professor

ROBERT M. POSKE, Clinical Assistant Professor
JOHN POST, Clinical Assistant Professor (Rush)
OLDRICH PREC, Lecturer with rank of Assistant Professor
MARJORIE M. PYLE, Clinical Assistant Professor
EUGENE J. RANKE, Clinical Assistant Professor
PAUL RAVENNA, Clinical Assistant Professor
ALFRED H. ROSENBLUM, Clinical Assistant Professor
ANTHONY R. SAPIENZA, Clinical Assistant Professor
ARMIN F. SCHICK, Clinical Assistant Professor (Rush)
JOHN T. SHARP, Clinical Assistant Professor
ELIZABETH K. STRAUS, Lecturer with rank of Assistant Professor (Rush)
GRAHAM A. VANCE, Clinical Assistant Professor
SEYMOUR W. WEISBERG, Clinical Assistant Professor
GERALD A. WILLIAMS, Clinical Assistant Professor
EDWARD O. WILLOUGHBY, Clinical Assistant Professor
EDWARD J. WISS, Clinical Assistant Professor
ALEXANDER WOLF, Clinical Assistant Professor
SIMON ZIVIN, Clinical Assistant Professor
EUGENE GROSZ, Clinical Associate, *Emeritus*
ROBERT N. HEDGES, Clinical Associate, *Emeritus*
J. LISLE WILLIAMS, Associate, *Emeritus*
GEORGE P. BALLARD, Clinical Associate
ROBERT J. BECKER, Clinical Associate
ALBIN M. BRIKEY, JR., Clinical Associate
JOSEPH A. DAVIS, Clinical Associate
ALESSANDRO EMANUELI, Research Associate (fourteen months from July 1, 1960)
BENJAMIN W. FOX, Clinical Associate
DONALD T. FOXWORTHY, Clinical Associate
ROBERT C. FRUIN, Clinical Associate
MORTON A. GOLDMANN, Clinical Associate
LUKE J. GRIMELLI, Clinical Associate
CARL A. HEDBLUM, JR., Clinical Associate
WILLIAM H. HIGHSTONE, Clinical Associate
WALTER F. HOEPPNER, Clinical Associate
BENJAMIN M. KAPLAN, Clinical Associate
WILLIAM J. KIRBY, Clinical Associate (Rush)
BRUCE D. LEE, Clinical Associate
AUDLEY R. MAMBY, Clinical Associate
LESTER A. NALEFSKI, Clinical Associate
DONALD E. O'BRIEN, Clinical Associate
HELEN L. RHETTA, Clinical Associate
RIGBY C. ROSKELLEY, Clinical Associate
SEYMOUR R. SALBERG, Clinical Associate
RALPH A. SCALA, Clinical Associate
CHARLES S. VIL, Clinical Associate
HAROLD M. SCHOOLMAN, Clinical Associate (on leave of absence)
MAURICE M. ALBALA, Clinical Instructor
C. CLYDE ANDERSON, Instructor (one year from July 1, 1960)*
WILLIAM J. ANDREWS, Clinical Instructor
BERTHE E. ARMSTRONG, Clinical Instructor
MARY B. BACKER, Clinical Instructor (fourteen months from July 1, 1960)
DAVID BALDWIN, Clinical Instructor
SAMUEL BERGER, Clinical Instructor
HERBERT E. BESSINGER, Clinical Instructor
WILLIAM E. BRETZ, Clinical Instructor
ERNEST R. BROOKS, Clinical Instructor
WILLIAM C. BROWN, Clinical Instructor
FRANK C. CARTER, Clinical Instructor
JOHN L. CIRZAN, Clinical Instructor
G. WILLIAM COTTS, Clinical Instructor
THOMAS D. DALE, JR., Clinical Instructor
J. CALVIN DAVIS III, Instructor (one year from July 1, 1960)*
ROBERT E. DEDMON, Instructor (one year from July 1, 1960)

GEORGE A. DEJONG, Clinical Instructor
JOHN A. DETWEILER, Clinical Instructor
HENRY D. DEYOUNG, Clinical Instructor
MICHAEL M. DIGILIO, Clinical Instructor
DEAN F. DIMICK, Clinical Instructor
ROBERT E. ECKLUND, Instructor (one year from July 1, 1960)*
PETER J. FARAGO, Clinical Instructor
ROBERT E. FELIX, Instructor
THOMAS J. FITZPATRICK, Clinical Instructor
GEORGE C. FLANAGAN, Instructor (on leave of absence for military service) (one year from July 1, 1960)
RONALD E. FOX, Clinical Instructor
WILLIAM I. FREUD, Clinical Instructor
RAYMONDS G. GAILITIS, Clinical Instructor
WILLIAM R. GARR, Clinical Instructor
CARL A. GEBUHR, Clinical Instructor
IRVING GREENSPAN, Clinical Instructor (on leave of absence)
THOMAS H. HAYES, Clinical Instructor
ROBERT N. HEDGES, JR., Clinical Instructor
ROBERT L. HERTING, Clinical Instructor
ALLEN HOFFMAN, Clinical Instructor
NATHAN J. IGLITZEN, Clinical Instructor
MOHAMMAD INAYATULLAH, Instructor (one year from July 1, 1960)
RODNEY A. JAMIESON, Clinical Instructor
HAROLD L. JENSEN, Clinical Instructor
LOUIS C. JOHNSTON, Clinical Instructor
FRANK W. JONES, Clinical Instructor
JOHN C. JONES, Clinical Instructor
PHILIP N. JONES, Clinical Instructor
IRENE G. KAGANIEC, Clinical Instructor
ROBERT S. KASSRIEL, Clinical Instructor
FRANK B. KELLY, JR., Clinical Instructor
WALLACE W. KIRKLAND, JR., Clinical Instructor
JOHN C. KULIS, Clinical Instructor
EDWARD A. LICHTER, Instructor (one year from July 1, 1960)*
RANDALL L. MANN, Clinical Instructor
JULIO MARSI, Clinical Instructor
SAMUEL MATLIN, Clinical Instructor
PETER S. MAYER, Clinical Instructor
WILLIAM R. MCCABE, Instructor (fourteen months from July 1, 1960)
VIDVUDS MEDENIS, Clinical Instructor
PAUL A. MEREDITH, Clinical Instructor
MORGAN M. MEYER, Clinical Instructor
THOMAS MORRISON, Clinical Instructor
LOUIS M. NEWTON, Instructor (one year from July 1, 1960)
JOSEPH R. NORA, Clinical Instructor
JOSHUA ODEN, JR., Clinical Instructor
LEONARD OHRINGER, Clinical Instructor
RALPH PACINI, Clinical Instructor
LUBEN C. PENEV, Clinical Instructor
CHARLES P. PERLIA, Clinical Instructor
WILLIAM H. PHELAN, Instructor
FRANK E. PRESTIPINO, Clinical Instructor (fourteen months from July 1, 1960)
GLOUCESTER A. PRICE, JR., Clinical Instructor
ANITA ROBBINS, Clinical Instructor
DEAN S. ROSSET, Clinical Instructor
ROGER R. SCHUESSLER, Instructor (one year from July 1, 1960)*
WILLIAM K. SCUPHAM, Clinical Instructor
JAMES P. SHOMAKER, Instructor (one year from July 1, 1960)*
VITOLDS R. SILINS, Instructor (one year from July 1, 1960)*
ROBERT E. SLAYTON, Clinical Instructor
LEONARD S. SLUZVNSKI, Clinical Instructor
CLIFFORD W. SMITH, Clinical Instructor

MARSHALL J. SNAPP, Clinical Instructor
 SOLOMON SOBEL, Instructor (one year from July 1, 1960)²
 WILLIAM R. STARR, Clinical Instructor
 HARRY B. STONE, Clinical Instructor
 JEROME F. STRAUSS, JR., Clinical Instructor
 DONALD W. TARUN, Clinical Instructor
 MARIAN S. TARZYNSKI, Clinical Instructor (fourteen months from July 1, 1960)
 KASRIEL TAUSK, Clinical Instructor
 RAYMOND TEPLITZ, Clinical Instructor
 CHESTER B. THRIFT, Clinical Instructor
 ANGELO TOIGO, Clinical Instructor
 ALSTON C. TWISS, Clinical Instructor
 EARL A. VONDRASEK, Clinical Instructor
 JACK WILLIAMS, Clinical Instructor
 PAUL L. WINTER, Instructor (one year from July 1, 1960)²
 CHARLES K. WOLFE, JR., Clinical Instructor
 JAMES R. ZVETINA, Clinical Instructor
 EARL T. ANDERSON, Assistant (one year from July 1, 1960)²
 FRANK O. BECKER, Assistant (one year from July 1, 1960)²
 JOHN D. BEST, Assistant (one year from July 1, 1960)²
 ALLEN F. BOWYER, Assistant (one year from July 1, 1960)²
 EMANUEL O. BRAMS, Assistant (one year from July 1, 1960)²
 JOSEPH T. BRANIT, Clinical Assistant
 WILLIAM A. CARO, Assistant (one year from July 1, 1960)²
 NEIL S. CHERNIACK, Assistant (one year from July 1, 1960)²
 KENNETH COHEN, Clinical Assistant
 DONALD E. DARLING, Clinical Assistant (on leave of absence for military service)
 ROBERT L. DEVETSKI, Assistant (one year from July 1, 1960)²
 CHARLES M. ELWOOD, Assistant (one year from July 1, 1960)²
 JOHN E. FORAN, Clinical Assistant
 RICHARD P. FOTH, Assistant (one year from July 1, 1960)²
 JOSEPH S. GONNELLA, Assistant (one year from July 1, 1960)²
 GERHARD H. HAASE, Clinical Assistant
 JEROME L. HANDLER, Clinical Assistant
 MEILUTE A. INDREIKA, Clinical Assistant
 SHELDON M. KAHN, Assistant (one year from July 1, 1960)²
 LARRY M. KEER, Assistant (one year from July 1, 1960)²
 NICHOLAS KEPALIDES, Assistant (one year from July 1, 1960)²
 THOMAS L. KEMPER, Assistant (one year from July 1, 1960)²
 CHARLES W. KOIVUN, Assistant (one year from July 1, 1960)²
 WILLIAM T. LAMPE II, Assistant (one year from July 1, 1960)²
 JAMES R. LAWRENCE, Assistant (seven months from September 1, 1960)
 JOHN LOCKHART, Assistant (one year from July 1, 1960)²
 PATRICIA A. MCCREARY, Clinical Assistant
 HOWARD A. MUELLER, Assistant (one year from July 1, 1960)²
 ROBERT F. O'BOYLE, Assistant (one year from July 1, 1960)²
 CHARLES H. PATTON, Assistant (one year from July 1, 1960)²
 MARVIN S. ROSENBERG, Clinical Assistant (on leave of absence for military service)
 DAVID RUSH, Assistant (one year from July 1, 1960)²
 RICHARD J. SASSETTI, Assistant (one year from July 1, 1960)²
 ANTHONY M. SCARDINO, Clinical Assistant (on leave of absence for military service)
 JAY SILVERMAN, Assistant (one year from July 1, 1960)
 SHELDON J. SLODKI, Clinical Assistant
 VINCENT STAUNTON, Assistant (one year from July 1, 1960)²
 JOHN C. STUTZMAN, Assistant (one year from July 1, 1960)²
 ALF M. TANNENBERG, Assistant (one year from July 1, 1960)²
 JAMES D. WISMAR, Assistant (one year from July 1, 1960)²

Microbiology

GEORGE F. FORSTER, Lecturer with rank of Assistant Professor
 RALPH H. HUBBLE, Lecturer with rank of Instructor
 ELTA W. KNOLL, Assistant, *Emerita*

Neurology and Neurological Surgery

LOREN W. AVERY, Clinical Professor (Rush)
ARTHUR ARNOLD, Clinical Assistant Professor
NATHAN ZOLT, Clinical Associate
VIRGINIA R. SORUM, Clinical Instructor
PATRICK W. ELWOOD, Assistant²
ALLAN E. KAGEN, Assistant²
PHILIPP M. LIPPE, Assistant²
SUAT G. PIROGLU, Assistant²
ROY C. SELBY, Jr., Assistant²
ELI TOBIAS, Assistant²
GORO TSUCHIYA, Assistant²
LYLE E. WACASER, Assistant²

Obstetrics and Gynecology

EDWARD D. ALLEN, Clinical Professor (Rush), *Emeritus*
HARRY BOYSEN, Clinical Professor (Rush)
EUGENE A. EDWARDS, Clinical Professor
ABRAHAM F. LASH, Clinical Professor
JAMES P. FITZGIBBONS, Clinical Associate Professor
ARTHUR H. KLAUWANS, Clinical Associate Professor (Rush)
ALFRED J. KOBAK, Clinical Associate Professor
RICHARD A. LIFVENDAHL, Clinical Associate Professor
FRED OWEN PRIEST, Clinical Associate Professor (Rush)
GEORGE H. REZEK, Clinical Associate Professor
HARRY K. WADDINGTON, Clinical Associate Professor
JOHN R. WOLFF, Clinical Associate Professor
WALTER C. HAMMOND, Clinical Assistant Professor, *Emeritus*
JOHN M. LANG, Assistant Professor, *Emeritus*
RICHARD H. ANDRESEN, Clinical Assistant Professor
HUGO C. BAUM, Clinical Assistant Professor (Rush)
ROBERT A. BEEBE, Clinical Assistant Professor
SOL J. BENENSOHN, Clinical Assistant Professor
MICHAEL H. BOLEY, Clinical Assistant Professor
CLAIR M. CAREY, Clinical Assistant Professor
AUGUST F. DARO, Clinical Assistant Professor
SOL T. DELEE, Clinical Assistant Professor
VINCENT S. DIGIULIO, Clinical Assistant Professor
CECIL DRAA, Clinical Assistant Professor (Rush)
DEANE M. FARLEY, Clinical Assistant Professor
GEORGE C. FINOLA, Clinical Assistant Professor
WILLIAM F. GEITTMANN, Clinical Assistant Professor
ROBERT J. GLENNER, Clinical Assistant Professor
JOHN P. HARROD, Jr., Clinical Assistant Professor
CHARLES D. KRAUSE, Clinical Assistant Professor
ROCCO V. LOBRAICO, Clinical Assistant Professor
JOHN S. LONG, Clinical Assistant Professor
ARMAND J. MAUZEY, Clinical Assistant Professor
JOHN W. PAYNE, Clinical Assistant Professor
LOWELL F. PETERSON, Clinical Assistant Professor
FREDERICK J. ROOS, Clinical Assistant Professor
HARRY SERED, Clinical Assistant Professor
C. OTIS SMITH, Clinical Assistant Professor
MANUEL SPIEGEL, Clinical Assistant Professor
JOSEPH B. TETON, Clinical Assistant Professor
FRANK J. WALSH, Clinical Assistant Professor
JOSEPH S. ANGELL, Clinical Instructor
JOHN F. BARTELS, Clinical Instructor
JAMES A. CAVEBO, Instructor (one year from July 1, 1960)*
DONALD M. FAHRENBACH, Clinical Instructor
EDWIN L. FALLOON, Clinical Instructor
HARVEY A. GOLLIN, Clinical Instructor
BERNARD M. KAYE, Clinical Instructor
JOHN R. KOSTELNY, Clinical Instructor

VINCENT A. LAVIERI, Clinical Instructor
 LAWRENCE LEVINE, Clinical Instructor
 THEODORE C. MOUZAKEOTIS, Clinical Instructor
 JOSEPH J. MULLEN, Clinical Instructor
 EDWIN E. NYMAN, Clinical Instructor
 GEORGE PEPPER, Instructor (one year from July 1, 1960)²
 MICHAEL P. PILL, Clinical Instructor
 PHILANDER RICKS, JR., Instructor (one year from July 1, 1960)²
 MARVIN A. ROSNER, Clinical Instructor
 MEYER D. RUTGARD, Clinical Instructor
 JACK A. SAMPSON, Clinical Instructor
 SEYMOUR SHOLDER, Clinical Instructor
 JAMES A. SINGLETON, Instructor (one year from July 1, 1960)²
 HAROLD E. SMITH, Clinical Instructor
 ROBERT G. STONE, Clinical Instructor
 EDGAR B. SYLVESTER, Clinical Instructor
 NATHAN TOLWINSKY, Clinical Instructor
 NANCY C. TREADWELL, Clinical Instructor
 VASIL TRUCHLY, Clinical Instructor (fourteen months from July 1, 1960)
 GEORGE P. VLASIS, Clinical Instructor
 LAVERNE M. WALLHEISER, Clinical Instructor
 ALVIN F. WIERSMA, Clinical Instructor
 BRUCE P. ZUMMO, Clinical Instructor
 JOHN A. AIMONE, Clinical Assistant
 KURT BOCHNER, Assistant (one year from July 1, 1960)²
 GEORGE C. BONERTZ, Assistant (one year from July 1, 1960)²
 DELOS E. COZAD, Clinical Assistant
 ANDREW V. DAHLBERG, Clinical Assistant
 WILLIAM A. GILLINGER, Assistant (one year from July 1, 1960)²
 WILLIAM P. GORDON, JR., Assistant (one year from July 1, 1960)²
 HASSAN M. HASSAN, Assistant (one year from July 1, 1960)²
 MARIO A. IRIGOYEN, Clinical Assistant
 ELMER J. JUSTEMA, Clinical Assistant
 SIDNEY C. KAHN, Clinical Assistant
 JOHN S. KARAMITSOS, Assistant (one year from July 1, 1960)²
 ANTHONY M. KENWICK, Clinical Assistant
 ALVIN LANGER, Assistant (one year from July 1, 1960)²
 ROBERT J. LEE, Assistant (one year from July 1, 1960)²
 MARSHAL S. LEVINE, Assistant (one year from July 1, 1960)²
 JOHN D. MURPHY, Assistant (one year from July 1, 1960)²
 DENES ORBAN, Assistant (one year from July 1, 1960)²
 ROBERT H. OBERHELMAN, Clinical Assistant
 ADRIAN R. OLECK, Clinical Assistant
 RICHARD R. ROHIE, Assistant (one year from July 1, 1960)²
 GABRIEL A. RODRIGUEZ, Assistant (one year from July 1, 1960)²
 LAWRENCE J. SYKORA, Clinical Assistant

Ophthalmology

WILLIAM F. MONCREIFF, Clinical Professor (Rush), *Emeritus*
 WILLIAM F. HUGHES, Clinical Professor
 EARLE B. FOWLER, Clinical Associate Professor (Rush), *Emeritus*
 GEORGIANA D. THEOBALD, Clinical Associate Professor and Clinical Pathologist,
Emerita
 CARL APPLE, Clinical Associate Professor
 JOSEPH S. HAAS, Clinical Associate Professor
 DANIEL SNYDACKER, Clinical Associate Professor
 THEODORE N. ZEKMAN, Clinical Associate Professor
 JAMES W. CLARK, Clinical Assistant Professor
 LOUIS FEINBERG, Clinical Assistant Professor
 NATHAN H. FOX, Clinical Assistant Professor
 ROBERT R. HERBST, Clinical Assistant Professor
 GILBERT ISER, Clinical Assistant Professor
 DAVID B. MAHER, Clinical Assistant Professor

H. ISABELLE MCGARRY, Clinical Assistant Professor
 G. HENRY MUNDT, JR., Clinical Assistant Professor
 EDWARD A. PUSHKIN, Clinical Assistant Professor
 WILLIAM ROSENBERG, Clinical Assistant Professor
 SAMUEL M. SCHALL, Clinical Assistant Professor
 KARL J. SCHERIBEL, Clinical Assistant Professor (Rush)
 MANUEL L. STILLERMAN, Clinical Assistant Professor
 MARTIN J. URIST, Clinical Assistant Professor
 VERNON M. LEECH, Clinical Associate, *Emeritus*
 WALTER L. BAYARD, Clinical Associate
 ALDONA A. JUSKA, Clinical Associate
 ARTHUR LIGHT, Clinical Associate
 ROBERT MURPHY, Clinical Associate
 VALDO P. OLEARI, Clinical Associate
 JUDITH V. PERRY, Clinical Associate
 KARL E. TICHO, Clinical Associate
 MOHAMMAD S. OUSQUI, Research Associate
 DAVID V. L. BROWN, Clinical Instructor
 MICHAEL CARROLL, Clinical Instructor
 JOHN R. CASSADY, Clinical Instructor
 VIVIAN A. CATION, Clinical Instructor
 WILLIAM DEUTSCH, Clinical Instructor
 GEORGE T. FITZGERALD, Clinical Instructor
 LEONA R. FORDON, Clinical Instructor
 BARBARA SPIRO, Clinical Instructor
 JOSEPH TATAR, Clinical Instructor
 ALBERT TENNENBAUM, Clinical Instructor
 JACK TRESLEY, Clinical Instructor
 HENRY S. WEISKOPF, Clinical Instructor
 EDWIN S. WOOD, Clinical Instructor
 WILLIAM M. ADLER, Assistant (one year from July 1, 1960)⁴
 INEZ ATKINSON, Assistant (one year from July 1, 1960)⁴
 RICHARD E. BERGE, Assistant (one year from July 1, 1960)⁴
 CURTIS F. DETERS, Assistant (one year from July 1, 1960)⁴
 MARSHALL DIAMOND, Assistant (one year from July 1, 1960)⁴
 T. EARLE DUKES, Assistant (one year from July 1, 1960)⁴
 HOMER GOLDSTEIN, Assistant (one year from July 1, 1960)⁴
 RAYMOND HECHTER, Assistant (one year from July 1, 1960)⁴
 MICHAEL V. HINKEN, Assistant (one year from July 1, 1960)⁴
 DONALD HOLZBERG, Assistant (one year from July 1, 1960)⁴
 ROBERT JENKINS, Assistant (one year from July 1, 1960)⁴
 JAMES KILLOH, Assistant (one year from July 1, 1960)⁴
 WALTER KLEIS, Assistant (one year from July 1, 1960)⁴
 C. REX LATTI, Assistant (one year from July 1, 1960)⁴
 DAVID MILLER, Assistant (one year from July 1, 1960)⁴
 DELBERT P. NACHAZEL, Assistant (one year from July 1, 1960)⁴
 WILLIAM G. NICOL, Assistant (one year from July 1, 1960)⁴
 GEORGE H. RAAB, Assistant (one year from July 1, 1960)⁴
 JOSEPH M. ROBBINS, Assistant (one year from July 1, 1960)⁴
 PAUL J. SCHMIDT, Assistant (one year from July 1, 1960)⁴
 RICHARD F. SCHWERDT, Assistant (one year from July 1, 1960)⁴
 RICHARD UNDERRINER, Assistant (one year from July 1, 1960)⁴
 MAURICE F. RAEB, Assistant (one year from July 1, 1960)⁴

Orthopaedic Surgery

FRANK G. MURPHY, Clinical Associate Professor, *Emeritus*
 CARLO S. SCUDERI, Clinical Associate Professor in Orthopaedics
 FRED SHAPIRO, Clinical Associate Professor⁵
 THOMAS D. HALL, Clinical Assistant Professor⁵
 WILLIAM A. MARSHALL, Clinical Assistant Professor
 LEO F. MILLER, Clinical Assistant Professor
 DONALD ROSS, Clinical Assistant Professor
 HORACE E. TURNER, Clinical Assistant Professor (on leave of absence September, 1960)

ERNO B. HIDVEGI, Research Associate
 TAWFIK Y. SABET, Research Associate
 JAMES P. AHSTROM, Clinical Instructor
 RICHARD M. CRONIN, Clinical Instructor
 CHRISTOPHER F. G. ELLIS, Instructor²
 KENNETH O. FETROW, Instructor¹
 ROBERT C. HAMILTON, Instructor²
 FRANCIS M. HOWARD, Clinical Instructor
 BRIAN H. HUNCKE, Instructor²
 WILLIAM F. MCCOLL, JR., Instructor²
 ROBERT P. MEANY, Clinical Instructor
 WILLIAM MELTZER, Instructor²
 ALBERT J. NOVOTNY, Clinical Instructor
 CLIFFORD O. NYMAN, Clinical Instructor
 RAYMOND J. PELLICORE, Clinical Instructor
 WALTER R. PETERSEN, Clinical Instructor
 IRWIN B. RICH, Clinical Instructor
 ANTONI TRIAS, Instructor¹
 LOUIS S. VARZINO, Clinical Instructor (Rush)
 RICHARD A. FREIBERG, Assistant²
 WILLIAM F. HEJNA, Assistant²
 ALAIN F. MENGUY, Assistant²
 ESTHER D. MENSEN, Research Assistant
 WILLIAM H. NEWMAN, Clinical Assistant

Otolaryngology

DANIEL A. HAYDEN, Clinical Professor (Rush), *Emeritus*
 ABRAHAM R. HOLLENDER, Professor, *Emeritus*
 WALTER H. THEOBALD, Clinical Professor, *Emeritus*
 OLIVER E. VAN ALYEA, Clinical Professor, *Emeritus*
 SAMUEL M. MORWITZ, Clinical Associate Professor, *Emeritus*
 RICHARD W. WATKINS, Clinical Associate Professor, *Emeritus*
 ALBERT H. ANDREWS, JR., Clinical Associate Professor of Bronchoesophagology
 OSCAR J. BECKER, Clinical Associate Professor
 WALTER W. DALITSCH, Clinical Associate Professor
 STANTON A. FRIEDBERG, Clinical Associate Professor (Rush)
 KENNETH C. JOHNSTON, Clinical Associate Professor (Bronchoesophagology)
 G. KENNETH LEWIS, Clinical Associate Professor
 GEORGE S. LIVINGSTON, Clinical Associate Professor
 ROBERT B. LEWY, Clinical Associate Professor
 MAURICE F. SNITMAN, Clinical Associate Professor
 LINDEN J. WALLNER, Clinical Associate Professor (Rush)
 HELMUT BLUMENTHAL, Clinical Assistant Professor
 EDWARD L. CHAINSKI, Clinical Assistant Professor
 ARTHUR J. COOMBS, Clinical Assistant Professor
 ELMER A. FRIEDMAN, Clinical Assistant Professor
 LOIS D. GREENE, Clinical Assistant Professor
 RICHARD E. MARCUS, Clinical Assistant Professor
 ARTHUR L. RATKO, Clinical Assistant Professor
 LEO A. SATZ, Clinical Assistant Professor
 LOUIS SAVITT, Clinical Assistant Professor
 FRANK WOJNIAK, Clinical Assistant Professor (Rush)
 I. ERLIN BARTLETT, Clinical Associate
 BRUNO BLUMKLOTZ, Clinical Associate
 JOSEPH F. ORRICO, Clinical Associate
 HARKISHEN SINGH, Clinical Associate
 WILLIAM A. SMILEY, Clinical Associate
 PIERCE W. THEOBALD, Clinical Associate
 JOHN A. WEIDEMANN, Clinical Associate
 DAVID F. AUSTIN, Clinical Instructor (on leave of absence)
 ROBERT H. BORKENHAGEN, Clinical Instructor
 DAVID O. DALE, Clinical Instructor
 JOSE LUIS FERRER, Clinical Instructor
 JEANNETTE FRASIER, Clinical Instructor (Audiology)

JOSEPH GYORKEY, Clinical Instructor
 COLETTE JEANTET, Clinical Instructor
 ANDREAS G. KODROS, Clinical Instructor
 ROLAND A. KOWAL, Clinical Instructor
 MILTON E. KURTH, Clinical Instructor
 MARIO D. MANSUETO, Clinical Instructor
 PHILLIP I. MOZER, Clinical Instructor (on leave of absence for military service)
 ATHANASSIOS PETER PANAGOPOULOS, Clinical Instructor
 THADDEUS S. PIERCE, Clinical Instructor
 EDWARD A. RAZIM, Clinical Instructor
 KARL H. SIEDENTOP, Clinical Instructor
 ALDO C. SIRUGO, Clinical Instructor
 KURT SPRINGER, Clinical Instructor
 JOHN W. BAXTER, Assistant (one year from July 1, 1960)²
 CHARLES D. BLUESTONE, Assistant (one year from July 1, 1960)²
 GEORGE H. CONNER, Assistant (one year from July 1, 1960)²
 ROGER A. EGGERT, Assistant (one year from July 1, 1960)²
 THOMAS E. GRIFFITH, Assistant (one year from July 1, 1960)²
 GERALD E. GUEMMER, Clinical Assistant
 PETER L. LEFFMAN, Assistant (one year from July 1, 1960)²
 A. LAWRENCE LEMEL, Assistant (one year from July 1, 1960)²
 ROY E. MATHEWS, Assistant (one year from July 1, 1960)²
 DINO G. MAURIZI, Assistant (one year from July 1, 1960)²
 ROBERT C. NEWELL, Assistant (one year from July 1, 1960)²
 ROBERT S. ROSNAGLE, Assistant (one year from July 1, 1960)²
 JOYCE A. SCHILD, Assistant (one year from July 1, 1960)²
 RONALD H. STEFANI, Assistant (one year from July 1, 1960)²
 LOUIS T. TENTA, Assistant (one year from July 1, 1960)²
 JOSEPH P. VELEK, Assistant (one year from July 1, 1960)²

Pathology

GEORGE M. HASS, Professor
 LESTER S. KING, Clinical Professor
 CARL E. CAHN-BRONNER, Professorial Lecturer, *Emeritus*
 JERRY J. KEARNS, Clinical Associate Professor, *Emeritus*
 FREDERICK C. BAUER, JR., Clinical Associate Professor
 HAROLD A. GRIMM, Clinical Associate Professor
 AARON LEARNER, Clinical Associate Professor
 COYE C. MASON, Clinical Associate Professor
 JAMES R. THOMPSON, Clinical Associate Professor
 RAYMOND A. CLASEN, Assistant Professor (fourteen months from July 1, 1960)
 DOROTHY E. ESHBAUGH, Clinical Assistant Professor
 FREDERIC O. FLOBERG, Lecturer in Legal Medicine with rank of Assistant Professor
 MOSHE G. GOLDBERG, Clinical Assistant Professor
 FRANZ E. HIRSCH, Lecturer with rank of Clinical Assistant Professor
 ROBERT V. HOFFMAN, JR., Clinical Assistant Professor
 GRANT C. JOHNSON, Clinical Assistant Professor
 ALBERT I. RUBENSTONE, Clinical Assistant Professor
 ALBERT W. SCHWEITZER, Clinical Assistant Professor
 JONAS VALAITIS, Clinical Assistant Professor
 PAUL A. VAN PERNIS, Clinical Assistant Professor
 JOHN E. MALONEY, Clinical Associate
 ROBERT W. ALEXANDER, Instructor²
 JESUS A. CABRERA, Instructor²
 GEORGE E. COX, Instructor (one year from July 1, 1960)²
 JOSEPH C. ERWIN, Clinical Instructor
 REUBEN EISENSTEIN, Instructor (one year from July 1, 1960)²
 JAMES E. HABEGGER, Clinical Instructor
 JOSEPH J. HOSEK, Instructor (one year from July 1, 1960)²
 VICTOR R. JABLOKOW, Clinical Instructor
 URSULA F. ROWLATT, Instructor
 SEVERINO S. SARMENTA, Instructor (one year from July 1, 1960)²
 W. WIKE SCAMMAN, Instructor (one year from July 1, 1960)²

EUGENE J. GOLDMAN, Assistant (one year from July 1, 1960)²
 THOMAS D. MAHONY, Assistant (one year from July 1, 1960)²
 LASZLO S. MEDGYESY, Assistant (one year from July 1, 1960)²
 JAMES C. PRITCHARD, Assistant (one year from July 1, 1960)²
 SEYMOUR ROSEN, Assistant (one year from July 1, 1960)²
 SHERWYN E. WARREN, Assistant (one year from July 1, 1960)²

Pediatrics

CRAIG D. BUTLER, Clinical Professor (Rush), *Emeritus*
 CLIFFORD GRULEE, Clinical Professor (Rush), *Emeritus*
 ARCHIBALD L. HOYNE, Clinical Professor (Rush), *Emeritus*
 HUGH McCULLOCH, Lecturer with rank of Professor, *Emeritus*
 ALFRED D. BIGGS, Clinical Professor
 BENJAMIN M. GASUL, Clinical Professor
 JOSEPH GREENGARD, Clinical Professor
 C. JACK HARRISON, Clinical Professor (Rush)
 SAMUEL J. HOFFMAN, Clinical Professor
 CHARLES K. STULIK, Clinical Associate Professor (Rush), *Emeritus*
 LAWRENCE BRESLOW, Clinical Associate Professor
 WARREN R. DAMMERS, Clinical Associate Professor
 LOUIS J. HALPERN, Clinical Associate Professor
 HARRY LEICHENGER, Clinical Associate Professor
 MATTHEW M. LEWISON, Clinical Associate Professor (Rush)
 DANIEL J. PACHMAN, Clinical Associate Professor
 IRVING B. RICHTER, Clinical Associate Professor
 NOEL G. SHAW, Clinical Associate Professor (Rush)
 NORMAN T. WELFORD, Clinical Associate Professor (Rush)
 DOROTHY H. WELKER, Clinical Associate Professor
 WOODRUFF L. CRAWFORD, Clinical Assistant Professor, *Emeritus*
 MAGNUS H. AGUSTSSON, Clinical Assistant Professor
 RENE A. ARCILLA, Clinical Assistant Professor
 HANS G. BUCHELERES, Clinical Assistant Professor
 E. H. CHRISTOPHERSON, Clinical Assistant Professor
 JOHN B. HALL, Clinical Assistant Professor
 MILDRED R. JACKSON, Clinical Assistant Professor
 HARVEY KRAVITZ, Clinical Assistant Professor
 HERMAN B. LANDER, Clinical Assistant Professor
 BESSIE L. LENDRUM, Clinical Assistant Professor
 HARRY T. NAGEL, Clinical Assistant Professor
 BRUCE B. NEWMAN, Clinical Assistant Professor
 HOMER S. PARKER, Clinical Assistant Professor
 MILDRED J. POLNIASZEK, Clinical Assistant Professor
 MARTIN SACKS, Clinical Assistant Professor
 THOMAS P. SALTIEL, Clinical Assistant Professor
 IRENE SHMIGELSKY, Clinical Assistant Professor
 CHARLES E. STEPAN, Clinical Assistant Professor
 SAMUEL THOMAS, Clinical Assistant Professor
 A. A. WOLF, Clinical Assistant Professor
 JUAN PEDRO BICOFF, Clinical Instructor
 JULIA YU CHAO, Instructor
 ELIZABETH KELLER, Clinical Instructor
 ELISABETH S. LASSERS, Clinical Instructor
 HOWARD J. LEVINE, Clinical Instructor
 JEROME J. LUBIN, Clinical Instructor
 RONALD B. MACK, Clinical Instructor
 KENNETH S. NOLAN, Clinical Instructor
 VICTOR M. LO PRIORE, Clinical Instructor
 VLASTIMIL VRLA, Clinical Instructor
 BRADLEY E. APPELBAUM, Assistant²
 AGAPITO Y. DE RAMOS, Assistant²
 JOSEPH L. EMMERICH, Assistant
 MEL W. FEINBERG, Assistant²
 RICHARD J. FEINBERG, Assistant²
 GARLAND P. KIRKPATRICK, Assistant²

PARVIZ MOVAFAGH, Assistant
TATIANA S. EUGENIDES, Assistant¹

Pharmacology

VICTOR A. DRILL, Lecturer with rank of Professor
HARRIS ISBELL, Lecturer with rank of Professor

Physical Medicine and Rehabilitation

H. WORLEY KENDELL, Clinical Professor
LUIS SALOMON, Clinical Instructor

Physiology

LATHAN A. CRANDALL, JR., Lecturer with rank of Professor
HAROLD E. HIMWICH, Lecturer with rank of Professor
CHESTER W. DARROW, Associate Professor
NEENA B. SCHWARTZ, Lecturer with rank of Associate Professor

Preventive Medicine

THOMAS G. HULL, Lecturer with rank of Associate Professor, *Emeritus*
JERMYN FRANCIS MCCAHAN, Clinical Associate Professor
HAROLD W. SPIES, Clinical Assistant Professor
HAROLD H. STEINBERG, Clinical Assistant Professor
JANET M. WOLTER, Clinical Assistant Professor
AGNES D. L. GOSS, Clinical Instructor
RAYMOND W. STEBLEY, Clinical Instructor

Psychiatry

RALPH C. HAMILL, Clinical Professor (Rush), *Emeritus*
DAVID SHAKOW, Lecturer with rank of Professor
HARRY R. HOFFMAN, Clinical Associate Professor (Rush), *Emeritus*
WILLIAM H. HAINES, Clinical Associate Professor
ARTHUR A. MILLER, Clinical Associate Professor
DONALD A. R. MORRISON, Clinical Associate Professor
STEPHEN L. SHERWOOD, Clinical Associate Professor of Neurophysiology
ALFRED P. SOLOMON, Clinical Associate Professor
JACK WEINBERG, Clinical Associate Professor
JACOB PASKIND, Clinical Assistant Professor, *Emeritus*
JAMES M. ALEXANDER, Clinical Assistant Professor
CLAESA M. ARMSTRONG, Clinical Assistant Professor
HAROLD BALIKOV, Clinical Assistant Professor
E. ELIOT BENEZRA, Clinical Assistant Professor
ANNE R. BENJAMIN, Clinical Assistant Professor
LEON BERNSTEIN, Clinical Assistant Professor
JAMES A. BUETTNER, Clinical Assistant Professor
DAVID I. CHEIFETZ, Clinical Assistant Professor
PAULINE M. COOKE, Clinical Assistant Professor
THOMAS N. DAVIS III, Clinical Assistant Professor
FRANK F. EVANS, Clinical Assistant Professor
ALFRED FLARSHHEIM, Clinical Assistant Professor
LOWELL I. GOODMAN, Clinical Assistant Professor
ALFRED G. GREEN, Clinical Assistant Professor
HAROLD A. GREENBERG, Clinical Assistant Professor
DAVID P. GROSS, Clinical Assistant Professor
FREDERICK V. GWYER, Clinical Assistant Professor
JOHN E. HALASZ, Clinical Assistant Professor
LOUIS HALPERIN, Clinical Assistant Professor
JOHN W. HANNI, Clinical Assistant Professor
DAVID S. HARMAN, Clinical Assistant Professor
IRVING D. HARRIS, Clinical Assistant Professor
LOUIS JENSEN, Clinical Assistant Professor
WALTER KITT, Clinical Assistant Professor
RICHARD C. KOENIG, Clinical Assistant Professor
ROBERT H. KOFF, Clinical Assistant Professor
GUSTAVO LAGE, Clinical Assistant Professor

SAMUEL LIEBMAN, Clinical Assistant Professor
JOAN LONGINI, Clinical Assistant Professor
ROBERT G. McMILLAN, Clinical Assistant Professor
VICTOR MINTEK, Clinical Assistant Professor
EVAN G. MOORE, Clinical Assistant Professor
WILLIAM H. MURRAY, Clinical Assistant Professor
JOSEPH G. NEMECEK, Clinical Assistant Professor
ERICH PASCHKES, Clinical Assistant Professor
GEORGE L. PERKINS, Clinical Assistant Professor
FRANCO U. RINALDI, Clinical Assistant Professor
ALAN M. ROBERTSON, Clinical Assistant Professor
RAYMOND E. ROBERTSON, Clinical Assistant Professor
MORRIS M. ROSENTHAL, Clinical Assistant Professor
LESTER H. RUDY, Clinical Assistant Professor
HENRY L. RUEHR, Clinical Assistant Professor
HARRY M. SEGENREICH, Clinical Assistant Professor
MORRIS A. SKLANSKY, Clinical Assistant Professor
W. DAVID STEED, Clinical Assistant Professor
ROBERT L. STEWART, Clinical Assistant Professor
VIRGINIA S. TARLOW, Clinical Assistant Professor
DONN L. TIPPETT, Clinical Assistant Professor
MARIAN D. TOLPIN, Clinical Assistant Professor
THOMAS T. TOURENTES, Clinical Assistant Professor
SAMUEL A. VICTOR, Clinical Assistant Professor
WILLIAM WEISDORF, Clinical Assistant Professor
ROBERT E. WESTFALL, Clinical Assistant Professor
DONOVAN G. WRIGHT, Clinical Assistant Professor
MELVIN D. NUDELMAN, Clinical Assistant Professor
MARJORIE C. BARNETT, Clinical Instructor^a
GENE H. BOROWITZ, Instructor (one year from July 1, 1960)^a
ERIC G. BRUNNGRABER, Clinical Instructor
PIETER DeVRIJER, Clinical Instructor
SYDNEY B. EISEN, Clinical Instructor
ARTHUR S. ELSTEIN, Clinical Instructor
DAVID C. GARRON, Clinical Instructor
NAHMAN H. GREENBERG, Clinical Instructor
DAVID L. GUTMANN, Clinical Instructor
JAY G. HIRSCH, Clinical Instructor^a
MARCUS A. JACOBSON, Instructor (one year from July 1, 1960)^a
BERNARD I. LIFSON, Clinical Instructor
ARTHUR H. NORTON, Clinical Instructor (one year from July 1, 1960)^a
ROBERT E. NYQUIST, Clinical Instructor (one year from July 1, 1960)^a
FRANCES C. PERCE, Clinical Instructor
SARAH R. PESKIND, Clinical Instructor
BARBARA S. ROCAH, Clinical Instructor
ARTHUR D. SABLE, Clinical Instructor
WAGDI R. SALIB, Clinical Instructor (one year from July 1, 1960)^a
DONALD D. SCHWARTZ, Clinical Instructor^a
ARLENE J. SMITH, Clinical Instructor
PAULINE D. STEFLETON, Clinical Instructor
DONALD E. WATTS, Clinical Instructor
HERBERT WEINSTEIN, Clinical Instructor
DAGA M. WIED, Clinical Instructor
ROBERT I. YUFIT, Clinical Instructor
MARTIN BALABAN, Research Associate
VIOLA BRODY, Research Associate
VINCENT J. POLIDORA, Research Associate
JOSÉ M. CASTILLO, Clinical Assistant^a
JEANNE DULAS, Clinical Assistant^a
LEO V. KEMPTON, Clinical Assistant^a
MAQBUL A. MIAN, Clinical Assistant^a
WILLIAM J. PIEPER, Assistant^a
MORTON S. TABIN, Clinical Assistant^a

JOHN M. WHITMAN, Assistant³
ORESTE ZALIS, Assistant¹

Public Health

EDWARD A. PISZCZEK, Clinical Associate Professor
HERBERT K. ABRAMS, Clinical Assistant Professor
LEROY L. FATHERREE, Lecturer with rank of Assistant Professor
CLARENCE W. KLASSEN, Assistant Professor
HERBERT E. MCDANIELS, Assistant Professor
KENNETH M. MORSE, Lecturer with rank of Assistant Professor
W. FRANKLIN DOVE, Research Associate

Radiology

FAY H. SQUIRE, Professor (Rush)
DAVID S. BEILIN, Clinical Associate Professor
RICHARD E. BUENGER, Associate Professor
JOHN W. CLARK, Associate Professor
SAMUEL A. LEADER, Clinical Associate Professor
FRANKLIN S. ALCORN, Assistant Professor
BENJAMIN D. BRAUN, Clinical Assistant Professor
FRANK R. HENDRICKSON, Assistant Professor
BILLY JAY HILL, Assistant Professor
JULIUS HEYDEMANN, Clinical Assistant Professor
JACQUES OVADIA, Clinical Assistant Professor
NATHAN STARKMAN, Clinical Assistant Professor
AUDREY L. WILSON, Clinical Assistant Professor
MAURICE L. BOGDONOFF, Instructor
LEONID CALENOFF, Instructor³
FRANK L. HUSSEY, Clinical Instructor
JOHN S. LEARY, Instructor³
ARTHUR R. MILLER, Instructor³
SHELDON H. MILLER, Instructor¹
ARSHAD K. ZAHEER, Instructor³
LEONARD BERLIN, Assistant²
JOHN C. BUSH, Assistant¹
CHARLES FRYE, Assistant³
MARTIN HOCHHAUSER, Assistant²
GUY R. MATTHEW, Assistant¹
JOHN I. PRETTO, Assistant¹
H. H. FORSYTH WINCHELL, Assistant¹

Surgery

HILLIER L. BAKER, Clinical Professor (Rush), *Emeritus*
VERNON C. DAVID, Professor (Rush), *Emeritus*
SELIM W. MCARTHUR, Clinical Professor, *Emeritus*
EDWIN M. MILLER, Clinical Professor (Rush), *Emeritus*
OSCAR E. NADEAU, Clinical Professor, *Emeritus*
EDWARD J. BEATTIE, JR., Professor
ECBERT H. FELL, Clinical Professor (Rush)
RICHARD K. GILCHRIST, Clinical Professor (Rush)
PAUL W. GREELEY, Clinical Professor
HILGER P. JENKINS, Lecturer with rank of Professor
FRANCIS H. STRAUS, Clinical Professor (Rush)
WILLIAM H. HAZLETT, Clinical Associate Professor, *Emeritus*
FRANK J. JIRKA, Associate Professor, *Emeritus*
WILL F. LYON, Clinical Associate Professor, *Emeritus*
RUDOLPH J. E. ODEN, Associate Professor, *Emeritus*
CARL B. DAVIS, JR., Clinical Associate Professor
WILLIS G. DIFFENBAUGH, Clinical Associate Professor
ARTHUR E. DIGGS, Clinical Associate Professor (Rush)
WILLIAM S. DYE, JR., Clinical Associate Professor
EARL GARSIDE, Clinical Associate Professor
CHESTER C. GUY, Clinical Associate Professor
BURTON C. KILBOURNE, Clinical Associate Professor
JOHN D. KOUCKY, Clinical Associate Professor

HIRAM T. LANGSTON, Clinical Associate Professor
STANLEY E. LAWTON, Clinical Associate Professor (Rush)
FOSTER L. McMILLAN, Clinical Associate Professor
CLARENCE MONROE, Clinical Associate Professor (Rush)
JOHN H. OLWIN, Clinical Associate Professor (Rush)
MORRIS L. PARKER, Clinical Associate Professor
LOUIS W. SCHULTZ, Clinical Associate Professor of Oral Surgery
LINDON SEED, Clinical Associate Professor
HARRY W. SOUTHWICK, Clinical Associate Professor
EVERETT L. STROHL, Clinical Associate Professor
FRANK V. THEIS, Clinical Associate Professor (Rush)
PHILIP THOREK, Clinical Associate Professor
CARL O. ALMQUIST, Clinical Assistant Professor
RAYMOND E. ANDERSON, Clinical Assistant Professor
CHARLES D. BRANCH, Clinical Assistant Professor
C. DAVID BROWN, Clinical Assistant Professor
ROBERT G. CANHAM, Clinical Assistant Professor
JOSEPH P. CANNON, Clinical Assistant Professor
JAMES H. CROSS, Clinical Assistant Professor
WARD H. EASTMAN, Clinical Assistant Professor
MELVIN I. GIBBEL, Clinical Assistant Professor
RAYMOND GREEN, Clinical Assistant Professor
RONALD G. HALEY, Clinical Assistant Professor
RUSSELL C. HANSELMAN, Clinical Assistant Professor
HARRY G. HARDT, JR., Clinical Assistant Professor
WILLIAM H. HARRIDGE, Clinical Assistant Professor
ROBERT A. HESS, Clinical Assistant Professor
CARL IRENEUS, JR., Clinical Assistant Professor
JOHANNES L. KOPPEL, Assistant Professor
KENNETH L. MATSON, Clinical Assistant Professor
HAROLD I. MEYER, Clinical Assistant Professor
GEORGE A. OLANDER, Clinical Assistant Professor
JOHN R. ORNDORFF, Clinical Assistant Professor
JOHN H. PRIBBLE, Clinical Assistant Professor
WILLIAM L. RIKER, Clinical Assistant Professor
HAROLD A. ROTH, Clinical Assistant Professor
PHILIP SHAMBAUGH, Clinical Assistant Professor
WILLIAM D. SHOREY, Clinical Assistant Professor
ROBERT F. STOKES, Clinical Assistant Professor
MILAN M. WASICK, Clinical Assistant Professor
MILTON WEINBERG, JR., Clinical Assistant Professor
CARL Y. WERELIUS, Clinical Assistant Professor
LEON J. WITKOWSKI, Clinical Assistant Professor
ROBERT J. BAKER, Clinical Instructor
WALTER L. BARKER, Instructor (one year from July 1, 1960)¹
WILLIAM C. BRENNAN, Clinical Instructor
WALID BURHANI, Instructor (one year from July 1, 1960)¹
JACKSON E. CAGLE, JR., Instructor (one year from July 1, 1960)²
MOHAMMAD A. CHEEMA, Instructor (one year from July 1, 1960)²
NOBLE CORRELL, Clinical Instructor
GILBERT W. DOUGLAS, Clinical Instructor
L. FENFIELD FABER, Instructor (one year from July 1, 1960)³
GLENN W. FISCUS, Clinical Instructor (fourteen months from July 1, 1960)
JOHN W. FRISCH, Clinical Instructor
ANDRES GABEL, Instructor (one year from July 1, 1960)³
HOWARD L. GORDON, Instructor (one year from July 1, 1960)²
VERNON L. GUYNN, Clinical Instructor
HOWARD M. HAMLIN, Clinical Instructor
JAMES A. HUNTER, Clinical Instructor
VERNON Z. HUTCHINGS, Clinical Instructor
HERBERT F. IKNAYAN, Instructor (one year from July 1, 1960)²
ROBERT W. JAMIESON, Clinical Instructor
JOHANNES M. L. JENSEN, Clinical Instructor
FRANK R. JOHNSON, Clinical Instructor

FRANCES E. KNOCK, Clinical Instructor
ANDREW KIRSTEINS, Clinical Instructor
WILBUR D. LATHAM, Instructor (one year from July 1, 1960)¹
OSCAR S. LENIT, JR., Clinical Instructor
WILLIAM E. LOOBY, Clinical Instructor
CARL E. LORENTSON, Clinical Instructor (fourteen months from July 1, 1960)
RANDALL E. McNALLY, Clinical Instructor (fourteen months from July 1, 1960)
WILLIAM H. MARSHALL, Instructor (one year from July 1, 1960)²
RICHARD H. MEYER, Instructor (one year from July 1, 1960)²
FRANK J. MILLOY, JR., Clinical Instructor
CHARLES J. MOCK, Clinical Instructor
VINCENT P. MUENSTER, Clinical Instructor
HASSAN NAJAFI, Instructor (one year from July 1, 1960)²
STEVEN H. NYI, Clinical Instructor
JOHN W. OTTEN, Clinical Instructor
ROBERT J. OVERSTREET, Clinical Instructor
JOHN C. PARROTT, Instructor (one year from July 1, 1960)²
GEORGE L. PASTNACK, Clinical Instructor
EUDELL G. PAUL, Clinical Instructor
HAROLD A. PAUL, Instructor (one year from July 1, 1960)²
MARTIN PEPPER, Clinical Instructor
RICHARD C. POWERS, Clinical Instructor
MORRIS M. PROFFITT, Clinical Instructor
ALFRED RASMUSSEN, Clinical Instructor
HOWARD G. REISER, Clinical Instructor
OLIVER V. RENAUD, Clinical Instructor
DAVID F. RENDLEMAN, Instructor (one year from July 1, 1960)²
RICHARD C. SCHULTZ, Clinical Instructor (on leave of absence)
THOMAS SELLETT, Clinical Instructor
CARL K. SOLANDER, Clinical Instructor
E. WILSON STAUB, Instructor (one year from July 1, 1960)²
RICHARD A. TARIZZO, Instructor (one year from July 1, 1960)²
ROBERT B. WHITE, Clinical Instructor
ARTHUR R. WILLIAMSON, Instructor (one year from July 1, 1960)²
MICHAEL F. WITANOWSKI, Clinical Instructor
BURTON R. BANCROFT, JR., Assistant (one year from July 1, 1960)²
JOHN H. BANCROFT, Assistant (one year from July 1, 1960)²
DONALD M. BUCKNER, Assistant (one year from July 1, 1960)²
PETER BUINAUSKAS, Assistant (one year from July 1, 1960)²
EDWARD A. DAINKO, Assistant (one year from July 1, 1960)²
JAY D. ELLENBY, Assistant (one year from July 1, 1960)²
LAWRENCE A. FAGARASON, Assistant (one year from July 1, 1960)²
GORDON H. GLASSFORD, Assistant (one year from July 1, 1960)²
JOSEPH F. HINKAMP, Clinical Assistant
LOREN J. HUMPHREY, Assistant (one year from July 1, 1960)²
FERNLY E. JOHNSON, Clinical Assistant
OLGA M. JONASSON, Assistant (one year from July 1, 1960)²
JOHN M. KENWELL, Assistant (one year from July 1, 1960)²
WALTER R. LAWRENCE, Assistant (one year from July 1, 1960)²
LEROY LONG, Assistant (one year from July 1, 1960)²
MARY L. MCKENZIE, Assistant (one year from July 1, 1960)²
JAMES H. MASON, Assistant (one year from July 1, 1960)²
SAMIR M. RAGHEB, Assistant (one year from July 1, 1960)²
STUART S. ROBERTS, Assistant (one year from July 1, 1960)²
MARVIN M. ROMSDAHL, Assistant (one year from July 1, 1960)²
WENDELL H. SCHMIDTKE, Assistant (one year from July 1, 1960)²
JOHN M. SOMERNDIKE, Assistant (one year from July 1, 1960)²
KENNETH R. VANDER VENNET, Assistant (one year from July 1, 1960)²
RICHARD S. WEBB, JR., Assistant (one year from July 1, 1960)²
WALTER W. WHISLER, Assistant (one year from July 1, 1960)²

Division of Urology

NORRIS J. HECKEL, Clinical Professor (Rush)
EDWARD BUCKMAN, Clinical Associate Professor, *Emeritus*

THEOPHIL P. GRAUER, Clinical Associate Professor
 JAMES W. MERRICKS, JR., Clinical Associate Professor (Rush)
 GEORGE O. BAUMRUCKER, Clinical Assistant Professor
 JOSEPH S. DRABANSKI, Clinical Assistant Professor
 EDWIN C. GRAF, Clinical Assistant Professor
 WILLARD C. MEYER, Clinical Assistant Professor
 FRANK B. PAPIERNIAK, Clinical Assistant Professor
 COLQUITT O. RITCH, Clinical Assistant Professor
 FREDERICK SCHACHT, Clinical Assistant Professor
 R. ROSS HAEGER, Clinical Associate
 CARL D. BERRY, JR., Clinical Instructor
 JAMES A. CALAMS, Clinical Instructor
 DANIEL H. CALLAHAN, Clinical Instructor
 THOMAS L. C. COTTRELL, Clinical Instructor
 RAYMOND FIRFER, Clinical Instructor
 CHARLES F. MCKIEL, JR., Instructor (one year from July 1, 1960)³
 IBRAHIM T. SOZER, Instructor (one year from July 1, 1960)³
 JAMES C. VALENTA, Clinical Instructor
 MALACHI J. FLANAGAN, Assistant (one year from July 1, 1960)²
 PABLO M. GONZALEZ, Clinical Assistant

Division of Anesthesiology

PAUL W. SEARLES, Clinical Professor
 MARY M. LYONS, Clinical Associate Professor (Rush), *Emerita*
 JOHN E. CAWLEY, Clinical Assistant Professor
 MYRON J. LEVIN, Clinical Assistant Professor
 HERBERT E. NATOF, Clinical Assistant Professor
 JOSEPH E. REMLINGER, Clinical Assistant Professor
 MILTON J. SCHIFFRIN, Clinical Assistant Professor
 JOHN L. SCHMIDT, Clinical Assistant Professor
 ARTHUR T. SHIMA, Clinical Assistant Professor
 WILMA C. STAFFORD, Clinical Assistant Professor
 HERSHELL L. KEELING, Clinical Associate
 DIGBY G. SEYMOUR, Clinical Associate
 CONSTANCE B. DEPADUA, Instructor (one year from July 1, 1960)³
 GWEN GLEAVE, Clinical Instructor
 EILEEN HECKEL, Clinical Instructor
 DAVID KATZ, Clinical Instructor
 DAVID G. NELSON, Clinical Instructor
 JOHN NELSON, Clinical Instructor
 BRIGHT Y. ONODA, Clinical Instructor
 STANKA K. PAPRIKOFF, Clinical Instructor
 RAYMOND F. ROSE, Clinical Instructor
 LESTER SCHWARTZ, Clinical Instructor
 MAURICE M. TENNANT, Clinical Instructor
 DAN A. VALENTI, Clinical Instructor
 RASMA V. VITRINGS, Clinical Instructor
 JOSE R. ALFONSO, Assistant (one year from July 1, 1960)²
 OLAF W. ALLISON, Assistant (one year from July 1, 1960)²
 TOWFIG ARJMAND, Assistant (one year from July 1, 1960)²
 THOMAS L. ASHCRAFT, Assistant (one year from July 1, 1960)³
 CARLETON E. DANGREMOND, Clinical Assistant (on leave of absence for military service)
 MARGARET N. KEZDI, Clinical Assistant
 DAVID W. KRANS, Assistant (one year from July 1, 1960)²
 JOHN M. LARSON, Assistant (one year from July 1, 1960)²
 JAMES E. MAHER, Assistant (one year from July 1, 1960)²
 JESUS I. MATTOS, Assistant (one year from July 1, 1960)²
 WILLIAM R. MELBY, Clinical Assistant (on leave of absence for military service)
 ROBERT J. NELSON, Assistant (one year from July 1, 1960)³
 JUSTO J. PEREZ, Assistant (one year from July 1, 1960)²
 ARTHUR W. PETERSON, JR., Assistant (one year from July 1, 1960)²
 JAMES A. SANDROLINI, Assistant (one year from July 1, 1960)²

MARCOS O. SANTANDER, Assistant (one year from July 1, 1960)*
 VIVENTE B. SANTELICES, Assistant (one year from July 1, 1960)*
 MORTON SHULMAN, Assistant (one year from July 1, 1960)*
 ASTRIDA I. SILINS, Assistant (one year from July 1, 1960)*
 JOHN J. STRAUB, Assistant (one year from July 1, 1960)*
 VERNON E. WALLACE, Assistant (one year from July 1, 1960)*
 WILLIAM O. BATES III, Assistant (one year from July 1, 1960)*
 JAMES H. MACLEAN, Assistant (one year from July 1, 1960)*

On motion of Mrs. Watkins, these appointments were approved.

INVESTMENT REPORT

The Finance Committee reported the following changes in investments of trust funds from April 1 through June 30, 1960:

URBANA-CHAMPAIGN

Endowment Funds

Purchase

\$ 22 000	U. S. bonds	3%	8/15/66	\$ 20 821 57
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Current Funds

Exchange

\$ 508 000	U. S. certificates	4%	5/15/60 for
508 000	U. S. certificates	4 $\frac{3}{8}$ %	5/15/61
1 000 000	U. S. notes	3 $\frac{1}{2}$ %	5/15/60 for
1 000 000	U. S. certificates	4 $\frac{5}{8}$ %	5/15/61

Purchase

\$1 200 000	U. S. bills		12/15/60	\$1 184 916 67
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Report of the Comptroller

The Comptroller reported the following changes in unexpended plant fund investments, over which he has authority as shown:

URBANA-CHAMPAIGN

Construction Funds

Housing Revenue Bonds of 1960 Series A (Orchard Downs), authorized by Board of Trustees resolution dated June 14, 1960.

Purchase

\$ 156 000	U. S. notes	4 $\frac{3}{4}$ %	8/15/60	\$ 156 487 50
180 000	U. S. bills		9/15/60	179 210 75
186 000	U. S. bills		10/13/60	184 752 25
292 000	U. S. bills		11/3/60	289 496 10
293 000	U. S. bills		12/15/60	289 513 30
294 000	U. S. bills		1/15/61	289 855 83
574 000	U. S. certificates	4 $\frac{7}{8}$ %	2/15/61	580 816 25
276 000	U. S. bills		4/15/61	269 530 25
836 000	U. S. certificates	4 $\frac{3}{8}$ %	5/15/61	844 621 25
261 000	U. S. notes	4%	8/1/61	263 446 88
753 000	U. S. bonds	2 $\frac{3}{4}$ %	9/15/61	747 823 13
338 000	U. S. bonds	2 $\frac{1}{2}$ %	11/15/61	333 875 31

Housing Revenue Bonds of 1959 Series C and D (Peabody Drive), authorized by Board of Trustees resolution dated October 21, 1959.

Purchase

\$ 484 000	U. S. bills		9/8/60	\$ 478 857 09
207 000	U. S. bills		10/17/60	203 994 82

Assembly Hall Revenue Bonds, authorized by Board of Trustees resolution dated June 23, 1959.

Purchase

\$ 441 000	U. S. bills		6/22/60	\$ 439 730 90
521 000	U. S. bills		9/1/60	518 540 39
110 000	U. S. bills		10/17/60	108 353 06
522 000	U. S. certificates	4 $\frac{3}{8}$ %	11/15/60	524 426 25

Housing Revenue Bonds of 1959 Series A (Graduate Housing Equipment), authorized by Board of Trustees resolution dated June 23, 1959.

Purchase

\$ 40 000	U. S. bills	6/16/60	\$ 39 912 17
37 000	U. S. bills	7/7/60	36 847 68
21 000	U. S. bills	8/11/60	20 835 57

Housing Revenue Bonds of 1959 Series B (Graduate Housing Construction), authorized by Board of Trustees resolution dated June 23, 1959.

Sale

\$ 715 000	U. S. notes	4½%	5/15/60	\$ 715 335 15
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Purchase

\$ 95 000	U. S. bills	6/22/60	94 726 61
187 000	U. S. bills	7/15/60	186 055 65
180 000	U. S. notes	4 ³ / ₄ % 8/15/60	180 597 50

Housing Revenue Bonds of 1958 (120 Units), authorized by Board of Trustees resolutions dated December 17, 1958, and March 12, 1959.

Sale

\$ 41 000	U. S. bills	5/19/60	\$ 40 881 73
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Purchase

\$ 22 000	U. S. bills	7/15/60	21 968 83
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Men's Residence Halls Revenue Bonds of 1957, authorized by Board of Trustees resolution dated March 12, 1957.

Purchase

\$ 75 000	U. S. bills	5/12/60	\$ 74 842 50
75 000	U. S. bills	6/16/60	74 814 06
75 000	U. S. bills	7/15/60	74 900 83

Women's Residence Halls Revenue Bonds of 1956, authorized by Board of Trustees resolution dated September 18, 1956.

Purchase

\$ 29 000	U. S. bills	5/26/60	\$ 28 939 10
28 000	U. S. bills	6/22/60	27 951 70
29 000	U. S. bills	7/15/60	28 962 94

Men's Residence Halls Revenue Bonds of 1956, authorized by Board of Trustees resolutions dated March 23, 1956, and September 18, 1956.

Purchase

\$ 12 000	U. S. bills	5/19/60	\$ 11 975 25
12 000	U. S. bills	6/23/60	11 970 25
13 000	U. S. bills	7/15/60	12 986 10

Sinking Funds

Housing Revenue Bonds of 1960 Series A (Orchard Downs), authorized by Board of Trustees resolution dated June 14, 1960.

Purchase

\$ 102 000	U. S. bills	9/15/60	\$ 101 558 00
207 000	U. S. bills	1/15/61	204 102 00

CHICAGO

Dentistry-Medicine-Pharmacy Building Revenue Bonds Auxiliary Account, authorized by Board of Trustees resolution dated December 16, 1953.

Purchase

\$ 60 000	U. S. bills	8/11/60	\$ 59 514 00
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Beneficial Interest in Trust Navy Pier Escrow Account

Exchange

\$ 140 000	U. S. certificates	3¾%	2/15/60 for
140 000	U. S. certificates	4¾%	2/15/61

This report was presented by Mr. Swain, Chairman of the Finance Committee, and was received for record.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) fellows; (3) graduate fellows; (4) resignations and declinations; (5) leaves of absence; (6) changes in sabbatical leave of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

- ADAMEK, EDWARD G., Visiting Lecturer in Education, June 20-August 13, 1960, \$1,600 (7-7-60).
- ADAMS, JACK A., Associate Professor of Psychology, two months from June 16, 1960, \$1,022.22 a month; this is in addition to his present appointment (6-9-60).
- AFUSO, CHUSHIN, Research Assistant in the Digital Computer Laboratory, two months from June 16, 1960, \$444.44 a month (6-4-60).
- AKIN, CAVIT, Assistant in Food Technology (S), June 15-August 31, 1960, \$366.66 a month, supersedes (7-2-60).
- ALPERT, NORMAN R., Associate Professor of Physiology (Medicine) and Coordinator of Medical Education for National Defense, two months from July 1, 1960, \$2,255.54 (6-24-60).
- ANDERSON, DONALD J., Research Assistant in Chemistry, two months from June 16, 1960, \$400 a month (6-3-60).
- ANDERSON, JOHN F., Research Assistant in Entomology, June 16-August 22, 1960, \$900 (6-18-60).
- ANDREWS, MARGARET E., Visiting Lecturer in Business Education, Summer Session of 1960, June 20-July 1, 1960, \$600 for the period (6-13-60).
- ARMATO, ROSARIO P., Assistant in English, nine months from September 16, 1960, \$3,800 (6-14-60).
- AUER, ANDRE, Research Associate in Civil Engineering (S), academic year beginning September 1, 1960, \$5,400 (6-14-60).
- AZUMA, HIROSHI, Research Assistant in the Bureau of Educational Research, two months from June 1, 1960, \$400 a month, supersedes (6-15-60).
- BADGER, PARKER H., Lecturer in Mechanical Engineering (C), academic year beginning September 1, 1960, \$7,000 (6-14-60).
- BAER, JEAN H., Administrative Assistant in the Student Counseling Service and Assistant Professor of Education, Division of Social Sciences (Chicago Undergraduate Division), one year from September 1, 1960, \$10,000 (6-17-60).
- BAERWALD, JOHN E., Associate Professor of Traffic Engineering (Civil Engineering) (C), two months from June 16, 1960, \$1,000 a month; this is in addition to his present appointment (6-7-60).
- BAKER, ROBERTA H., Visiting Lecturer in University Theater and Summer Youth Program, Summer Session of 1960, June 20-August 13, 1960, \$1,500 for the period (6-7-60).
- BALLUFFI, ROBERT W., Associate Professor of Mining and Metallurgy and of Physics (Department of Physics) (C), two months from June 16, 1960, \$1,022.22 a month; this is in addition to his present appointment (7-2-60).
- BANERJEE, AMAL CHANDRA, Research Assistant in Economic Entomology and in the Illinois Natural History Survey, June 13-August 31, 1960, \$400 a month (6-20-60).
- BANKS, EDWIN M., Research Assistant Professor in the Division of General Studies, June 20-August 13, 1960, \$711.50 a month; this is in addition to his present appointment (6-4-60).
- BARBER, HOLLIS H., Professor of Political Science (Chicago Undergraduate Division), Summer Session of 1960, $\frac{1}{2}$ time, June 20-August 13, 1960, \$1,189 for the period (6-13-60).
- BARNHILL, JACK G., Instructor in Accountancy, academic year beginning September 1, 1960, \$4,700 (6-17-60).
- DARRON, SAMUEL H., Clinical Assistant Professor of Pediatrics (Medicine), $\frac{1}{4}$ time, July 1, 1960-March 31, 1961, \$208.33 a month, supersedes (7-11-60).
- BASU, GOBINDA L., Research Associate in Chemistry, one year from September 1, 1960, \$5,500 (6-18-60).

- BATEMAN, PAUL T., Professor of Mathematics, two months from June 16, 1960, \$2,444.44; this is in addition to his present appointment and supersedes his appointment dated April 4, 1960 (7-12-60).
- BAULING, FREDERICK G., Assistant Professor of Theoretical and Applied Mechanics, Summer Session of 1960, June 20-August 13, 1960, \$1,512 for the period, supersedes his previous Summer Session appointment (6-14-60).
- BEBERMAN, MAX, Professor of Education, June 20-August 13, 1960, \$3,267; this is in addition to his present appointment (7-2-60).
- BECKER, WESLEY C., Assistant Professor of Psychology, $\frac{1}{2}$ time, June 16-August 15, 1960, \$416.67 a month; this is in addition to his present appointment and to his Summer Session appointment (6-8-60).
- BECKER, WILLIAM L., Visiting Lecturer in Business Education, Summer Session of 1960, July 5-15, 1960, \$400 for the period (6-13-60).
- BEGANDO, JOSEPH S., Acting Vice-President in charge of the Chicago Professional Colleges, beginning June 20, 1960, and continuing until further notice, \$100 a month; this is in addition to his appointment as Assistant to the President (6-30-60).
- BELFORD, R. LINN, Assistant Professor of Physical Chemistry (Aeronautical Engineering) (C), two months from June 16, 1960, \$766.67 a month; this is in addition to his present appointment (6-17-60).
- BENDEL, ROBERT, Research Assistant in Botany, two months from June 16, 1960, \$400 a month (6-3-60).
- BENNETT, PHILIP E., Instructor in Theoretical and Applied Mechanics (C), $\frac{3}{4}$ time, academic year beginning September 1, 1960, \$3,600 (6-14-60).
- BERGERON, CLIFTON G., Research Associate in Ceramic Engineering (S), three months from June 1, 1960, \$791.66 a month (6-15-60).
- BERRY, EDWARD S., JR., Instructor in Brass (Music), Summer Session of 1960, 46/100 time, June 19-July 23, 1960, \$375 for the period (6-18-60).
- BLACK, LINDSAY M., Research Professor of Botany, two months from June 16, 1960, \$1,444 a month; this is in addition to his present appointment (7-5-60).
- BOBBEN, HOWARD M., Research Associate in the Institute of Communications Research (College of Journalism and Communications and Graduate College), July 1, 1960-August 31, 1961, \$6,000 a year (6-9-60).
- BORTOFF, ALEXANDER, Research Associate in Physiology, one month from June 1, 1960, \$500 (6-3-60).
- BOUC, CHARLES A., Instructor in Engineering (Chicago Undergraduate Division), academic year beginning September 1, 1960, \$6,000, supersedes (7-5-60).
- BOWER, JOHN E., JR., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2,700 (6-9-60).
- BOYLE, THOMAS E., Assistant in English, nine months from September 16, 1960, \$4,000 (6-4-60).
- BRISCOE, JOHN W., Professor of Civil Engineering and Associate Head of the Department (C), June 16-30, 1960, full time, \$583.33 for the period; July 16-August 15, 1960, $\frac{3}{4}$ time, \$875 for the period; and September 1-15, 1960, full time, \$583.33 for the period; this is in addition to his present appointment (6-3-60); and in the Summer Session of 1960, $\frac{1}{4}$ time, July 18-August 13, 1960, \$292 for the period (6-17-60).
- BROEDER, JOHN W., Visiting Lecturer in Education, June 20-July 16, 1960, \$900 (7-7-60).
- BROWN, O. ROBERT, JR., Research Assistant in Education (University High School), nine months from September 16, 1960, \$4,800 (6-14-60).
- BROWN, ROGER K., Instructor in Education, July 18-August 13, 1960, \$856; this is in addition to his present appointment (6-17-60).
- BROWN, THEODORE L., Research Assistant Professor of Chemistry, two months from June 16, 1960, \$778 a month; this is in addition to his present appointment (6-8-60).
- BRUCKNER, WALTER H., Professor of Metallurgical Engineering (Mining and Metallurgical Engineering) (C), two months from June 16, 1960, \$1,066.66 a month; this is in addition to his present appointment (7-2-60).
- BUCKALEW, EVELYN H., Assistant in English, nine months from September 16, 1960, \$3,800 (6-21-60).
- BUNDY, MARY L., Assistant in Library Science, Summer Session of 1960, June 20-August 13, 1960, \$834 for the period (6-27-60).

- BURNS, KENNETH, Assistant Professor of Speech, Summer Session of 1960, June 20-August 13, 1960, \$1,445 for the period, supersedes his previous Summer Session appointment (6-28-60).
- BURRIGHT, RICHARD C., Research Assistant in Psychology, two months from June 16, 1960, \$400 a month (6-9-60).
- BUSER, MARYORIE A., Assistant in Occupational Therapy (Medicine), two months from July 1, 1960, \$5,150 a year, and for one year from September 1, 1960, \$5,300 (7-11-60).
- BYNG, DENNIS E., Instructor in Art, academic year beginning September 1, 1960, \$5,600 (6-14-60).
- CAFEK, RAYMOND G., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1960, \$500 a month (6-20-60).
- CATTELL, RAYMOND B., Research Professor of Psychology, two months from June 16, 1960, \$1,444.44 a month; this is in addition to his present appointment (6-8-60).
- CHAPMAN, ORVILLE L., Visiting Lecturer in Chemistry, Summer Session of 1960, June 20-August 13, 1960, \$1,500 for the period (6-10-60).
- CHATTERJEE, BISHWA B., Research Assistant in the Bureau of Educational Research, full time for two months from June 1, 1960, \$366.66 a month, and $\frac{1}{2}$ time for one month from August 1, 1960, \$183.33, supersedes (6-3-60).
- CHIPMAN, WILMON B., Research Assistant in Chemistry, June 16-July 31, 1960, \$400 a month (6-18-60).
- CHOW, WEN LUNG, Research Associate Professor of Mechanical Engineering (C), $\frac{1}{2}$ time, June 16-August 15, 1960, \$593; this is in addition to his present appointment and to his Summer Session appointment (6-21-60).
- CHUANG, YAO HUANG, Assistant in Prices and Statistics (Agricultural Economics) (S), two months from July 1, 1960, \$444.44 a month (7-2-60).
- CLAYTON, MRS. SUZANNE N., Rare Book Room Assistant in the Library, one year from September 1, 1960, \$5,200 (6-18-60).
- COBIN, MARTIN T., Associate Professor of Speech, two months from July 1, 1960, \$833.33 a month; this is in addition to his present appointment (7-2-60).
- COGGINS, WILLIS, Assistant Professor of Woodwinds (Music), Summer Session of 1960, 45/100 time, June 19-July 23, 1960, \$400 for the period (6-17-60).
- COLLINS, LORENCE G., Visiting Assistant Professor of Education, July 18-August 13, 1960, \$1,000 (6-4-60).
- CONRAD, H. EDWARD, Research Associate in Chemistry, July 1, 1960-August 31, 1961, \$8,000 a year (6-21-60).
- COOMBS, JERROLD R., Research Assistant in the Bureau of Educational Research, full time, two months from June 1, 1960, \$366.66 a month, and $\frac{1}{2}$ time for one month from August 1, 1960, \$183.33, supersedes (6-18-60).
- CORTEN, HERBERT T., Professor of Theoretical and Applied Mechanics (C), from June 16-23, 1960, and July 4-August 15, 1960, and August 22-26, 1960, \$1,133.33 a month; this is in addition to his present appointment (6-17-60).
- CRANE, ROBERT M., Associate Dean of Men, August 1, 1960-August 31, 1961, \$9,600 a year (6-8-60).
- CRANK, FLOYD L., Associate Professor of Education, Summer Session of 1960, June 20-July 16, 1960, \$778 for the period; this is in addition to his present Summer Session appointment (6-27-60).
- CREAMER, LYLE R., Research Assistant in Psychology, two months from June 16, 1960, \$400 a month (6-9-60).
- CRIGEE, LUTZ, Research Associate in Physics (C), one year from September 1, 1960, \$7,000 (6-14-60).
- CRUZ, JOSE B., JR., Research Assistant Professor in the Coordinated Science Laboratory (C), two months from June 16, 1960, \$866.66 a month; this is in addition to his present appointment (6-21-60).
- CULBERTSON, DON S., Assistant Serials and Acquisitions Librarian, with rank of Instructor (Chicago Undergraduate Division), one year from September 1, 1960, \$5,500 (6-17-60).
- DANIELZADEH, ALBERT, Research Assistant in Biological Chemistry (Medicine), June 15-August 31, 1960, \$366.66 a month, supersedes (7-2-60).
- DANNER, ELLIS, Professor of Highway Engineering (Civil Engineering) (C and S), $\frac{3}{4}$ time, June 16-August 31, 1960, \$800 a month, and full time, September 1-15, 1960, \$722.22; this is in addition to his present appointment (6-3-60).

- DE LA TORRE, LUIS, Research Associate in Cytochemistry (Dairy Science) (S), July 1, 1960-August 31, 1961, \$6,400 a year (6-14-60).
- DEMOSSE, RALPH D., Professor of Microbiology, two months from June 16, 1960, \$1,155.56 a month; this is in addition to his present appointment (6-15-60).
- DENNY, TERRY, Research Associate in Education, $\frac{1}{2}$ time, June 20-August 13, 1960, \$600 (6-24-60).
- DICKERSON, DONALD R., Special Associate Chemist, State Geological Survey, three months from July 1, 1960, \$592 a month (6-10-60).
- DILLMAN, PHILLIP, Assistant in English, nine months from September 16, 1960, \$3,600 (6-14-60).
- DONATH, RUDOLF, Research Assistant in Medicine (Medicine), one year from July 1, 1960, without salary (6-17-60).
- DRAKE, JOHN W., Assistant Professor of Microbiology, two months from June 16, 1960, \$855.55 a month; this is in addition to his present appointment (6-17-60).
- DRUMMOND, HAROLD A., Assistant Professor of Clinical Dentistry (Admitting Clinic) (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1960, \$4,000 (6-25-60).
- DULANY, DONELSON E., JR., Associate Professor of Psychology, two months from June 16, 1960, \$866.67 a month; this is in addition to his present appointment (6-8-60).
- EDMONDSON, HAROLD S., Visiting Lecturer in Speech and Supervisor of Clinicians in the Summer Residential Clinic, Summer Session of 1960, June 20-August 13, 1960, \$1,600 for the period (6-28-60).
- ELLIS, KENNETH W., Associate Professor of Psychology, Division of Social Sciences, on indefinite tenure, and Research Counselor in the Student Counseling Service (Chicago Undergraduate Division), one year from September 1, 1960, \$11,000 a year (6-17-60).
- EILERT, MRS. MARY J., University High School Librarian, with rank of Instructor (Library), one year from September 1, 1960, \$6,000 (6-15-60).
- EISSLER, ROBERT L., Associate Chemical Engineer (Mining and Metallurgical Engineering) (C), June 16-30, 1960, and July 1-15, 1960, \$642 (6-20-60).
- ELLIS, L. PATRICIA, Architecture Library Assistant (Library), one year from September 1, 1960, \$5,200 (6-11-60).
- ELLISON, FRED P., Associate Professor of Spanish (Education), $\frac{1}{2}$ time, June 20-August 13, 1960, \$834; this is in addition to his present appointment (6-8-60).
- EMERY, WILLIS L., Professor of Electrical Engineering, in the Indian Institute of Technology, Kharagpur, India, June 16-August 31, 1960, \$1,225 a month; this is in addition to his present appointment; and one year from September 1, 1960, \$16,100 (6-9-60).
- EPSTEIN, WILLIAM W., Research Associate in Chemistry, one year from September 1, 1960, \$5,500 (6-9-60).
- ERIKSEN, CHARLES W., Professor of Psychology, two months from June 16, 1960, \$1,033.33 a month; this is in addition to his present appointment (6-8-60).
- EWING, BEN B., Associate Professor of Sanitary Engineering (Civil Engineering) (S), two months from June 16, 1960, \$922.22 a month; this is in addition to his present appointment (6-7-60).
- FEINSTEIN, IRWIN K., Associate Professor of Education, Summer Session of 1960, June 20-July 16, 1960, \$845 for the period (6-20-60).
- FELTNER, CHARLES E., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1960, \$5,400 (6-17-60).
- FERGUSON, JANE, Research Assistant in the Institute for Research on Exceptional Children, June 13-August 5, 1960, \$1,000 (6-3-60).
- FIEDLER, FRED E., Associate Professor of Psychology, two months from June 16, 1960, \$988.89 a month; this is in addition to his present appointment (6-8-60).
- FLEY, JO ANN, Assistant Dean of Women, one year from September 1, 1960, \$6,500 (6-14-60).
- FLORES, JOSEPH S., Associate Professor of Spanish (Education), $\frac{1}{2}$ time, June 20-August 13, 1960, \$1,000; this is in addition to his present appointment (6-8-60).
- FLORSCHUETZ, LEON W., Research Assistant in Nuclear Engineering (Mechanical and Industrial Engineering) (C), June 16-August 31, 1960, \$1,111.11 (6-9-60).

- FOOTE, MRS. BEVERLY V. D., Assistant in Agronomy (S), two months from June 16, 1960, \$400 a month (6-25-60).
- FOULK, CLINTON R., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1960, \$488.88 a month (6-4-60).
- FRANK, JAMES L., Instructor in Full and Removable Partial Dentures and in Administration (Dentistry), one year from September 1, 1960, \$7,500 (6-25-60).
- FRANKMANN, RAYMOND W., JR., Assistant Professor of Psychology, two months from July 1, 1960, \$733.33 a month; this is in addition to his present appointment (6-8-60).
- FRAUENFELDER, HANS, Professor of Physics (C), two months from June 16, 1960, \$1,444.44 a month; this is in addition to his present appointment (5-27-60).
- FREEDMAN, MORRIS D., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1960, \$444.44 a month (6-4-60).
- FRENCH, JAMES L., Instructor in Mechanical Engineering (C), $\frac{1}{4}$ time, academic year beginning September 1, 1960, \$1,500; this is in addition to his appointment as Engineering Faculty Development Fellow (6-17-60).
- FRIEDBERG, ARTHUR L., Professor of Ceramic Engineering (C), two months from June 16, 1960, \$1,222.22 a month; this is in addition to his present appointment (6-3-60).
- FRIEDERICH, ALLAN G., Associate Professor of Mechanical Engineering (Civil Engineering) (C), two months from June 16, 1960, \$800 a month; this is in addition to his present appointment (5-27-60).
- GAITHER, ROBERT B., Instructor in Mechanical Engineering (C), $\frac{1}{4}$ time, academic year beginning September 1, 1960, \$1,500; this is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Mechanical Engineering (6-11-60).
- GAZDA, GEORGE, Assistant Professor of Education, $\frac{1}{2}$ time, June 20-August 13, 1960, \$723; this is in addition to his regular appointment and to his Summer Session appointment (7-7-60).
- GILMORE, THOMAS B., Assistant in English, nine months from September 16, 1960, \$3,800 (6-21-60).
- GLASER, DANIEL, Associate Professor of Sociology, two months from June 16, 1960, \$938.89 a month; this is in addition to his present appointment (6-1-60).
- GODWIN, JOSEPH R., Research Associate in Sociology, two months from June 16, 1960, \$525 a month (7-2-60).
- GOLDBERG, JOSEPH H., Research Assistant Professor in the Coordinated Science Laboratory (C), two months from June 16, 1960, \$945 a month, supersedes (6-7-60).
- GOLDSTEIN, LADISLAS, Professor of Electrical Engineering (C), two months from June 16, 1960, \$1,833.33 a month; this is in addition to his present appointment (5-27-60).
- GOLDWASSER, EDWIN L., Professor of Physics (C), two months from June 16, 1960, \$1,055.55 a month; this is in addition to his present appointment (5-27-60).
- GOODMAN, ALAN B., Research Assistant in the Institution for Tuberculosis Research, June 3-August 31, 1960, \$5,000 a year, supersedes (6-24-60).
- GOODMAN, GARY C., Research Assistant in Astronomy, two months from July 1, 1960, \$400 a month (5-31-60).
- GOODWIN, HAROLD A., Research Associate in Chemistry, two months from September 1, 1960, \$500 a month (6-18-60).
- GOULD, ORRIN E., Assistant Professor of Education, June 20-August 13, 1960, \$1,556; this is in addition to his present appointment (6-17-60).
- GOURI SHANKAR, V., Instructor in Electrical Engineering (C), $\frac{3}{4}$ time, academic year beginning September 1, 1960, \$3,720, supersedes (6-17-60).
- GRAEBNER, NORMAN A., Professor of History, $\frac{1}{2}$ time, indefinite tenure, and Associate Member of the Center for Advanced Study (Graduate College), $\frac{1}{2}$ time, one year from September 1, 1960, to render service during the academic year, \$13,500 a year (6-17-60).
- GRAF, ROBERT B., Research Assistant in Geology, June 20-August 13, 1960, \$800 (5-27-60).
- GRANT, E. RHODA, Research Associate in Clinical Science (Medicine), $\frac{4}{5}$ time, three months from June 1, 1960, \$400 a month, supersedes (6-7-60).

- GRAY, ROBERT F., Visiting Associate Professor of Anthropology, nine months from September 16, 1960, \$8,000 (6-21-60).
- GREENBERG, RUVEN, Associate Professor of Physiology (Medicine), two months from June 16, 1960, \$2,366.66; this is in addition to his present appointment (7-2-60).
- GRICE, G. ROBERT, Professor of Psychology, two months from June 16, 1960, \$1,155.56 a month; this is in addition to his present appointment (6-8-60).
- GRIFFITH, MARY E., Assistant in Education (University High School), nine months from September 16, 1960, \$4,700 (6-11-60).
- GRUPE, HAROLD E., JR., Research Assistant in Oral Pathology (Dentistry), July 1, 1960-August 31, 1961, \$4,650 a year (7-2-60).
- GUCKEL, HENRY, Research Assistant in the Digital Computer Laboratory, June 16-August 31, 1960, \$444.44 a month (5-27-60).
- GUILLOU, JOHN C., Associate Professor of Hydraulic Engineering (Civil Engineering) (C), one month from July 1, 1960, \$966.67; this is in addition to his present appointment (6-10-60).
- GUTH, SHERMAN L., Research Assistant in Psychology, two months from June 16, 1960, \$400 a month (6-9-60).
- GUTOWSKY, HERBERT S., Research Professor of Chemistry, two months from June 16, 1960, \$1,889 a month; this is in addition to his present appointment (7-2-60).
- HAAN, ROBERT L., Instructor in History, academic year beginning September 1, 1960, \$6,000 (6-14-60).
- HAERTLING, GENE H., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1960, \$500 a month (6-20-60).
- HAKE, HAROLD W., Associate Professor of Psychology, two months from June 16, 1960, \$1,022.22 a month; this is in addition to his present appointment (6-8-60).
- HALE, WILLIAM T., Assistant in University High School, June 16-25, 1960, and August 22-September 10, 1960, \$843.33 (6-23-60).
- HALL, B. VINCENT, Research Professor of Zoology, two months from June 16, 1960, \$1,078 a month; this is in addition to his present appointment (5-27-60).
- HALL, BENJAMIN D., Research Assistant Professor of Chemistry, two months from June 16, 1960, \$733.50 a month; this is in addition to his present appointment (6-8-60).
- HALL, GEORGE F., Assistant in Agronomy (S), June 16-August 31, 1960, \$400 a month (6-25-60).
- HALL, WILLIAM J., Professor of Civil Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1960, \$555.56 a month; this is in addition to his present appointment and to his Summer Session appointment (5-27-60).
- HARNISH, BENJAMIN F., III, Research Assistant in the Small Homes Council-Building Research Council, June 16-August 31, 1960, \$1,000, supersedes (6-9-60).
- HARRINGTON, JOHN C., Research Assistant in Chemistry, June 16-August 31, 1960, \$500 a month, supersedes (6-15-60).
- HART, ALICE G., Visiting Lecturer in Education, June 20-September 2, 1960, \$1,375 (6-22-60); and Research Associate in Mathematics, academic year beginning September 1, 1960, \$6,500 (6-17-60).
- HARVEY, ROBERT O., Professor of Finance, two months from June 16, 1960, \$2,377.77; this is in addition to his present appointment (7-2-60).
- HATCH, GAYLORD F., Assistant in History of Civilization (Division of General Studies), nine months from September 16, 1960, \$4,500 (6-20-60).
- HAUGH, CONNOR F., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2,600 (6-11-60).
- HEILMAN, ANN E., Visiting Lecturer in Social Sciences (Chicago Undergraduate Division), Summer Session of 1960, $\frac{3}{4}$ time, June 20-August 13, 1960, \$934 for the period (6-24-60).
- HEINS, ARTHUR J., Instructor in Finance, academic year beginning September 1, 1960, \$7,250 (6-18-60).
- HELLER, ALEX, Associate Professor of Mathematics, June 15-August 24, 1960, \$2,125; this is in addition to his present appointment (6-1-60).
- HENDERLEITER, W. M., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1960, $\frac{1}{2}$ time, June 20-August 13, 1960, \$852 for the period (6-13-60).

- HENDRICKS, CHARLES D., JR., Associate Professor of Electrical Engineering (C), one month from June 16, 1960, \$1,000; this is in addition to his present appointment (5-27-60).
- HENRY, JOHN A., Counselor in the Student Counseling Service (Provost's Office), one month from August 1, 1960, \$1,067; this is in addition to his present appointment (5-31-60).
- HERRIN, MORELAND, Associate Professor of Civil Engineering (S), two months from July 1, 1960, \$955.55 a month; this is in addition to his present appointment (5-27-60).
- HILL, DIETRICH A., Assistant in English, nine months from September 16, 1960, \$3,800 (6-14-60).
- HILL, ROBERT D., Professor of Physics (C), one month from August 1, 1960, \$1,200; this is in addition to his present appointment (5-27-60).
- HOCHSTEIN, LAWRENCE I., Instructor in Microbiology (Medicine), one year from September 1, 1960, \$7,600 (6-14-60).
- HOLDEN, THOMAS L., Assistant Professor of Woodwinds (Music), Summer Session of 1960, $\frac{3}{4}$ time, June 19-July 23, 1960, \$400 for the period (6-17-60).
- Hsu, YU KAO, Research Assistant in Aeronautical Engineering (C), two months from June 16, 1960, \$422.22 a month (6-18-60).
- HUANG, EUGENE Y., Associate Professor of Civil Engineering (S), two months from July 1, 1960, \$833.33 a month; this is in addition to his present appointment (5-27-60).
- HUFFORD, LYLE E., Research Assistant in Psychology, two months from June 16, 1960, \$400 a month (6-9-60).
- HULSIZER, ROBERT I., Professor of Physics (C), June 16-July 31, 1960, and September 1-15, 1960, \$1,333.33 a month; this is in addition to his present appointment (5-27-60).
- HUMMEL, JOHN P., Assistant Professor of Physics (C), two months from June 16, 1960, \$822.22 a month; this is in addition to his present appointment (5-27-60).
- HUMPHREYS, LLOYD G., Professor of Psychology, two months from June 16, 1960, \$1,555.56 a month; this is in addition to his present appointment (6-8-60).
- HUNT, J. M., Professor of Psychology, two months from June 16, 1960, \$1,555.56 a month; this is in addition to his present appointment (6-8-60).
- HUTTON, CHARLES L., JR., Assistant Professor of Speech and Supervisor of Clinicians in the Summer Residential Clinic, Summer Session of 1960, June 20-August 13, 1960, \$1,512 for the period, supersedes his previous Summer Session appointment (6-28-60).
- IHRIG, H. KARL, JR., Lecturer in Mechanical Engineering (C), $\frac{1}{4}$ time, academic year beginning September 1, 1960, \$1,650; this is in addition to his appointment as Ford Foundation Fellow in Mechanical Engineering (6-17-60).
- INGLE, LESTER, Professor of Zoology, two months from June 16, 1960, \$1,055 a month; this is in addition to his present appointment (6-17-60).
- IRELAND, HERBERT O., Professor of Civil Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1960, \$516.67 a month; this is in addition to his present appointment and to his Summer Session appointment (5-27-60).
- JACKSON, JOHN D., Professor of Physics (C), June 16-July 31, 1960, and September 1-15, 1960, \$1,333.33 a month; this is in addition to his present appointment (5-27-60).
- JACKSON, JOSEPH F., Professor of French, 32/100 time, June 20-August 13, 1960, \$800; this is in addition to his present appointment (5-31-60).
- JACOBS, LESTER, Assistant Professor of Clinical Dentistry (Admitting Clinic) (Dentistry), 3/10 time, one year from September 1, 1960, \$2,400 (6-25-60).
- JAGER, VIRGINIA S., Research Assistant in Chemistry, May 16-August 31, 1960, \$391.67 a month (5-25-60); and for one year from September 1, 1960, \$4,700 (6-21-60).
- JANES, ROBERT W., Associate Professor of Sociology, two months from June 16, 1960, \$950 a month; this is in addition to his present appointment (7-2-60).
- JENKINS, JOHNIE N., Research Associate in Agronomy (S), June 16, 1960-August 31, 1961, \$6,000 a year (6-25-60).
- JENSEN, JAY W., Associate Professor of Journalism and Head of the Department (Journalism and Communications), indefinite tenure from September 1, 1960, to render service during each academic year, \$12,000 a year (6-14-60).

- JERSILD, RALPH A., JR., Research Assistant in Zoology, two months from July 16, 1960, \$400 a month (6-3-60).
- JOHNSON, CHARLES E., Associate Professor of Education, $\frac{1}{2}$ time, June 20-August 13, 1960, \$945; this is in addition to his present appointment and to his Summer Session appointment (5-27-60).
- JOHNSON, NOEL H., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1960, \$466.66 a month, supersedes (7-7-60).
- JOHNSON, WILLIAM H., Assistant Professor of Animal Science (S), two months from July 1, 1960, \$822.22 a month; this is in addition to his present appointment (5-27-60).
- KAMMEYER, PATTY H., Research Assistant in Chemistry, two months from June 16, 1960, \$400 a month (5-27-60).
- KAPPAUF, WILLIAM E., Professor of Psychology, two months from June 16, 1960, \$1,366.67 a month; this is in addition to his present appointment (6-8-60).
- KARGE, JOSEPH R., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1960, \$422.22 a month (6-4-60).
- KARLOWICH, ROBERT A., Bibliographer, with rank of Instructor, in the Library, one year from September 1, 1960, \$7,000 (6-15-60).
- KARPLUS, MARTIN, Research Associate Professor of Chemistry, two months from June 16, 1960, \$889 a month; this is in addition to his present appointment (7-11-60).
- KEENAN, DOROTHY, Assistant in Education, Summer Session of 1960, June 20-July 16, 1960, \$500 for the period; this is in addition to her Summer Session appointment (6-28-60).
- KELLER, ROY J., Assistant in Education (University High School), nine months from September 16, 1960, \$5,000 (6-17-60).
- KEMP, JOAN, Assistant in Physical Education for Women, nine months from September 16, 1960, \$5,500 (6-14-60).
- KESLER, CLYDE E., Professor of Theoretical and Applied Mechanics (C), $\frac{1}{4}$ time, two months from June 16, 1960, \$833.25 a month; this is in addition to his present appointment and to his Summer Session appointment (5-27-60).
- KHETTRY, ARUN K., Research Assistant in Chemistry, two months from June 16, 1960, \$400 a month (6-9-60).
- KIEN, GERALD A., Instructor in Pharmacology (Medicine), two months from July 1, 1960, \$800 a month (7-11-60).
- KIMBROUGH, JOE A., Assistant in English, nine months from September 16, 1960, \$3,800 (6-14-60).
- KINNEY, PAUL T., Assistant Professor of Finance, June 16-August 31, 1960, \$822 a month; this is in addition to his present appointment (6-24-60).
- KOBAN, CHARLES, Assistant in English, nine months from September 16, 1960, \$3,800 (6-14-60).
- KOEHLER, JAMES S., Professor of Physics (C), two months from June 16, 1960, \$1,444.44 a month; this is in addition to his present appointment (5-27-60).
- KOHLBECKER, EUGENE, Visiting Assistant Professor of Mathematics, academic year beginning September 1, 1960, \$7,800 (5-31-60).
- KOKKOTAKIS, NICK A., Research Assistant in Physics (C), May 25-August 31, 1960, \$420 a month, supersedes (6-1-60).
- KOLB, PHILIP, Professor of French, $\frac{1}{2}$ time, on indefinite tenure, and Associate Member of the Center for Advanced Study (Graduate College), $\frac{1}{2}$ time, one year from September 1, 1960, to render service during each academic year, \$12,000 a year (6-11-60).
- KONZ, STEPHAN, Instructor in Mechanical Engineering (C), academic year beginning September 1, 1960, \$6,000 (6-17-60).
- KORMENDY, CHARLES G., Research Assistant in Chemistry (Pharmacy), June 16, 1960-August 31, 1961, \$4,800 a year (6-14-60).
- KRUIDENIER, FRANCIS J., Research Associate Professor of Zoology, two months from June 16, 1960, \$922 a month; this is in addition to his present appointment (5-27-60).
- KRUSE, ULRICH E., Assistant Professor of Physics (C), two months from June 16, 1960, \$944.44 a month; this is in addition to his present appointment (5-27-60).
- KUNIHITO, TOSHIRO, Research Assistant in the Digital Computer Laboratory, two months from June 16, 1960, \$422.22 a month (5-27-60).

- LAITINEN, HERBERT A., Research Professor of Chemistry, on $\frac{1}{2}$ time, one month from June 16, 1960, \$834; this is in addition to his present appointment (5-27-60); and Professor of Analytical Chemistry, indefinite tenure beginning September 1, 1960, to render service during each academic year, \$17,500 a year (6-27-60).
- LAMBRAKIS, HELEN, Research Assistant in Sociology, one month from June 16, 1960, \$400 (7-2-60).
- LAMKIN, GLENNA H., Assistant Professor of Home Economics, Summer Session of 1960, $\frac{1}{2}$ time, June 20-July 16, 1960, \$334 for the period, supersedes her previous Summer Session appointment (7-2-60).
- LANBRY, JOSEPH P. F., Instructor in Physical Education for Men, $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2,450 (6-15-60).
- LANGHAAR, HENRY L., Professor of Theoretical and Applied Mechanics, in the Indian Institute of Technology, Kharagpur, India, June 16 through August 31, 1960, \$1,680 a month; this is in addition to his present appointment; and beginning September 1, 1960, and continuing through July 31, 1961, \$20,820 a year (6-9-60).
- LAUGHNAN, JOHN R., Research Professor of Botany, two months from June 16, 1960, \$1,444 a month; this is in addition to his present appointment (7-2-60).
- LAVATELLI, LEO, Professor of Physics (C), two months from June 16, 1960, \$1,055.55 a month; this is in addition to his present appointment (5-27-60).
- LAZARUS, DAVID, Professor of Physics (C), July 1-31, 1960, and August 15-September 15, 1960, \$1,111.11 a month; this is in addition to his present appointment (5-27-60).
- LEDET, DAVID A., Assistant Professor of Music, Summer Session of 1960, June 20-August 13, 1960, \$1,356 for the period, supersedes his previous Summer Session appointment (6-17-60).
- LEEDOM, JOHN M., Research Assistant in Medicine (Medicine), one year from July 1, 1960, \$4,650 (6-17-60).
- LEHMANN, WILMA H., Research Assistant in Zoology, one month from June 16, 1960, \$400 (5-27-60).
- LEIGH, ROBERT D., Assistant in Physical Education for Men, nine months from September 16, 1960, \$5,200 (6-13-60).
- LEPPERT, ELLA, Associate Professor of Education, Summer Session of 1960, June 20-July 30, 1960, \$1,459 for the period (6-28-60).
- LERCH, HAROLD H., Assistant in Education, July 18-August 13, 1960, \$500 (6-17-60).
- LEWIS, WILLIAM A., Visiting Lecturer in Education, June 20-August 13, 1960, \$1,700 (7-7-60).
- LIDE, FRANCIS P., JR., Assistant in German, nine months from September 16, 1960, \$4,000 (6-20-60).
- LISTON, WILLIAM, Assistant in English, nine months from September 16, 1960, \$3,800 (6-14-60).
- LITTLEWOOD, JOHN M., Chemistry Library Assistant (Library), one year from September 1, 1960, \$5,200 (6-14-60).
- LITNER, NER, Clinical Assistant Professor of Psychiatry (Medicine), $\frac{1}{4}$ time, ten months from July 1, 1960, \$250 a month, supersedes (7-11-60).
- LIU, CHAO-NING, Research Assistant in the Digital Computer Laboratory, two months from June 16, 1960, \$466.66 a month (5-27-60).
- LIU, HAO WEN, Research Assistant Professor of Theoretical and Applied Mechanics (C), academic year beginning September 1, 1960, \$6,600 (6-18-60).
- LOVE, WILLIE N., Assistant Professor of English (Chicago Undergraduate Division), academic year beginning September 1, 1960, \$5,700 (6-14-60).
- LOW, LEONE Y., Instructor in Mathematics, to render service during the first semester of the academic year, September 1, 1960-February 28, 1961, \$500 a month (6-14-60).
- LUX, DONALD G., Associate Professor of Education, University Council on Teacher Education (Teacher Training Counseling), $\frac{1}{2}$ time, June 16-August 13, 1960, \$1,912; this is in addition to his present appointment (6-18-60).
- LYMAN, ERNEST M., Research Professor in the Coordinated Science Laboratory (C), two months from June 16, 1960, \$1,355.55 a month; this is in addition to his present appointment (6-10-60).

- LYTTON, DALE F., Research Assistant in Sociology, three months from June 16, 1960, \$400 a month (6-3-60).
- MACHINE, XENIA, Assistant Professor of Pharmacology (Medicine), two months from July 1, 1960, \$888.89 a month; this is in addition to his present appointment (6-24-60).
- MADSEN, ALBERT G., Assistant in Marketing (Agricultural Economics) (S), two months from July 1, 1960, \$406.67 a month, supersedes (6-25-60).
- MANN, DENNIS K., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine), $\frac{3}{4}$ time, June 20-August 31, 1960, \$362.50 a month (7-2-60).
- MAPOTHER, DILLON E., Professor of Physics (C), two months from June 16, 1960, \$1,111.11 a month; this is in addition to his present appointment (5-27-60).
- MAR, THERESE MING-CHUNG, Research Assistant in Microbiology, two months from June 16, 1960, \$400 a month (6-9-60).
- MARYANOV, GERALD S., Assistant Professor of Political Science, Summer Session of 1960, $\frac{1}{2}$ time, June 20-August 13, 1960, \$667 for the period (6-3-60).
- MATCHETT, WILLIAM H., Research Assistant in Botany, full time, two months from July 1, 1960, \$410 a month; and $\frac{1}{2}$ time, ten months from September 1, 1960, \$205 a month (6-17-60).
- MATITYAHU, SHEINBLATT, Research Associate in Chemistry, one year from September 1, 1960, \$5,500 (6-18-60).
- MAURER, ROBERT J., Professor of Physics and Acting Associate Head of the Department (C), June 16-30, 1960, and August 1-September 15, 1960, \$1,622.22 a month; this is in addition to his present appointment (5-27-60).
- MAYESKE, GEORGE, Research Assistant in Psychology, two months from June 16, 1960, \$400 a month (6-8-60).
- MCALLISTER, WALTER G., Associate Professor of Psychology, Summer Session of 1960, $\frac{1}{2}$ time, June 20-August 13, 1960, \$856 for the period (7-2-60).
- MCDIARMID, COLIN G., Research Assistant in Psychology, two months from June 16, 1960, \$400 a month (6-8-60).
- MCDONALD, VINCENT J., Associate Professor of Civil Engineering (C), two months from June 16, 1960, \$888.89 a month; this is in addition to his present appointment (5-27-60).
- MC FALL, ROBERT L., Instructor in Agricultural Engineering (C and S), August 1, 1960-August 31, 1961, \$6,800 a year (6-18-60).
- MC GUIRE, WILLIAM J., Associate Professor of Psychology, two months from June 16, 1960, \$866.67 a month; this is in addition to his present appointment (6-8-60).
- McLAIN, DONALD D., JR., Research Associate in Botany, two months from June 16, 1960, \$500 a month (7-2-60).
- McMURRAY, CARL D., Research Assistant in Political Science, two months from June 16, 1960, \$400 a month (6-3-60).
- MELTON, JAMES O., Assistant in Agricultural Economics (S), two months from July 1, 1960, \$800 (6-25-60).
- MENACHOF, IRWIN, Clinical Instructor in Ophthalmology (Medicine), July 1, 1960-August 31, 1961, without salary (6-14-60).
- MENDEL, CLIFFORD W., JR., Research Assistant in the Coordinated Science Laboratory (C), June 16-August 31, 1960, \$440 a month, supersedes (6-20-60).
- MERRITT, J. LEVERING, JR., Assistant Professor of Civil Engineering, $\frac{1}{2}$ time, Summer Session of 1960, June 20-August 13, 1960, \$834 for the period (6-10-60).
- METZGER, MARVIN, Associate Professor of Physical Metallurgy (Mining and Metallurgical Engineering) (C), two months from June 16, 1960, \$966.66 a month; this is in addition to his present appointment (6-17-60).
- MICHEL, GED A. W., Research Associate in Chemistry, one year from September 1, 1960, \$6,000 (6-14-60).
- MIRON, MURRAY S., Research Associate in the Institute of Communications Research, June 20-August 13, 1960, \$667 a month; this is in addition to his present appointment (5-31-60).
- MITCHELL, ROBERT V., Research Professor of Geography, one month from July 1, 1960, \$1,089; this is in addition to his present appointment (6-1-60).
- MON, MEHM TIN, Research Assistant in Chemistry, one month from June 16, 1960, \$400 (5-31-60).

- MONTY, JEANNE R., Instructor in French, academic year beginning September 1, 1960, \$6,000 (6-21-60).
- MORRILL, WALTER D., Acting Binding Librarian, with rank of Instructor, in the Library, July 1, 1960-August 31, 1961, \$6,000 a year (6-25-60).
- MORROW, JO DEAN, Associate Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1960, \$888.88 a month; this is in addition to his present appointment (5-27-60).
- MOSBORG, ROBERT J., Associate Professor of Civil Engineering (C), June 16-August 31, 1960, \$944.44 a month; this is in addition to his present appointment (6-2-60).
- MOSS, JAMES W., Research Associate in the Institute for Research on Exceptional Children, June 16-August 31, 1960, \$700 a month (7-11-60).
- MUNSE, WILLIAM H., Professor of Civil Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1960, \$677.78 a month; this is in addition to his present appointment and to his Summer Session appointment (5-27-60).
- MURRAY, MRS. HELEN N., Visiting Lecturer in Education, Summer Session of 1960, June 20-August 13, 1960, \$1,000 for the period (6-27-60).
- NAGAI, TOSHIO, Research Associate in Physiology, one year from September 1, 1960, \$6,000 (5-25-60).
- NAIKELIS, U. STANLEY, Research Assistant in the Digital Computer Laboratory, two months from June 16, 1960, \$422.22 a month (6-11-60).
- NAKAZAWA, YASUO, Research Associate in Chemistry, one year from September 1, 1960, \$5,600 (6-9-60).
- NALBANDOV, OLGA G., Research Associate in Entomology, $\frac{1}{2}$ time, July 1, 1960-August 31, 1961, \$3,000 a year (7-7-60).
- NANNY, DAVID L., Research Professor of Zoology, two months from June 16, 1960, \$1,333 a month; this is in addition to his present appointment (5-27-60).
- NEISWANGER, WILLIAM A., Research Professor of Economics, June 21-August 13, 1960, \$2,955.54 for the period; this is in addition to his present appointment (6-20-60).
- NEWMARK, NATHAN M., Professor of Civil Engineering and Head of the Department (C), $\frac{3}{4}$ time, one month from June 16, 1960, \$1,625; this is in addition to his present appointment and to his Summer Session appointment (6-3-60).
- NORTON, MRS. ELEANOR K., Visiting Lecturer in Education, Summer Session of 1960, June 20-July 16, 1960, \$600 for the period (6-14-60).
- NOVICK, ROBERT, Associate Professor of Physics (C), June 16-30, 1960, \$1,111.11 a month; this is in addition to his present appointment (6-3-60).
- O'CONNELL, JAMES S., Research Associate in Physics (C), three months from June 1, 1960, \$541.66 a month, supersedes (6-10-60).
- OELKE, MERRITT C., Research Associate in Education, June 20-August 13, 1960, \$1,800 (6-4-60).
- OHLEN, MERLE M., Professor of Education, $\frac{1}{2}$ time, June 20-August 13, 1960, \$1,223; this is in addition to his present appointment and to his Summer Session appointment (6-18-60).
- O'KELLY, LAWRENCE I., Professor of Psychology, two months from June 16, 1960, \$1,366.67 a month; this is in addition to his present appointment (6-8-60).
- OLSON, ARNE L., Instructor in Physical Education for Men, academic year from September 1, 1960, \$5,500 (6-15-60).
- OMORI, DOROTHY K., Instructor in Occupational Therapy (Medicine), one month from August 1, 1960, \$512.50 (6-24-60).
- ORVEDAHL, JESSE, Research Associate in Education (University High School), one year from July 1, 1960, \$7,800 (6-23-60).
- PACHMUS, TEMIRA, Instructor in Russian, Summer Session of 1960, June 20-August 13, 1960, \$1,445 for the period (6-3-60).
- PADEN, DONALD W., Professor of Economics, June 16-August 3, 1960, \$2,081 for the period; this is in addition to his present appointment (6-24-60).
- PAPAGEORGIS, DEMETRIOS, Research Assistant in Psychology, one month from June 16, 1960, \$400 (6-8-60).
- PARTCH, HARRY, Research Associate in Music, one year from June 16, 1960, \$5,500 (6-25-60).
- PEEK, LEVIN J., JR., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1960, \$422.22 a month (5-27-60).

- PEPPER, ECHO D., Associate Professor of Mathematics, indefinite tenure beginning September 1, 1960, to render service during each academic year, \$8,500 a year (6-15-60).
- PETERS, MAX S., Professor of Chemical Engineering (S), two months from June 16, 1960, \$1,389 a month; this is in addition to his present appointment (6-2-60).
- PETERS, STANLEY C., Research Assistant in the Institute for Research on Exceptional Children, June 16-July 27, 1960, \$400 a month (6-18-60).
- PETTINGA, PAUL S., Counselor in the Student Counseling Service, two months from July 1, 1960, \$1,089 a month; this is in addition to his present appointment (5-31-60).
- PFALLER, MRS. SHIRLEY B., Research Assistant in Chemistry, two months from June 16, 1960, \$400 a month (6-9-60).
- PICKER, MARTIN, Instructor in Music, $\frac{1}{2}$ time, Summer Session of 1960, June 20-August 13, 1960, \$412 for the period (6-28-60).
- PIGAGE, LEO C., Professor of Mechanical Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1960, \$528 a month; this is in addition to his present appointment (5-27-60).
- PLAMENAC, DRAGAN, Professor of Music, $\frac{1}{2}$ time, Summer Session of 1960, June 20-August 13, 1960, \$1,267 for the period, supersedes his previous Summer Session appointment (7-12-60).
- PORTER, MAURICE G., Assistant Professor of Agricultural Law (Agricultural Economics) (C and S), $\frac{1}{2}$ time, and of Civil Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$7,000 (6-24-60).
- PROFF, FRED C., Associate Professor of Education, June 20-August 13, 1960, \$1,956; this is in addition to his present appointment (6-18-60).
- PROSSER, C. LADD, Professor of Physiology, 81/100 time, one month from July 1, 1960, \$1,200; this is in addition to his present appointment (7-2-60).
- PUGH, ROBERT, Counselor in the Student Counseling Service, two months from June 16, 1960, \$756 a month, supersedes his appointment on $\frac{1}{4}$ time as Counselor in the Student Counseling Service and is in addition to his present appointment as Assistant Professor of History (5-31-60).
- RAJAN, N. S., Assistant in the Radiocarbon Laboratory, two months from June 16, 1960, \$444.44 a month (6-3-60).
- RAMACHANDRAN, SURYANARAYAN, Research Associate in Plant Pathology (S), seven months from June 16, 1960, \$3,500 (6-6-60).
- RAPP, MARIE A., Circulation Librarian and Assistant Professor of Library Administration (Chicago Undergraduate Division), one year from September 1, 1960, \$8,000 (6-17-60).
- RAVENHALL, DAVID G., Associate Professor of Physics (C), two months from June 16, 1960, \$944.44 a month; this is in addition to his present appointment (5-27-60).
- RAY, SYLVIAN R., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1960, \$500 a month (6-28-60).
- READ, THOMAS A., Professor of Metallurgical Engineering and Head of the Department of Mining and Metallurgical Engineering (C), two months from June 16, 1960, \$1,833.33 a month; this is in addition to his present appointment (6-2-60).
- RHODES, DAVID R., Research Assistant in Chemistry, two months from June 16, 1960, \$400 a month (5-31-60).
- RIBENBOIM, PAULO, Visiting Associate Professor of Mathematics, academic year beginning September 1, 1960, \$7,500 (6-15-60).
- RODRIGUEZ, JOSE J., Instructor in Theoretical and Applied Mechanics, $\frac{1}{2}$ time, Summer Session of 1960, June 20-August 13, 1960, \$612 for the period (6-13-60).
- ROEPKE, HOWARD G., Research Associate Professor of Geography, August 1-19, 1960, \$555; this is in addition to his present appointment (6-1-60).
- ROSE, S. MERYL, Research Professor of Zoology, two months from June 16, 1960, \$1,411 a month; this is in addition to his present appointment (5-27-60).
- ROSENBERG, HENRY M., Assistant Professor of Radiology (Dentistry), $\frac{3}{4}$ time, one year from September 1, 1960, \$6,000 (6-25-60).
- ROSTAS, MRS. JOELLE, Research Assistant in Aeronautical Engineering (C), two months from June 16, 1960, \$444 a month (6-18-60).

- ROTUNNO, MARTIN A., Recreation Director of the Speech-Summer Residential Program, $\frac{1}{2}$ time, Summer Session of 1960, June 20-August 13, 1960, \$175 for the period (7-2-60).
- ROUFFA, A. S., Associate Professor of Biological Sciences (Chicago Undergraduate Division), Summer Session of 1960, June 17-August 12, 1960, \$1,950 for the period (6-24-60).
- ROWE, KEITH A., Research Assistant in Mathematics, June 16-August 15, 1960, \$400 a month, supersedes his Summer Session appointment (6-8-60).
- ROWE, WILLIAM L., Instructor in Philosophy, academic year from September 1, 1960, \$5,600 (6-16-60).
- RUPPRECHT, EVELYN, Research Assistant in the Institute for Research on Exceptional Children, June 13-August 5, 1960, \$1,000 (6-3-60).
- RUTTER, WILLIAM J., Research Assistant Professor of Chemistry, two months from June 16, 1960, \$1,089 a month; this is in addition to his present appointment (6-8-60).
- SABINE, CLARK L., Instructor in Occupational Therapy (Medicine), three months from June 1, 1960, \$491.69 a month (6-17-60).
- SAPP, DENNIS H., Research Assistant in the Small Homes Council-Building Research Council, two months from June 16, 1960, \$400 a month (6-1-60).
- SAVITCH, GLORIA A., Research Assistant in the Institute for Research on Exceptional Children, June 13-August 5, 1960, \$1,000 (6-20-60).
- SCHRIEFFER, J. ROBERT, Assistant Professor of Physics (C), two months from June 16, 1960, \$800 a month; this is in addition to his present appointment (6-7-60).
- SCHUG, JOHN C., Research Assistant in Chemistry, three months from June 16, 1960, \$400 a month (7-11-60).
- SCHWARZ, MARVIN J., Assistant Professor of Psychiatry (Medicine), two months from July 1, 1960, \$1,083.33 a month (5-25-60).
- SEAMAN, RICHARD, Counselor in the Student Counseling Service, June 15-August 14, 1960, \$428 a month (6-2-60).
- SELANDER, RICHARD B., Assistant Professor of Entomology, June 16-August 31, 1960, \$727.77 a month; this is in addition to his present appointment (5-25-60).
- SEYLER, JIMMY W., Assistant Professor of Civil Engineering (C), two months from June 16, 1960, \$1,600; this is in addition to his present appointment (5-31-60).
- SHAFFER, LOUIS R., Instructor in Civil Engineering (C), two months from June 16, 1960, \$689 a month; this is in addition to his present appointment (5-27-60).
- SHAFFER, VIRGINIA F., Visiting Lecturer in Education, Summer Session of 1960, June 20-August 13, 1960, \$1,200 for the period (6-10-60).
- SHERWIN, CHALMERS W., Associate Director of the Coordinated Science Laboratory (C), two months from June 16, 1960, \$1,555.55 a month; this is in addition to his present appointment (6-21-60).
- SHERWOOD, FRANKLIN B., Assistant in Food Technology (S), two months from July 1, 1960, \$422.22 a month (5-31-60).
- SHINER, VERNON J., JR., Visiting Lecturer in Chemistry, Summer Session of 1960, June 20-August 13, 1960, \$2,000 for the period (6-3-60).
- SHIOURA, NORIO, Research Associate in the Aeromedical Laboratory, two months from July 1, 1960, \$616.66 a month (7-2-60).
- SHOEMAKER, DONALD J., Assistant Professor of Psychology, $\frac{1}{2}$ time, two months from June 16, 1960, \$388.89 a month; this is in addition to his present appointment and to his Summer Session appointment (6-8-60).
- SHOEMAKER, WILFRED L., Assistant Professor of Education, June 20-August 13, 1960, \$1,534; this is in addition to his present appointment (7-7-60).
- SHUPP, FRANKLIN R., Assistant Professor of Economics, academic year from September 1, 1960, \$7,250 (6-20-60).
- SIEGEL, FREDERICK P., Assistant Professor of Pharmacy (Pharmacy), June 20-July 30, 1960, \$1,287; this is in addition to his present appointment (6-7-60).
- SIEGEL, PETER, Instructor in Obstetrics and Gynecology (Medicine), one year from July 1, 1960, \$9,600 (6-25-60).
- SLESS, CHESTER P., Professor of Civil Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1960, \$677.78 a month; this is in addition to his present appointment and to his Summer Session appointment on $\frac{1}{2}$ time (5-27-60).
- SILVA, PAUL C., Research Associate Professor of Botany, one month from June 16, 1960, \$966.66; this is in addition to his present appointment (6-27-60).

- SILVIA, DANIEL S., JR., Assistant in English, nine months from September 16, 1960, \$3,800 (6-14-60).
- SIMMONS, RALPH O., Assistant Professor of Physics (C), two months from June 16, 1960, \$800 a month; this is in addition to his present appointment (5-27-60).
- SINCLAIR, GEORGE M., Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1960, \$1,188.89 a month; this is in addition to his present appointment (5-27-60).
- SINCLAIR, HAROLD R., JR., Assistant in Agronomy (C and S), two months from July 1, 1960, \$400 a month, supersedes (6-25-60).
- SINNAMON, GEORGE K., Associate Professor of Civil Engineering (C), two months from June 16, 1960, \$911.11 a month; this is in addition to his present appointment (5-27-60).
- SLICHTER, CHARLES P., Professor of Physics (C), two months from July 1, 1960, \$1,444.44 a month; this is in addition to his present appointment (5-27-60).
- SMITH, CEDRIC M., Associate Professor of Pharmacology (Medicine), two months from July 1, 1960, \$1,111.11 a month; this is in addition to his present appointment (6-25-60).
- SMITH, JAMES H., Associate Professor of Physics (C), June 16-30, 1960, and August 1-September 15, 1960, \$955.55 a month; this is in addition to his present appointment (5-27-60).
- SMITH, STANLEY G., Instructor in Organic Chemistry (Chemistry and Chemical Engineering), academic year beginning September 1, 1960, \$6,300 (6-21-60).
- SNIDER, CLYDE F., Professor of Political Science and Chairman of the Department, $\frac{3}{4}$ time, Summer Session of 1960, June 20-August 13, 1960, \$1,926 for the period, supersedes his previous Summer Session appointment (6-3-60).
- SOO, SHAO LEE, Professor of Mechanical Engineering (C), $\frac{3}{4}$ time, two months from June 16, 1960, \$1,834; this is in addition to his present appointment (5-27-60).
- SOZEN, METE AVNI, Associate Professor of Civil Engineering (C), two months from June 16, 1960, \$900 a month; this is in addition to his present appointment (5-27-60).
- SPIEGELMAN, SOL, Professor of Microbiology, two months from June 16, 1960, \$1,666.66 a month; this is in addition to his present appointment (6-17-60).
- SPURLOCK, JEANNE, Clinical Assistant Professor of Psychiatry (Medicine), $\frac{1}{4}$ time, ten months from July 1, 1960, \$208.33 a month, supersedes (7-11-60).
- STALLMEYER, JAMES E., Associate Professor of Civil Engineering (C), two months from July 1, 1960, \$1,000 a month; this is in addition to his present appointment (6-2-60).
- STANACEV, NIKOLA Z., Research Associate in Chemistry, one year from September 1, 1960, \$5,900 (6-14-60).
- STEGGERDA, FREDERIC R., Professor of Physiology, $\frac{3}{4}$ time, two months from June 16, 1960, \$916.66 a month; this is in addition to his present appointment (6-1-60).
- STEINBERG, MARVIN A., Research Assistant in the Institute for Research on Exceptional Children, June 16-July 27, 1960, \$400 a month (6-3-60).
- STEMMLER, ROSEMARIE M., Assistant Professor of Mathematics, two months from June 16, 1960, \$666.66 a month; this is in addition to her present appointment (5-25-60).
- STEWART, EDWARD B., Instructor in Oral and Maxillofacial Surgery (Dentistry), 3/10 time, one year from September 1, 1960, \$1,800 (6-25-60).
- STOLUROW, LAWRENCE M., Professor of Psychology, in the Department of Psychology and in the Institute for Research on Exceptional Children, two months from June 16, 1960, \$1,022.22 a month; this is in addition to his present appointment (7-7-60).
- STONE, J. E., Research Assistant in Geology, two months from July 1, 1960, \$400 a month (7-11-60).
- STREET, NORMAN, Professor of Petroleum Engineering (Mining and Metallurgical Engineering) (C), one month from July 16, 1960, \$1,000; this is in addition to his present appointment (7-2-60).
- SUCHMAN, J. RICHARD, Associate Professor of Education, $\frac{1}{4}$ time, June 20-August 13, 1960, \$878; this is in addition to his present appointment and to his Summer Session appointment (5-27-60).
- SUTTON, DAVID C., Research Associate in Physics (C), one year from September 1, 1960, \$7,200 (6-14-60).

- SWERDLOW, MARTIN A., Clinical Associate Professor of Pathology (Medicine), indefinite tenure from September 1, 1960, without salary (6-7-60).
- TANG, CHIEN H., Research Assistant in Electrical Engineering (S), three months from June 1, 1960, \$416.67 a month, supersedes (6-17-60).
- TAYLOR, AUBREY B., Professor of Physiology, two months from June 16, 1960, \$1,055.55 a month; this is in addition to his present appointment (6-3-60).
- TELLING, FERN, Housemother (Speech Summer Residential Program), Summer Session of 1960, June 20-August 13, 1960, \$200 for the period (6-27-60).
- TEN BRINKE, DIRK P., Visiting Lecturer in Education, June 20-August 13, 1960, \$1,500 (6-18-60).
- THORNBURN, THOMAS H., Professor of Civil Engineering (S), one month from June 16, 1960, \$1,166.67; this is in addition to his present appointment (5-27-60).
- TORCHIA, PETER, Research Assistant in the Institute for Research on Exceptional Children, June 13-August 5, 1960, \$1,000 (6-3-60).
- TOTTEN, DONALD F., Assistant in Mathematics, full time, Summer Session of 1960, June 20-August 13, 1960, \$800 for the period, supersedes his previous Summer Session appointment (7-11-60).
- TRIGGER, KENNETH J., Professor of Mechanical Engineering (C), $\frac{3}{4}$ time, two months from June 16, 1960, \$1,000 a month; this is in addition to his present appointment (5-27-60).
- TUCKER, MARIE, Research Assistant in Zoology, two months from July 1, 1960, \$400 a month (5-27-60).
- TUSHAUS, JAMES P., Assistant Dean of the College of Commerce and Business Administration, 7/10 time, and Instructor in Marketing, 3/10 time, August 1, 1960-August 31, 1961, \$9,200 a year (6-24-60).
- UTLEY, DAVID G., Assistant to the Director of the Office of Foreign Students, July 1, 1960-August 31, 1961, \$5,500 a year (6-15-60).
- VAN HOLDE, KENSAL E., Research Assistant Professor of Chemistry, two months from June 16, 1960, \$900 a month; this is in addition to his present appointment (6-8-60).
- VAN VALKENBURG, MAC E., Professor of Electrical Engineering (C), two months from June 16, 1960, \$1,666.67 a month; this is in addition to his present appointment (5-27-60).
- VAUGHAN, HERBERT E., Professor of Mathematics (Education), June 20-August 13, 1960, \$2,444.44; this is in addition to his present appointment (5-27-60).
- VELETSOS, ANESTIS S., Professor of Civil Engineering (C), two months from June 16, 1960, \$1,066.67 a month; this is in addition to his present appointment (5-27-60).
- VERDEYEN, JOSEPH T., Instructor in Electrical Engineering (C), academic year beginning September 1, 1960, \$6,400 (6-21-60).
- VERKADE, JOHN G., Research Assistant in Chemistry, two months from June 16, 1960, \$489 a month (5-25-60).
- VESTLING, CARL S., Research Professor of Chemistry, $\frac{1}{2}$ time, July 17-August 16, 1960, \$778; this is in addition to his present appointment (6-9-60).
- VOGL, HERWARD A., Research Associate in Chemistry, six months from August 1, 1960, \$575 a month (5-31-60).
- VOGL, WADE W., Assistant in the Institute of Aviation, June 20-August 13, 1960, \$450 a month (6-9-60).
- VOGT, ROBERT M., Assistant in Mathematics, Summer Session of 1960, June 20-August 13, 1960, \$800 for the period (7-11-60).
- WACHSMAN, JOSEPH T., Assistant Professor of Microbiology, two months from June 16, 1960, \$744 a month; this is in addition to his present appointment (6-8-60).
- WALKER, MARLENE S., Assistant in English, Summer Session of 1960, June 20-August 13, 1960, \$845 for the period (7-2-60).
- WARRINGTON, THOMAS, Assistant in German, full time, Summer Session of 1960, June 20-August 13, 1960, \$889 for the period, supersedes his previous Summer Session appointment (7-2-60).
- WAKE, EDWARD E., Research Associate in the Institute of Communications Research, June 20-August 13, 1960, \$1,311.10; this is in addition to his present appointment (5-25-60).
- WATKINS, PHILLIP W., Assistant in Agronomy (S), July 1-September 15, 1960, \$400 a month (7-2-60).

- WATT, JANE C., Professor of Music, Summer Session of 1960, June 20-August 13, 1960, \$2,112 for the period, supersedes his previous Summer Session appointment (7-11-60).
- WAYMAN, CLARENCE M., Assistant Professor of Metallurgical Engineering (Mining and Metallurgical Engineering) (C), two months from June 16, 1960, \$777.77 a month; this is in addition to his present appointment (6-17-60).
- WEBBER, CARL E., Research Assistant in Psychology, two months from June 16, 1960, \$400 a month (6-9-60).
- WEICHSEL, PAUL M., Instructor in Mathematics, academic year beginning September 1, 1960, \$6,750 (6-15-60).
- WEINSTEIN, SHIRLEY, Instructor in Medical Social Work (Medicine), six months from July 1, 1960, \$510 a month (7-2-60).
- WEMPNER, GERALD A., Visiting Associate Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1960, \$883 a month, supersedes (7-2-60).
- WENDT, MARTHA, Visiting Lecturer in Music, Summer Session of 1960, $\frac{1}{2}$ time, June 26-July 23, 1960, \$267 for the period (6-28-60).
- WERT, CHARLES A., Professor of Physical Metallurgy (Mining and Metallurgical Engineering) (C), two months from June 16, 1960, \$1,333.33 a month; this is in addition to his present appointment (6-17-60).
- WEST, CHARLES A., Visiting Lecturer in Chemistry, Summer Session of 1960, June 20-August 13, 1960, \$2,000 for the period (6-20-60).
- WESTWATER, JAMES W., Professor of Chemical Engineering (S), $\frac{1}{2}$ time, two months from June 16, 1960, \$528 a month; this is in addition to his present appointment and to his Summer Session appointment (6-2-60).
- WHEATLEY, JOHN C., Associate Professor of Physics (C), two months from June 16, 1960, \$1,000 a month; this is in addition to his present appointment (5-27-60).
- WHITE, ROBERT A., Instructor in Mechanical Engineering, Summer Session of 1960, $\frac{1}{2}$ time, June 20-August 13, 1960, \$578 for the period (6-13-60).
- WIGGERS, NATALIE S., Instructor in Home Economics (4-H Club Work) (E), July 1, 1960-August 31, 1961, \$6,500 a year (6-7-60).
- WILBING, LAWRENCE P., Assistant in Agronomy (S), three months from June 16, 1960, \$400 a month (6-25-60).
- WILLARD, D. DEAN, Law Library Assistant, with rank of Instructor, July 18, 1960-August 31, 1961, \$5,500 a year (6-15-60).
- WILLIAMS, THOMAS H., Research Assistant in Accountancy, June 20-August 13, 1960, \$1,023; this is in addition to his present appointment (5-31-60).
- WILSON, JOHN P., Visiting Lecturer in Anthropology, Summer Session of 1960, June 20-August 13, 1960, \$1,000 for the period (6-17-60).
- WINDLAND, MRS. NANCY F., Research Assistant in Microbiology, June 6, 1960-August 31, 1961, \$387.50 a month (6-21-60).
- WISNER, RICHARD P., Research Associate in the Coordinated Science Laboratory (C), June 16-August 31, 1960, \$6,500 a year, supersedes (6-7-60).
- WOLD, FINN, Research Assistant Professor of Chemistry, two months from June 16, 1960, \$800 a month; this is in addition to his present appointment (6-3-60).
- WOLFE, RALPH S., Associate Professor of Microbiology, two months from June 16, 1960, \$1,000 a month; this is in addition to his present appointment (6-17-60).
- WORLEY, WILL J., Associate Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1960, \$911.11 a month; this is in addition to his present appointment (6-17-60).
- WYMAN, MARVIN E., Professor of Physics and of Nuclear Engineering (C), two months from June 16, 1960, \$1,444.44 a month; this is in addition to his present appointment (6-2-60).
- XHIGNESSE, LOUIS V., Research Assistant in Psychology, two months from June 16, 1960, \$400 a month (6-9-60).
- YANCEY, THOMAS A., Research Assistant Professor of Economics, June 21-August 13, 1960, \$1,911.10 for the period; this is in addition to his present appointment (6-20-60).
- YANKWICH, PETER E., Research Professor of Chemistry, June 16-August 31, 1960, \$1,222.23 a month; this is in addition to his present appointment (6-4-60).
- YANO, NOBUMITSU, Research Assistant in Food Technology (S), three months from June 1, 1960, \$458.33 a month, supersedes (6-15-60).

- YOSHINO, UMEO, Assistant in Food Technology (S), one year from September 1, 1960, \$4,800 (6-14-60).
 YUSEM, MILTON, Research Associate in Clinical Science (Medicine), four months from May 1, 1960, \$500 a month (5-25-60).
 ZARING, WILSON M., Assistant Professor of Mathematics, June 20-August 13, 1960, \$1,666.66; this is in addition to his present appointment (5-27-60).
 ZIMMERMAN, MRS. MARIE, Counselor in the Student Counseling Service, two months from July 1, 1960, \$500 a month (6-2-60).

FELLOWS

(The following appointments were made by the President of the University.)

- PUNDT, HERMAN G., Mary C. McLellan Scholar in Art for 1960-61.
 TIMM, WAYNE A., Kate Neal Kinley Memorial Fellow for 1960-61.

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- AMIN, RAJNIKANT B., Lead Industries Fellow in Ceramic Engineering, nine months from September 16, 1960, \$2,000 (6-8-60).
 BAEK, DANIEL, Student Public Health Service Fellow in the Chicago Professional Colleges, two months from July 1, 1960, \$600 (6-17-60).
 BALABAN, MARTIN, United States Public Health Service Postdoctoral Fellow in Psychiatry (Medicine), eight months from January 1, 1960, without stipend (5-27-60).
 BECK, JAMES R., Charles Pfizer Summer Fellow in Chemistry, two months from June 16, 1960, \$400 (6-2-60).
 BENTRUDE, WESLEY G., Charles Pfizer Summer Fellow in Chemistry, two months from June 16, 1960, \$400 (6-2-60).
 BLAZEK, WILLIAM V., United States Public Health Service Fellow in Medicine (Special) (Chicago Professional Colleges), one year from July 1, 1960, without stipend (6-17-60).
 BOJANOWSKI, ROBERT J., United States Public Health Service Summer Fellow (Trainee) in Microbiology, three months from June 1, 1960, \$600 (6-20-60).
 BORDERS, DONALD B., Roger Adams Summer Fellow in Chemistry, two months from June 16, 1960, \$400 (6-2-60).
 BOYER, ALVIN C., United States Public Health Fellow (Trainee) in Chemistry, two months from June 16, 1960, \$450 (6-9-60).
 BRAKE, JON M., Charles Pfizer Summer Fellow in Chemistry, two months from June 16, 1960, \$440 (6-8-60).
 BROWN, GEORGE D., Fellow in Law, Summer Session of 1960, June 20-August 13, 1960, \$350 for the period (6-23-60).
 BURMAN, ROBERT L., General Dynamics Corporation Fellow in Physics, nine months from September 16, 1960, \$2,000 (6-3-60).
 BURNS, RICHARD O., Upjohn Company Fellow in Microbiology, one year from June 16, 1960, \$2,000 (5-23-60).
 BUSTA, FRANCIS F., Wright Fellow in Food Technology, nine months from September 16, 1960, \$1,500 (6-24-60).
 CARLSON, CHARLES G., Charles Pfizer Summer Fellow in Chemistry, two months from June 16, 1960, \$400 (6-2-60).
 CHANDRASEKHAR, GARADI R., Upjohn Company Fellow in the Chicago Professional Colleges, one year from July 1, 1960, \$3,600 (6-17-60).
 CHANG, PI-YU, United States Public Health Service Summer Fellow (Trainee) in Microbiology, three months from June 16, 1960, \$600 (6-20-60).
 DEGENFORD, JAMES A., Alfred P. Sloan Faculty Development Teaching Fellow in Electrical Engineering, nine months from September 16, 1960, \$2,400 (6-10-60).
 DEPINTO, JOHN A., JR., United States Public Health Service Summer Fellow (Trainee) in Microbiology, three months from June 16, 1960, \$600 (6-21-60).
 DEWAN, R. K., Firestone Tire and Rubber Company Fellow in Chemistry, nine months from September 16, 1960, \$1,500 (5-31-60).
 DOWNING, GEORGE L., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$4,350 (5-1-60).
 DREW, ERNEST H., Roger Adams Summer Fellow in Chemistry, two months from June 16, 1960, \$400 (6-2-60).

- ECONOMOU, PETER, United States Public Health Service Postdoctoral Fellow (Trainee) in Medicine (Chicago Professional Colleges), one year from July 1, 1960, \$4,500 (5-11-60).
- EIDLIC, LIA, United States Public Health Service Summer Fellow (Trainee) in Microbiology, three months from June 16, 1960, \$600 (6-21-60).
- ENDRES, JOSEPH G., United States Public Health Service Fellow (Trainee) in Food Technology, nine months from September 16, 1960, \$2,200 (6-28-60).
- FELDMAN, ROSS, Seymour Vestmark Fellow in the Chicago Professional Colleges, two months from July 1, 1960, \$120 (6-17-60).
- FISHER, THOMAS H., Roger Adams Fellow in Chemistry, nine months from September 16, 1960, \$1,800, supersedes (5-31-60).
- FRIEDMAN, STEPHEN B., United States Public Health Service Fellow (Trainee) in Microbiology, three months from June 16, 1960, \$600 (6-28-60).
- FRUCHTMAN, STANLEY A., United States Public Health Service Fellow (Trainee) in Allergy (Chicago Professional Colleges), ten months from September 1, 1959, \$4,500, supersedes (5-18-60).
- GARDELLA, LIBERO, University Fellow in the Chicago Professional Colleges, nine months from September 1, 1960, \$1,500 (6-17-60).
- GILBERT, DEWEY, Student Public Health Service Fellow in the Chicago Professional Colleges, two months from July 1, 1960, \$600 (6-17-60).
- GOLDIN, ELLIOT, Wallace Laboratories Medical Student Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (6-17-60).
- GRIMM, ARTHUR F., University Postdoctoral Fellow in the Chicago Professional Colleges, three months from June 1, 1960, \$750 (6-17-60).
- GROESCHEL, EDWARD C., Campbell Soup Company Fellow in Food Technology, nine months from September 16, 1960, \$2,400, supersedes (6-24-60).
- GUIRE, PATRICK E., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1960, \$450 (6-8-60).
- HAERTLING, GENE H., Lead Industries Fellow in Ceramic Engineering, nine months from September 16, 1960, \$2,000 (6-8-60).
- HALL, CHARLES A., National Lead Company Fellow in Ceramic Engineering, nine months from September 16, 1960, \$1,740 (6-8-60).
- HAYASHI, MASAKI, United States Public Health Service Summer Fellow (Trainee) in Microbiology, three months from June 16, 1960, \$600 (6-21-60).
- HERNESS, ERVIN, Alfred P. Sloan Faculty Development Fellow in Civil Engineering, nine months from September 16, 1960, \$1,800, supersedes (6-10-60).
- HSU, WEN-TAH, United States Public Health Service Summer Fellow (Trainee) in Microbiology, three months from June 16, 1960, \$600 (6-21-60).
- KEMP, EMORY L., Teaching Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1960, \$1,000, supersedes (6-15-60).
- KOHL, ELIZABETH N., Roger Adams Summer Fellow in Chemistry, two months from June 16, 1960, \$400 (6-8-60).
- LECHI, FRANCESCO, Wright Fellow in Agricultural Economics, nine months from September 16, 1960, \$1,500 (4-21-60).
- LEE, CHIN KEE, United States Public Health Service Fellow (Trainee) in Microbiology, September 1, 1960-June 15, 1961, \$1,900, supersedes (6-3-60).
- LOMBNAES, SAEMUND, Special Fellow in Law, nine months from September 16, 1960, \$1,500 (6-8-60).
- MCCLENTIC, RICHARD D., International Business Machines Fellow in Data Processing, nine months from September 16, 1960, \$2,500 (6-8-60).
- MEYEROVITZ, ROBERT, United States Public Health Service Student Fellow in Psychiatry (Chicago Professional Colleges), two months from July 1, 1960, \$600 (6-17-60).
- MICKEVICIUS, O. EUGENIJA, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), July 1-September 15, 1960, \$600 (6-17-60).
- MIZUKAMI, HIROSHI, United States Public Health Service Fellow (Trainee) in Physiology, one year from July 1, 1960, \$2,666 (6-22-60).
- MORA, FERNANDO, United States Public Health Service Summer Fellow (Trainer) in Microbiology, three months from June 16, 1960, \$600 (6-21-60).
- NIEDZIELSKI, ROBERT J., Koppers Foundation Summer Fellow in Chemistry, two months from June 16, 1960, \$600, supersedes (6-20-60).
- PAISLEY, NANCY S., United States Public Health Fellow (Trainee) in Chemistry, two months from June 16, 1960, \$450 (6-8-60).

- PEARSON, ROBERT E., Standard Oil Foundation Fellow in Chemistry, nine months from September 16, 1960, \$2,000 (6-17-60).
- PIDKOWSKI, MICHAEL, United States Public Health Service Summer Fellow (Trainee) in Microbiology, three months from June 16, 1960, \$600 (6-21-60).
- RHODES, YORKE E., JR., Koppers Foundation Summer Fellow in Chemistry, two months from June 16, 1960, \$600, supersedes (6-20-60).
- ROWE, JANET A., United States Public Health Service Summer Fellow (Trainee) in Microbiology, three months from June 16, 1960, \$600 (6-21-60).
- ROBINSTEIN, DANIEL, United States Public Health Service Fellow (Trainee) in Physiology, one year from July 1, 1960, \$2,666 (6-22-60).
- SHARP, JAMES B., JR., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, one year from June 1, 1960, \$5,200 (5-31-60).
- SIEGERT, ROBERT F., Ciba Products Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (6-17-60).
- SLAGEL, ROBERT C., Roger Adams Summer Fellow in Chemistry, two months from June 16, 1960, \$400 (6-2-60).
- SOBIESK, EMORY J., Abbott Laboratories Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (6-17-60).
- SOLOWAY, HARRY, Student Public Health Service Fellow in the Chicago Professional Colleges, two months from July 1, 1960, \$600 (6-17-60).
- SPICER, LARRY, Roger Adams Fellow in Chemistry, nine months from September 16, 1960, \$1,800, supersedes (5-31-60).
- STEVENS, JOHN K., Summer Fellow in History, two months from June 16, 1960, \$350 (4-25-60).
- SULLIVAN, DENIS G., Fellow in Political Science, August 1-September 15, 1960, \$450, supersedes (7-11-60).
- TEMPERLEY, NICHOLAS M., Postdoctoral Fellow in Music, one year from September 1, 1960, \$4,200 (6-7-60).
- TENNY, KENNETH S., United States Public Health Service Fellow (Trainee) in Food Technology, three months from June 16, 1960, \$550 (5-23-60).
- THOR, DANIEL E., Wallace Laboratories Medical Student Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, \$600 (6-17-60).
- UEBEL, JACOB J., Roger Adams Summer Fellow in Chemistry, two months from June 16, 1960, \$400 (6-2-60).
- UNDERWOOD, ERNEST E., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$4,800 (5-1-60).
- UNGER, LEON, United States Public Health Service Summer Fellow (Trainee) in Microbiology, three months from June 16, 1960, \$600 (6-21-60).
- UPPER, CHRISTEN D., Charles Pfizer Summer Fellow in Chemistry, two months from June 16, 1960, \$440 (6-23-60), and National Science Foundation Cooperative Fellow in Chemistry, one year from August 16, 1960, \$2,200, supersedes (6-23-60).
- VAICHULIS, EUGENE M., University Fellow in the Chicago Professional Colleges, nine months from September 1, 1960, \$1,500 (6-17-60).
- WEDEGAERTNER, DONALD K., Charles Pfizer Summer Fellow in Chemistry, two months from June 16, 1960, \$400 (6-2-60).
- WESTMAN, THOMAS L., Esso Research and Engineering Company Postdoctoral Fellow in Chemistry, one year from September 16, 1960, \$5,500 (5-19-60).
- WESTON, ELIZABETH, Fellow in Chemistry, nine months from September 16, 1960, \$1,650, (4-1-60).
- WILEY, WILLIAM R., United States Public Health Service Summer Fellow (Trainee) in Microbiology, three months from June 16, 1960, \$600 (6-21-60).
- WOODFIN, BEULAH M., United States Public Health Service Fellow (Trainee) in Chemistry, for two months beginning June 16, 1960, \$450 (6-8-60).
- WRIGHT, WILLIAM V., United States Public Health Service Fellow (Trainee) in Food Technology, nine months from September 16, 1960, \$2,200 (6-28-60).
- WULLER, JEROME E., Universal Match Corporation Fellow in Chemistry, nine months from September 16, 1960, \$1,800 (6-9-60).
- YANKOVSKY, SAUL A., United States Public Health Service Summer Fellow (Trainee) in Microbiology, three months from June 16, 1960, \$600 (6-21-60).
- YURKOVSKY, ABRAHAM, United States Public Health Service Fellow (Trainee) in Allergy (Chicago Professional Colleges), one year from July 1, 1960, \$6,000 (5-16-60).

ZARONE, VINCENT, JR., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), July 1-September 15, 1960, \$600 (6-17-60).

ZATMAN, LEONARD J., Postdoctoral Fellow in Chemistry, two months from July 1, 1960, \$2,000 (7-11-60).

RESIGNATIONS AND DECLINATIONS

ADAMS, MRS. RUBY, Assistant in Home Economics—resignation effective September 1, 1960.

AGUILAR, VIRGINIA, Research Assistant in Psychiatry (Medicine)—declination effective September 1, 1960.

ALLEN, RICHARD D., Fellow in Botany—resignation effective September 16, 1960.

AUBERTIN, MRS. MARY P., Assistant in Horticulture—resignation effective June 26, 1960.

BAIR, WILLARD E., Assistant Professor of Mechanical Engineering—declination effective June 16, 1960.

BERGLUND, WINIFRED, Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1960—resignation effective June 20, 1960.

BIJVOET, PAUL, Research Associate in Pharmacology (Medicine)—resignation effective July 1, 1960.

BLANCHARD, WOODROW W., Research Assistant in Microbiology—resignation effective June 16, 1960.

BOND, HARLEY W., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges)—resignation effective June 30, 1960.

BROCKRIEDE, WAYNE E., Assistant Professor of Speech—resignation effective September 1, 1960.

BROOKS, MARY C., Research Assistant in the State Water Survey—resignation effective June 16, 1960.

BUSCH, HARRIS, Professor of Pharmacology (Medicine)—resignation effective September 1, 1960.

CARLETON, PAULINE A., Assistant Law Librarian, with rank of Assistant Professor—declination effective September 1, 1960.

CASTEN, SABINE H., Instructor in Chemistry (Chicago Undergraduate Division)—resignation effective September 1, 1960.

CHURCH, MARTHA J., University Fellow in the Chicago Professional Colleges—resignation effective May 12, 1960.

COBIN, MARTIN T., Associate Professor of Speech, Summer Session of 1960—resignation effective June 20, 1960.

CORE, ALFRED C., Instructor in Physics (Pharmacy)—declination effective September 1, 1960.

DANIELSKI, DAVID J., Fellow in Political Science—resignation effective June 16, 1960.

DEPINTO, JOHN A., JR., United States Public Health Service Summer Fellow (Trainee) in Microbiology—resignation effective June 16, 1960.

DIAL, MRS. JEANNE, Research Assistant in Microbiology—resignation effective July 1, 1960.

DIERS, HERMAN H., Assistant in English—resignation effective September 16, 1960.

DIPASQUALE, RAYMOND A., Assistant Professor of Architecture—resignation effective September 1, 1960.

DONAHUE, GILBERT E., Librarian in the Institute of Labor and Industrial Relations, with rank of Assistant Professor—resignation effective September 1, 1960.

DUNLAP, HOWARD L., Catalog Assistant in the Library—resignation effective September 1, 1960.

EBERSOLE, ELLEN H., Instructor in Home Economics—resignation effective September 1, 1960.

EBNER, KURT E., Assistant in Dairy Science—resignation effective July 1, 1960.

EMRICK, ROY M., Research Associate in Physics—resignation effective July 23, 1960.

ENGLAND, RALPH W., JR., Assistant Professor of Sociology—resignation effective September 1, 1960.

- ETTER, DONALD E., Research Assistant in the State Water Survey — declination effective July 1, 1960.
- EWING, BENJAMIN B., Associate Professor of Civil Engineering, Summer Session of 1960 — resignation effective June 20, 1960.
- FELDKAMP, GERMAINE E., Resident Assistant in Allen Hall — declination effective September 1, 1960.
- FERGUSON, GEORGE B., Assistant in English — declination effective September 16, 1960.
- FISHER, JANET L., Instructor in Mathematics (Pharmacy) — declination effective September 1, 1960.
- FORREST, RALPH L., Assistant in Agricultural Economics — resignation effective July 20, 1960.
- FRUCHTMAN, STANLEY A., United States Public Health Service Fellow (Trainee) in Allergy (Chicago Professional Colleges) — resignation effective July 1, 1960.
- GARFINKEL, MARVIN, Research Associate in Physics — resignation effective July 18, 1960.
- GOTHELF, BERNARD, Research Assistant in Psychiatry (Medicine) — declination effective September 1, 1960.
- GRAFFIS, DON W., Assistant in Agronomy — resignation effective August 1, 1960.
- GREEN, PATRICIA, Instructor in Occupational Therapy (Medicine) — declination effective September 1, 1960.
- GUEVARA, PEDRO A., JR., Instructor in Full and Removable Partial Dentures (Dentistry) — resignation effective September 1, 1960.
- GUROLNICK, CAROL S., Assistant in English — resignation effective September 16, 1960.
- HALLOWELL, ROBERT E., Assistant Professor of French — resignation effective September 1, 1960.
- HALSTEAD, BETTY J., Serials Cataloger in the Library with rank of Instructor — declination effective September 1, 1960.
- HART, HOWARD R., JR., Research Associate in Physics — resignation effective June 25, 1960.
- HECKARD, LAWRENCE R., Assistant Professor of Botany — resignation effective September 1, 1960.
- HOCH, ALICE, Research Assistant in Biological Chemistry (Medicine) — resignation effective July 10, 1960.
- HOFFMAN, JARRETT D., Research Assistant in Agricultural Entomology — resignation effective July 1, 1960.
- HOGAN, DONALD J., Instructor in English, Summer Session of 1960 — declination effective June 20, 1960.
- HOPKINS, JERRY D., Assistant in English — resignation effective September 16, 1960.
- HOWE, CLIFFORD E., Assistant Professor of Education, and Assistant Professor in the Institute for Research on Exceptional Children — declination effective September 1, 1960.
- HUBBARD, MARY O., Instructor in Home Economics — resignation effective September 1, 1960.
- HUTTON, CHARLES L., JR., Assistant Professor of Speech — resignation effective September 1, 1960.
- JEFFAY, ANA I., Research Associate in Applied Materia Medica and Therapeutics (Dentistry) — resignation effective May 17, 1960.
- JONES, C. CLYDE, Assistant Dean of the College of Commerce and Business Administration and Associate Professor of Economics — resignation effective September 1, 1960.
- JONES, LOUISE G., Assistant Editor, with rank of Assistant in Agriculture — resignation effective August 31, 1960.
- KAL, EDMUND, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges) — resignation effective May 1, 1960.
- KARPLUS, MARTIN, Associate Professor of Physical Chemistry — declination effective September 1, 1960.
- KOKENES, BARBARA, Visiting Lecturer in Education, Summer Session of 1960 — resignation effective June 20, 1960.
- KOS, EDWARD S., Instructor in Microbiology (Medicine) — declination effective September 1, 1960.

- KRUMWIEDE, JOHN F., Assistant in Ceramic Engineering—resignation effective June 16, 1960.
- LAFUSE, HARRY G., Instructor in Electrical Engineering—declination effective September 1, 1960.
- LANGE, MRS. MARILYN K., Assistant in Occupational Therapy (Medicine)—resignation effective June 15, 1960.
- LEBOVITS, BINYAMIN, Research Associate in Psychiatry (Medicine)—declination effective September 1, 1960.
- LEHMANN, WILMA H., Fellow in Zoology—resignation effective September 16, 1960.
- LI, HSIN L., Research Assistant Professor of Mechanical Engineering—resignation effective September 1, 1960.
- LIGHT, MARTIN, Assistant in English—declination effective September 16, 1960.
- LIPE, DALE M., Assistant Professor of Full and Removable Partial Dentures (Dentistry)—declination effective September 1, 1960.
- LONGENECKER, HERBERT E., Vice-President in charge of the Chicago Professional Colleges—resignation effective July 1, 1960.
- LOWE, CAROL H., Assistant in Animal Science—declination effective September 1, 1960.
- MACGREGOR, JAMES G., Research Associate in Civil Engineering—resignation effective August 1, 1960.
- MARTIN, GERALDINE A., Assistant in Pharmacy (Pharmacy)—declination effective September 16, 1960.
- MCDERMOTT, MARK N., Research Associate in Physics—resignation effective August 1, 1960.
- MCDIARMID, COLIN G., Research Assistant in Psychology—declination effective June 16, 1960.
- MCINTYRE, LUCY MAY S., Resident Assistant in Allen Hall—declination effective September 1, 1960.
- MEDLEY, KEITH, Assistant Professor of Anesthesiology (Medicine)—declination effective September 1, 1960.
- MITCHELL, GRAHAM S., Assistant in English, Summer Session of 1960—declination effective June 20, 1960, and for the academic year beginning September 1, 1960—resignation effective September 16, 1960.
- MURDOCK, JOHN W., Instructor in Theoretical and Applied Mechanics—declination effective September 1, 1960.
- NOVICK, ROBERT, Associate Professor of Physics—resignation effective September 1, 1960.
- OEBKER, NORMAN F., Associate Professor of Horticulture—resignation effective August 1, 1960.
- POTTLE, CHRISTOPHER, Instructor in Electrical Engineering—declination effective September 1, 1960.
- PREBLE, HARRY E., Assistant in English—resignation effective September 16, 1960.
- RAY, GORDON N., Vice-President and Provost, Professor of English, and Coordinator of the Armed Forces—resignation effective August 1, 1960.
- REYNOLDS, SABRON L., Assistant Reference Librarian, with rank of Instructor—declination effective September 1, 1960.
- RHEE, YOUNGHEE, Special Fellow in Social Work—resignation effective June 1, 1960.
- SALEMI, EMANUEL C., Assistant Professor of Management—resignation effective September 1, 1960.
- SCHOLTENS, ROBERT G., United States Public Health Service Postdoctoral Fellow (Trainee) in Veterinary Medical Sciences—resignation effective June 16, 1960.
- SCHWEMM, MRS. BARBARA, Research Assistant in Chemistry—resignation effective August 1, 1960.
- SEAMAN, RICHARD, Counselor in the Student Counseling Service—declination effective June 15, 1960.
- SHOEMAKER, DONALD J., Assistant Professor of Psychology—declination effective September 1, 1960.
- STAFFORD, ROGER A., National Science Foundation Cooperative Fellow in Mathematics—resignation effective June 16, 1960.
- STAUBUS, JOHN R., Research Associate in Dairy Science—resignation effective August 9, 1960.

- TAKEDA, SUSUMU, Visiting Research Assistant Professor of Electrical Engineering — resignation effective August 9, 1960.
- TERZAGHI, KARL, Lecturer and Consultant in Civil Engineering — declination effective September 1, 1960.
- TIRITILLI, ERNEST C., Physician in the Health Service (Chicago Professional Colleges) — declination effective September 1, 1960.
- TROY, ALAN, Assistant in Mathematics, Summer Session of 1960 — declination effective June 20, 1960.
- UNRUH, WILLIS O., Research Associate in the Coordinated Science Laboratory — resignation effective July 7, 1960.
- VAN DYKE, RUSSELL A., Assistant in Animal Science — resignation effective June 16, 1960.
- WINGFIELD, MERVYN W., Instructor in Accountancy — declination effective September 1, 1960.
- WINSLOW, ALAN G., Instructor in Landscape Architecture — resignation effective September 1, 1960.
- ZEWADSKI, ROBERT M., Instructor in Business English — resignation effective September 1, 1960.

LEAVES OF ABSENCE

- FINLAY, GILBERT C., Professor of Education, Assistant Dean of the College of Education, and Head of Counseling Services on the University Council on Teacher Education — continuation of leave of absence on 80 per cent time, without pay, for one year from June 16, 1960, so that he may continue his work with the Physical Science Study Committee Program.
- FRITZ, THOMAS E., Instructor in Veterinary Pathology and Hygiene, in the College of Veterinary Medicine — leave of absence, without pay, from August 4 and continuing through September 16, 1960.
- GARWIN, EDWARD L., Research Assistant Professor of Physics, in the College of Engineering — leave of absence, without pay, from June 16 and continuing through August 31, 1960.
- GUPTA, OM PRAKASH, Assistant Professor of Applied Materia Medica and Therapeutics, in the College of Dentistry — extension of leave of absence, without pay, for three months from June 1, 1960.
- HARTLEY, MILES C., Associate Professor of Mathematics, in the Chicago Undergraduate Division — leave of absence, without pay, for one year from September 1, 1960.
- HIXTON, ROYCE A., Research Associate in Farm Management (Agricultural Economics), in the Agricultural Experiment Station — leave of absence, without pay, for two months from July 1, 1960.
- HODGINS, FRANCIS E., JR., Assistant Professor of English — leave of absence, without pay, for one year from September 1, 1960, so that he may serve as a visiting professor at the University of Connecticut during that period.
- HOLSHOUSE, DON F., Associate Professor of Electrical Engineering, in the Engineering Experiment Station — leave of absence, without pay, beginning July 15 and continuing through August 31, 1960.
- HUNT, PATRICIA A., Research Assistant in the Coordinated Science Laboratory, in the College of Engineering — leave of absence, without pay, for one month from July 1, 1960.
- MARWAH, AMARJIT S., Instructor in Oral Pathology, in the College of Dentistry — extension leave of absence, without pay, from May 1 and continuing through August 31, 1960.
- MCGLOTHLIN, MARGARET, Assistant Editor in the Agricultural Experiment Station, with rank of Instructor — leave of absence, without pay, for one month from May 1, 1960.
- MOSBORG, ROBERT J., Associate Professor of Civil Engineering, in the College of Engineering — leave of absence, without pay, for one year from September 1, 1960.
- PAPPADEMOS, JOHN N., Assistant Professor of Physics, in the Chicago Undergraduate Division — leave of absence, without pay, for six months from September 1, 1960.
- WIESINGER, FRED P., Assistant Professor of Civil Engineering, in the Chicago Undergraduate Division — leave of absence, without pay, for one year from September 1, 1960.

CHANGE IN SABBATICAL LEAVE OF ABSENCE

GREENBERG, BERNARD, Assistant Professor of Zoology, in the College of Pharmacy — sabbatical leave of absence changed from the academic year 1960-61 on one-half pay to leave of absence on full pay for the first semester and leave without pay during the second semester.

COMMUNICATION FROM MEMBERS OF THE FACULTY

President Williamson stated that an open letter dated July 15, 1960, to the Board of Trustees from a number of the members of the University faculty concerning the University's action in the case of Assistant Professor Leo F. Koch was released by some of its signers for publication on July 17, 1960.

The signers of the open letter did not follow University statutory procedure for faculty deliberation and communication. Nevertheless, on recommendation of the President of the University that the Board of Trustees take note of the communication and give it consideration, the Chair suggested that the letter be referred to the Committee on General Policy for study and report.

By unanimous consent the letter was so referred with the request that the Committee report on the matter at the September meeting of the Board.

A copy of the open letter has been filed with the Secretary of the Board for record.

ANNUAL MEETING OF ASSOCIATION OF GOVERNING BOARDS

President Williamson announced that Mrs. Frances B. Watkins has been named a Regional Director of the Association of Governing Boards of State Universities and Allied Institutions and will attend a meeting of the Regional Directors in Minneapolis July 30. The annual meeting of the Association will be held in Seattle, Washington, October 19-22 and Mrs. Watkins will represent the Board at this meeting.

FUTURE BOARD MEETINGS

On motion of Mr. Harewood, the Board voted not to hold a regular meeting in August.

The regular September meeting will be held in Urbana on Wednesday, September 21, 1960, at an hour and place to be designated by the President and Secretary of the Board.

MEETINGS OF BOARD COMMITTEES

Meetings of the Committees on General Policy and Buildings and Grounds were held today beginning at 1:30 p.m.

EXECUTIVE SESSION

At this point, an Executive Session was requested and ordered for the consideration of the following matters of business.

PURCHASE OF PROPERTY ON GREEN STREET

(1) Construction of the second unit of the residence hall for graduate students on Green Street in Urbana requires acquisition of additional land adjoining the site to provide an area for parking and a service drive from Gregory Place, a side street. This land is part of a large area at the northwest corner of Green Street and Gregory Place on which there is a service station.

The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of approximately 5,090 square feet of land in this area from Mr. C. C. Brown of Urbana, owner of the land and operator of the station.

at a price of \$6,800, or \$1.34 per square foot. This is a negotiated price based on appraisals and is in line with the price policy authorized by the Committee on Buildings and Grounds in negotiations for land acquisition.

Funds will be available in either the state capital appropriations to the University for 1959-61 or in the construction account for the residence hall for graduate students.

I concur.

On motion of Mr. Harewood, the purchase of this property was authorized, as recommended, by the following vote: Aye, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Herrick, Mr. Stratton; Mr. Hughes was present during most of the meeting but was absent when this matter was considered and the vote taken.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(2) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendations relating to inventions by members of the staff.

1. Modification of Rainville test of bone-conduction hearing—Charles Lightfoot, Associate Professor of Otolaryngology, inventor. This invention is a procedure for the testing of bone-conduction hearing. The test consists of determining the lowest level of bone-conduction noise which interferes with the hearing by the ear under test of an air conducted signal and comparing that level with the level of bone-conduction noise which has the same interfering effect on a normal ear.

The invention was referred to the University of Illinois Foundation for investigation and the Foundation has reported that there is little likelihood of commercial possibilities. Accordingly, the Committee on Patents recommends release to the inventor.

2. Cage for solitary housing of large numbers of mice—Dr. Walter S. Moos, Associate Professor of Radiology; Dr. J. B. Fuller, Associate Professor of Pathology; and Dr. J. C. Plagge, Professor of Anatomy, all of the College of Medicine, inventors. Most biological experiments and studies involving mice require observations on large numbers of these animals. Some of these experiments are made difficult due to many mice being in one cage, and the inventors have designed and tested the subject cage.

It is the best judgment of the heads of the department and all other University officials concerned that this equipment will have such highly specialized and such limited use that it would have no commercial possibilities. Accordingly, the Patent Committee has recommended release of the invention to the inventors.

Distribution of Net Income of Patentable Inventions

The University of Illinois Foundation reports that its work on the following inventions by University staff members turned over to it has developed to the point that patent applications are pending and in some cases patents have been issued. The Foundation will proceed to negotiate with prospective licensees as patents are issued, but before doing so the Foundation requests instructions on distribution of the royalties. The Committee on Patents recommends that 15 per cent of the net proceeds of any royalties received on these inventions be paid to the inventors, and that in those cases where there are two or more inventors it be left to them how they will divide the 15 per cent:

- Planar logarithmically periodic antenna structures—R. H. DuHammel, inventor
- Non-planar logarithmically periodic antenna structures—D. E. Isbell, inventor
- Unidirectional equiangular spiral antenna—J. D. Dyson, inventor
- Log periodic dipole arrays—D. E. Isbell, inventor
- New circularly polarized omnidirectional antenna—P. E. Mayes and J. D. Dyson, inventors
- Log-periodic resonant-V arrays—P. E. Mayes and R. L. Carrel, inventors
- All-channel TV and FM receiving antenna—R. L. Carrel and P. E. Mayes, inventors
- Semen diluent and processing method—N. L. VanDemark, A. D. Sharma, and G. W. Salisbury, inventors

Device for abridging sound — Grant Fairbanks, W. L. Everitt, and Robert Jaeger,
inventors

I concur in these recommendations.

On motion of Mr. Johnston, these recommendations were approved.

On motion of Mr. Swain, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

APPENDIX

RECOMMENDATIONS OF THE UNIVERSITY BUILDING PROGRAM
COMMITTEE FOR THE 1961-63 BIENNIUM

(Approved by the Board of Trustees July 26, 1960, page 26)

INTRODUCTION

The basic planning philosophy of the University is simple and comprehensive. It rests upon the premise that the University of Illinois is an agency of the people of the state and that it is devoted to a threefold purpose: (1) the education and training of youth; (2) the research designed to add to the store of knowledge in all the fundamental fields of learning; and (3) to render those services for which it is particularly suited to various segments of the state's life such as agriculture, industry, health sciences, commerce, and government; all this to the ultimate end that the University shall contribute to the civic health and economic prosperity and to the enrichment of the lives of its citizens.

THE TEN-YEAR DEVELOPMENT PLAN OF THE UNIVERSITY

Early in 1958, the University was asked for a summary of the building needs for the next ten years in preparation for the proposed 1958 Bond Issue which was voted upon November of that year. In fulfilling this request, a procedure was used which involved the staff throughout the University as well as consultants.

The ten-year plan, explained in the recommendations of the Building Program Committee for the 1959-61 biennium, is not inflexible. It was developed with the knowledge that with changing circumstances, revisions would be required in the future. The changes which have come about in the last two years have indicated that the ten-year development plan is a necessity in the growth of the University if it is to continue to meet its obligations.

Certain assumptions were made in arriving at the figures which were used in the Ten-Year Building Program.

For example, the amount recommended for the Chicago Undergraduate Division provides only for the continuation of the present program on a permanent site. The nature and the time table for expansion to a four-year program have not yet been determined. In fact, a four-year program is yet to be approved by the State. Other changes in programs or shifts in enrollments to courses requiring laboratory facilities would also increase these estimates of cost.

It is further assumed that the people of Illinois will want the University to continue its research and extension work and to find new ways to improve agriculture, to build better roads and bridges, to improve business practices, to build better and more economical homes, and to make this knowledge available through publications, lectures, conferences, and short courses both on and off the campus.

The resulting ten-year development plan, spread over the five biennia 1959-69 at Urbana-Champaign and the Chicago Professional Colleges and for the two biennia 1959-63 for the Chicago Undergraduate Division, called for total expenditures as follows:

Chicago Professional Colleges.....	\$ 32 500 000
Chicago Undergraduate Division (to provide permanent quarters for the present program with capacity for expansion of enrollment to 5,000).....	50 000 000
Urbana-Champaign.....	116 000 000
Total.....	\$198 500 000 ¹

The original ten-year development plan (based on the backlog of building needs and anticipated enrollment increases) called for the expenditure of funds as illustrated in Table I. The University has received but a small portion of the \$14,190,000 appropriated in 1959. While some additional funds will be released, it is obvious that the amounts will be insufficient to make substantial progress in completing the projects provided for by the limited appropriation for this biennium. Consequently, the University has been impaired in terms of its ability to take enrollment increases, as planned, to continue and expand research functions and to render services to the people for which it is particularly suited.

All of this means that if the University is to take the enrollment increases

¹ This does not include residence halls which are self-liquidating over their useful life nor other projects to be financed outside of State appropriations.

and if it is to continue and expand research functions and provide services throughout the State, the figures presented were realistic measures of the need. They represented the best estimate of cost that could be given for the kind of program that the people of Illinois have shown they want and expect from their University.

Table I. Tentative Summary of the 1959-69 Building Program

(All amounts are in millions of dollars based on July 1, 1959, estimate of cost)

	<i>Period</i>	<i>Urbana-Champaign</i>	<i>Chicago Under-graduate Division</i>	<i>Chicago Professional Colleges</i>	<i>Total</i>
Two-Year Program	1959-61	38.1	10.0	6.7	54.8
	1961-63	24.5	35.0	8.9	68.4
Four-Year Program	1959-63	(62.6)	(45.0)	(15.6)	(123.2)
	1963-65	20.0	5.0	6.9	31.9
	1965-67	17.4	1	5.5	22.9
	1967-69	16.0	1	4.5	20.5
Ten-Year Program	<i>Total</i>	116.0	50.0	32.5	198.5

Anticipated Enrollment Increases

That an unprecedented number of students will want to enroll in our colleges and universities within the next ten to fifteen years hardly needs demonstration at this date. The accelerated building of public schools (lower grades) to take care of our present school age population is everyday evidence of what is to come at the University level. The report of the President's Committee on Education Beyond the High School finds that enrollments will double. The Illinois Commission of Higher Education made a detailed study of the outlook for Illinois and arrived at the same conclusion.

The present highest enrollment in all time at the University of Illinois is indicative of the trend of greater enrollments all over the State and the nation. This is further emphasized by the fact that this record enrollment comes from the numerically lowest college-age group in the past twenty-five years. The enrolled students represent children born during the period when marriages and birth rates reached their lowest point.

The reason for the current record level of college enrollments in spite of the small total number from which the students are drawn is that the proportion of college-age youths who go to college has been climbing rapidly. When this increased ratio of actual to potential enrollments is applied to the college-age population for the decade 1960-70, it is very plain that we must plan for approximately twice as many college students in 1970 as in 1958.

However, it is imperative that construction and planning proceed as rapidly as possible, inasmuch as studies based on increased marriages, births, school grades in the public schools of Illinois, and students going to higher educational institutions indicate that the expected increase of students between 1959-60 will be the largest addition ever made in Urbana in one year. For subsequent years through 1962, two additional increases are expected although not as substantial as the 1959-60 increase.

In 1963 or 1964, the best estimate available to date indicates another substantial increase somewhat comparable to and possibly exceeding the record level expected in 1960. It is during this period that we may expect the results of the large jump in the births for the State that happened between 1945 and 1946.

This trend of greater and greater enrollments, in the face of approaching limits of utilization of space and the ability to take more students, again points out the need to provide funds immediately for the construction and planning of new buildings.

Building Needs of the University

Although the University of Illinois has a large and imposing campus, it now has serious space deficiencies.

The University, with its ever increasing numbers of students and expanding staff to teach these students, has been accumulating a building backlog over the

¹ Additional funds will be required when the enrollment exceeds 6,000 students, some of whom may be juniors and seniors.

last twenty-five years; first, during the depression when there just weren't any funds available no matter how great the need; then, during World War II when no construction could be undertaken because of material and manpower priorities; and finally, in the post-war period when the State began a valiant attempt to make up past deficiencies, but the higher enrollments of veterans and the higher proportion of college-minded youth than ever before increased the demands.

Evidences of this increasing need appear repeatedly in the biennial summaries and requests of the University's building committee as submitted to successive sessions of the legislature. In these reports are studies of building usage, building costs, relations of areas to students, to staff, to kinds of courses, and to all the other factors that enter into the problem of how much space is needed for a given number of students engaged in a given educational program.

There would be little point in reproducing here the details of these reports, but a summary of the building requests and amounts actually received over a period of years is enlightening. From 1951 to the present, these are the results:

In 1951 the University requested \$39,580,000; it received \$6,875,000
 In 1953 the University requested \$35,979,000; it received \$8,096,000
 In 1955 the University requested \$37,185,000; it received \$8,855,000
 In 1957 the University requested \$35,674,000; it received \$14,275,000
 In 1959 the University requested \$54,879,000; it received \$14,190,000¹

The story was much the same during the war years and the depression. The last comprehensive building program took place at the University more than a quarter of a century ago. In the 1920's the University of Illinois did get its building supply into adequate relationship to its then current enrollment.

The recommended 1961-63 capital budget follows with the planning assumptions upon which the program for each of the campuses has been developed.

It should be noted that the recommendations of Table III are based on the assumption that the funds listed in Table II, which were appropriated in 1959, will be received. For example, remodeling funds listed on Items 4 and 7 of Table III are in addition to remodeling Item 8 of Table II.

**Table II. Funds Appropriated in 1959 But Not Released
 Reappropriation Is the Highest Priority²**

(Analyses of these projects were included in the 1959-61 recommendations)

1. Power Plant Addition.....	\$ 4 045 000
2. Utilities Distribution System.....	2 355 000
3. To Supplement Outside Grants:	
a. Labor Relations Building.....	350 000
b. Health Research Facilities.....	835 000
4. Land—Chicago Undergraduate Division.....	925 000
a. Planning and Improvement at Chicago Undergraduate Division.....	1 533 000
5. Land—Urbana.....	431 000
6. Completion of:	
a. First Stage of Physics Building.....	280 000
b. First Stage of Fine and Applied Arts Building.....	250 000
c. First Stage of Medical Research Laboratory at Chicago Professional Colleges	410 000
7. Plans and Specifications.....	500 000
8. Remodeling (including protection of life and property).....	1 625 000
9. Public Improvement Projects.....	440 000
Total Funds Not Released.....	(13 979 000)³

Funds Released to Date

1. Planning and Improvements at Chicago Undergraduate Division.....	42 000
2. Land—Urbana.....	19 000

¹ Although \$14,190,000 was appropriated, only a small fraction of this has been released to date due to a "freeze" of funds.

² Orderly long-range development depends upon doing certain things before others. The University's program requires that all items on this schedule be performed prior to the next step proposed in Table III.

³ Estimate of additional funds required to finance increased costs due to the delay of construction is approximately \$213,300.

3. Remodeling (including protection of life and property).....	\$ 150 000
<i>Total Funds Released to June 13, 1960.....</i>	<i>(211 000)¹</i>
<i>Total Funds Appropriated in 1959.....</i>	<i>\$14 190 000</i>

**Table III. Schedule of Recommended Capital Projects
for the 1961-63 Biennium**

(In addition to the reappropriations of Table II)

Building Projects

1. Education Building	\$ 3 455 000
2. Commerce Building	3 200 000
3. Physics Building—Second Stage.....	3 140 000
4. Remodeling, Rehabilitation, and Minor Additions— Urbana-Champaign (Schedule A).....	800 000
5. Library—Seventh Addition	1 435 000
6. Medical Sciences Addition (Chicago Professional Colleges)....	3 640 000
7. Remodeling, Rehabilitation, and Minor Additions— Chicago Professional Colleges (Schedule B).....	2 213 000
8. Physical Plant Service Building—Urbana.....	2 120 000
9. Electrical Engineering Building Addition.....	1 300 000
10. Plant Sciences—Agronomy	3 700 000
11. Additions for Offices and Instructional Space.....	2 775 000
12. University Press Addition—Print Shop Unit.....	655 000
13. Central Receiving Station.....	775 000
14. Relocation of South Garage and Motor Pool.....	600 000
	(29 808 000)

Utilities Distribution and Power Plant (Schedule C)

Urbana-Champaign.....	4 630 000
Chicago Professional Colleges.....	300 000
	(4 930 000)

Land and Planning

Land Acquisition (Schedule D)	
Urbana-Champaign.....	2 930 000
Chicago Professional Colleges.....	(865 000) ²
Plans and Specifications (Schedule E)	
Urbana-Champaign.....	1 785 000
Chicago Professional Colleges.....	675 000
	(5 390 000)

Protection of Life and Property, and Campus-Public Improvements

Life and Property	
Urbana-Champaign (Schedule F).....	333 000
Chicago Professional Colleges (Schedule G).....	575 000
Campus-Public Improvements	
Urbana-Champaign (Schedule H).....	1 552 000
Chicago Professional Colleges (Schedule I).....	110 000
	(2 570 000)

Funds to Supplement Outside Grants (Schedule J)

Urbana-Champaign.....	1 200 000
Chicago Professional Colleges.....	300 000
	(1 500 000)

Chicago Undergraduate Division (see Planning Assumptions)

Land acquisition and site development, architectural and engineering costs and building construction required to relocate the present two-year program	42 500 000 ³
<i>Total, Table III.....</i>	<i>\$86 698 000</i>

¹ Additional funds are in the process of being released.

² To be purchased by the Medical Center Commission.

³ Subject to revision upon final selection of site.

Summary by Campus (excluding reappropriations)

Urbana-Champaign.....	\$36 385 000
Chicago Professional Colleges.....	7 813 000
Chicago Undergraduate Division.....	42 500 000
<i>Total, Table II.....</i>	<i>\$86 698 000</i>

Schedule A — 1961-63 Biennium*Remodeling, Rehabilitation, and Minor Additions — Urbana-Champaign*

Appropriation request \$800,000.

Improvement and rehabilitation of existing buildings are urgently needed. Changes in existing space and minor additions and structures are required to accommodate the changes in programs. The following, while not listed in any order or priority, are examples of such needs:

Remodeling, Rehabilitation, and Minor Additions

Library, air conditioning of main reading rooms
 Agriculture Engineering Building, remodeling
 Arcade Building, remodeling for University Extension
 Architecture Building, remodeling of space vacated by the Department of Art
 Chemistry Annex, replacement of ducts in the ventilation system
 Civil Engineering Hall, remodeling
 College of Veterinary Medicine, completion of secure isolation unit
 Electrical Engineering Annex, remodeling for Biophysical Laboratory
 English Building, remodeling basement for Physical Education for Women
 Harker Hall, remodeling of space to be vacated by the Department of Entomology
 Lincoln Avenue Dairy Barns, remodeling and addition
 Natural History Building, remodeling for College of Liberal Arts and Sciences
 New drying and threshing facilities for corn and small grain
 Remodeling additional off-campus space for increased enrollment
 Talbot Laboratory, addition for Department of Theoretical and Applied Mechanics
 Veterinary Medicine Research Annex, completion
 WILL Transmitter, addition to existing facilities at Robert Allerton Park

Minor Structures

Home Management and Diet Research Houses for the Department of Home Economics
 Small Homes Council Offices and Shops
 University Press Book Warehouse

Total Requested 1961-63 Biennium \$800,000

Schedule B — 1961-63 Biennium*Remodeling, Rehabilitation, and Minor Additions — Chicago Professional Colleges*

Appropriation request \$2,213,000.

The remodeling proposed for this biennium partly is in addition to that provided for in Table II and is the necessary next step in the planned program of the colleges. The following, while not listed in any order or priority, are examples of such needs:

Remodeling, Rehabilitation, and Minor Additions

1. Administration remodeling (Phase II)
2. East Dentistry-Medicine-Pharmacy Building, air conditioning (Phase II)
3. East Dentistry-Medicine-Pharmacy Building, completion of laboratories
4. Department of Biological Chemistry, completion of teaching laboratories
5. Old general hospital, elevator rehabilitation
6. Hospital tube system, extension
7. Old Dentistry-Medicine-Pharmacy Building, improvement of mechanical services
8. College of Dentistry, miscellaneous remodeling
9. Research and Educational Hospitals, provision of surgical facilities on the fourth floor
10. Department of Radiology, provision of an X-ray viewing and storage room
11. Biochemistry laboratories, rehabilitation (some matching funds are available for this project)

12. Miscellaneous neuropsychiatric facilities, rehabilitation to improve patient care areas
13. Remodeling the space vacated by the Animal Hospital
14. Old Dentistry-Medicine-Pharmacy Building, remodeling and rehabilitation of classrooms
15. Department of Dermatology, remodeling
16. Dietary Kitchen, remodeling and rehabilitation
17. East Dentistry-Medicine-Pharmacy Building, remodeling basement locker room
18. Locker rooms and medical records filing area in the basement of the east wing, remodeling
19. Orthopaedic Building, remodeling the second and fourth floors for offices and laboratories
20. Orthopaedic Building, remodeling the basement, second and third floors
21. Space for a radioisotopes receiving station recommended by the radioisotopes safety committee

Minor Structures

Drug and Horticultural Station, construction of facilities

Schedule C — 1961-63 Biennium

Utility Distribution and Power Plant — Urbana-Champaign and Chicago Professional Colleges

Appropriation request \$4,930,000.

Steam demands from existing facilities on the campus are now in excess of the firm capacity of the plant. In the event of severe weather conditions, it will probably be necessary to reduce temperatures in buildings and perhaps to curtail the use of steam in certain areas entirely. The electric demands from existing facilities and buildings now under construction will also exceed the firm capacity of the power plant by about January, 1961. Although funds were provided in the 1959-61 biennium to offset this difficulty, they have not yet been released and the University is making plans for the purchase of power until additional generating equipment can be installed. The additional buildings recommended for construction during 1961-63 will require additional capacity of the power plant and major extensions of the utility distribution system.

At the Chicago Professional Colleges, increased electrical capacity must be provided for the old Dentistry-Medicine-Pharmacy Building. Also included is the replacement of telephone cables which cost will be amortized in approximately three and one-half years.

The appropriation requested will provide for:

1. Power Plant Addition	
a. Boiler plant — 300,000 lbs/hr.....	\$ 4 000 000
b. Electrical plant — 7500 KW.....	2 100 000
2. Extension of the utilities distribution system.....	4 930 000
3. Extension of electrical distribution system and replacement of telephone cable (Chicago Professional Colleges).....	300 000
Total.....	\$11 330 000
Less funds to be included in 1959-61 appropriation schedule to be reappropriated.....	6 400 000
Total Requested 1961-63 Biennium.....	\$ 4 930 000

Schedule D — 1961-63 Biennium

Land Acquisition — Urbana-Champaign

Appropriation request \$2,930,000.

The construction of a major building requires approximately two years to complete. However, it is necessary to acquire the land which will serve as a site prior to the biennium in which the construction is to be started. Additional land is required for buildings, both academic and housing, for parking, and to replace land to be released by the College of Agriculture when it is required by Campus expansion.

In addition to the need to provide funds for the purchase of land for sites of buildings to be constructed in 1963-65, some funds should also be available when certain parcels of land are offered for sale. Purchases made at such times result in lower acquisition costs and make possible interim use by the University.

Land Acquisition—Chicago Professional Colleges

To be financed by the Medical Center Commission (\$865,000).

In planning for the enlargement of the University's facilities for the conduct of its educational and patient care programs in recognition of the increasing number of students and the enlarged programs of research being conducted in the Professional Colleges, the University has worked closely with the Medical Center Commission to determine that land which the University will need in 1961-63.

Schedule E—1961-63 Biennium*Campus Planning and Building Studies—Urbana-Champaign and Chicago Professional Colleges*

Appropriation request \$2,460,000.

The University has recognized the value of allowing adequate time for a thorough study and analysis of departmental requests for space and for the preparation of building studies and designs. As mentioned earlier in this report, the buildings recommended for construction during this biennium are limited to those for which the University has the ability to prepare plans and specifications, take bids, and complete the construction of the building in one biennium. This points out the extreme necessity to have funds appropriated for building studies and plans and specifications in the biennium prior to that in which construction is to be started (i.e. funds appropriated in 1961-63 for building studies would be expended on building projects to be constructed in 1963-65). This procedure will eliminate the need for reappropriating funds and allow more effective planning and designing of future University buildings.

The appropriation requested will provide planning funds for the twenty-five projects listed below:

<i>Planning for</i>	<i>Urbana</i>	<i>Chicago Professional Colleges</i>	<i>Total</i>
(Listed Alphabetically)			
1. Aeronautical Engineering Building — First Stage.....	\$ 125 000	.....	\$125 000
2. Agronomy Unit — Second Stage.....	120 000	.....	120 000
3. Biology Building — Second Stage.....	180 000	.....	180 000
4. Campus Planning.....	70 000	\$ 30 000	100 000
5. Civil Engineering Building — First Stage.....	180 000	.....	180 000
6. Commerce Building — Second Stage..	84 000	.....	84 000
7. East Chemistry Building — Addition..	180 000	.....	180 000
8. East Dentistry-Medicine-Pharmacy Building — Addition (Chicago Professional Colleges).....	.....	120 000	120 000
9. Education Building — Second Stage..	31 500	.....	31 500
10. Electrical Engineering Building — Addition.....	90 000	.....	90 000
11. Fine and Applied Arts Building — Second Stage.....	35 500	.....	35 500
12. Fine and Applied Arts Building — Third Stage.....	38 000	.....	38 000
13. Hospitals — Addition (Chicago Professional Colleges).....	.....	180 000	180 000
14. Library — Eighth Addition.....	71 000	.....	71 000
15. Library — Ninth Addition.....	60 000	.....	60 000
16. Medical Sciences Addition — Second Stage (Chicago Professional Colleges).....	.....	125 000	125 000
17. Natatorium for Physical Education...	80 000	.....	80 000
18. Physical Plant Service Building (Chicago Professional Colleges).....	.....	40 000	40 000
19. Preliminary Studies on Projects Seeking Outside Financing.....	20 000 ¹	.....	20 000 ¹

¹ To prepare studies to be used in seeking funds from foundations and other sources to finance construction of certain projects.

	<i>Urbana</i>	<i>Chicago Professional Colleges</i>	<i>Total</i>
20. Remodeling, Rehabilitation, and Minor Additions (Chicago Professional Colleges).....		\$180 000	\$ 180 000
21. Smith Music Hall — Addition.....	\$ 86 000	.....	86 000
22. Undergraduate Library — Preliminary Studies.....	.....	.....	.....
23. Veterinary Medicine — Completion of Large and Small Animal Clinic.....	180 000	.....	180 000
24. Veterinary Medicine Building — Addition.....	27 000	.....	27 000
25. Women's Gymnasium — Addition.....	127 000	.....	127 000
<i>Total</i>	<i>\$1 785 000¹</i>	<i>\$675 000</i>	<i>\$2 460 000¹</i>

Schedule F — 1961-63 Biennium*Protection of Life and Property — Urbana-Champaign²*

Appropriation request \$333,000.

- Improvement of Swimming Pools (to comply with the recommendations of the State Department of Public Health)
 - Huff Gymnasium..... \$ 22 000
 - For Women's Physical Education..... 17 000
 - Men's Old Gymnasium..... 103 000
- Burrill Avenue Bridge — widening and realignment to reduce hazards to vehicular traffic..... 61 000
- Replacement of 750 GPM Triple Combination fire truck..... 25 000
- Replacement of obsolete elevators in
 - Library (east)..... 55 000
 - Mumford Hall..... 50 000

Total..... \$333 000**Schedule G — 1961-63 Biennium***Protection of Life and Property — Chicago Professional Colleges²*

Appropriation request \$575,000.

The program developed by the Chicago Professional Colleges Campus Planning Committee includes:

Fire and safety improvements in the Hospital

Corrections of electrical deficiencies (second phase)

Provision of emergency electrical service to critical areas of the Hospitals

Schedule H — 1961-63 Biennium*Campus-Public Improvement Projects — Urbana-Champaign*

Appropriation request \$1,552,000.

For many years the University has followed the policy of contributing its proportionate share of the costs of duly approved public and street improvement projects sponsored by local public agencies when such improvements adjoin University properties and/or from which the University received benefits.

In addition, the University recommends the provision of funds for other additional projects urgently required.

The following list of projects are those recommended for the 1961-63 biennium:

- Upper Embarrass River drainage district (Clark, Daily, and Dietz Report)..... \$ 92 000
- Southeast campus storm sewer (1961-63 share of costs committed in 1959-61)..... 75 000
- Urbana-Champaign Sanitary District storm sewer improvement (1961-63 share of costs committed in 1959-61)..... 69 000
- Green Street widening and resurfacing (1961-63 share of costs committed in 1959-61)..... 105 000

¹ This total does not include an estimate for the Undergraduate Library Preliminary Studies.

² In addition to funds included under reappropriation.

5. First Street improvement from Florida Avenue to 650 feet South of St. Mary's Road.....	\$ 186 000
6. Fourth Street improvement from Florida Avenue to St. Mary's Road.....	121 000
7. St. Mary's Road improvement from the Illinois Central Railroad to Fourth Street.....	280 000
8. Sixth Street improvement from Gregory Drive to Pennsylvania Avenue.....	124 000
9. Campus Development Projects.....	500 000
a. Reforestation and stump removal.....	
b. Widening and improving existing streets and drives.....	
c. Relocation of Illini Grove.....	
d. Miscellaneous site improvement projects.....	
Total.....	\$1 552 000

Schedule I — 1961-63 Biennium

Campus-Public Improvement Projects—Chicago Professional Colleges

Appropriation request \$110,000.

Recently acquired areas from the Medical Center Commission require certain public improvements. They are as follows:

Wolcott Avenue and Winchester Street

Damen Avenue

Taylor Street and Winchester Street

Taylor Street and Marshfield Avenue

Hermitage Avenue between Taylor Street and Polk Street

Hermitage Avenue

Schedule J — 1961-63 Biennium

To Supplement Funds from Federal, Private, and Other Grants — All Campuses

Appropriation request \$1,500,000.

In the last two years grants and other supplemental funds have become more readily available to universities and other state institutions. It is anticipated that this trend will continue and the University should be prepared to achieve the most building space for its dollar. The appropriation requested will be adequate for several of the projects listed. Examples of these projects are as follows:

Biophysics projects

Bioacoustics Laboratory

Electron Microscope Laboratory

Research facilities for the Digital Computer Laboratory

Research facilities for the Department of Chemistry and Chemical Engineering

Research facilities for the Department of Civil Engineering

Research facilities for the Betatron

Research facilities for the Department of Physiology

Physical Environment and Aeromedical Laboratories

Public Service Training Center (Continuation Center)

Radioisotopes Laboratory

Research methods for Sociology and Anthropology

R.O.T.C. facilities

Research facilities for Biochemistry

Research facilities for Pharmacology

Research facilities for Psychology

PLANNING ASSUMPTIONS

Applicable to All Campuses

1. It is recognized that all priorities proposed by the Building Program Committee are established on the assumption that most of the requested funds will be obtained, and that if there is a major reduction, such as occurred in 1959, priority ratings must be reconsidered by the University Administration during its negotiations with the Governor and members of the Legislature on the basis of money likely to be available.

2. A project should be completed in one biennium in order that it will not be necessary to request reappropriations from the State Legislature. Thus, buildings recommended for construction in 1961-63 are limited to those projects for which

plans and specifications can be prepared in time to permit completion of construction before September 30, 1963.

3. In general, each building project cost will be limited to a maximum expenditure of \$4,000,000 in any one biennium.

4. Funds requested for planning and specifications will vary with the status of the Bond Issue. If the Bond Issue passes, presumably the disadvantages of reappropriation of funds would not develop so that larger building projects which require more than one biennium for planning and construction could be recommended.

5. Planning funds will be listed alphabetically and without priority so that commitments for the subsequent building program are not made.

6. Planning funds requested in the 1961-63 biennium will not exceed \$180,000 (which is $1\frac{1}{2}$ per cent of \$4,000,000) for any project. This limits any project to be constructed in the 1963-65 biennium to approximately \$4,000,000 and implies that staged construction will be required for projects estimated to cost more.

7. It is assumed that planning funds will be available during 1959-61 for the following:

- a. Education Building
- b. Commerce Building
- c. Medical Sciences Addition
- d. Electrical Engineering Addition

Plans for the construction of these buildings, based upon the space programs requested in 1959, will be ready to go out for bids by July 1, 1961.

8. The space to be constructed in 1961-63 is based on the priority and space program of 1959 and will not exceed the space allocated in the original program for any project.

Urbana-Champaign Campus

1. The housing program will continue to be financed through income. However, it is assumed that capital appropriations will include funds to provide land and utility extensions.

2. The recommended program is based on the University standards for space.

3. Planned utilization of space will be higher than at present.

4. Construction costs are estimated at the 1961 level.

5. Generally speaking, land acquisition and building planning must be completed the biennium preceding the two years used for construction.

Chicago Professional Colleges

1. Land acquisition will continue to be financed from appropriations to the Medical Center Commission.

2. In general, the need for a proposed program results from:

a. Changes in operational needs and patient care concepts in hospitals.

b. Changes in the basic concepts of medical education.

c. Growth and enrollment intensification of research and improvement in service.

d. Obsolete condition of some buildings. The original structures were obtained in a transfer to the University from the State Department of Public Welfare. The buildings were originally constructed for welfare use and were ill-suited for modern, medical and dental college use. Subsequent remodeling has improved materially the facilities, but much remains to be done. The plans proposed represent a thoughtful study of what is needed to improve the facilities for a first-rate group of colleges of medicine, dentistry, pharmacy and nursing.

3. The space estimates are based on the same standards of allocation and utilization as proposed at Urbana-Champaign where applicable.

4. Clinical facilities in the Medical Center District will be available to the University of Illinois supplementing those of the Research and Educational Hospitals.

To achieve the best results in education for the health professions and in-patient care, a high degree of utilization of many functions is necessary. In terms of the existing facilities of the Chicago Professional Colleges and its educational programs now in progress, a high concentration of building has been found to be advantageous. This has been the experience in other like institutions. Such concentration promotes cohesion between basic scientists and the clinicians, between teaching research and patient care and among all the disciplines involved in the health sciences.

The building and remodeling program is believed to be sound in principle and logical in sequence. The analysis of needs for these colleges has been based on the revised University standards for offices, laboratories, and classrooms. The program has also been based on the changing character of the faculties of the colleges of medicine and dentistry where the trend has been toward full-time teachers being added to the staffs. Maintenance of such a staff is only possible through the provision of adequate office, research, and patient care facilities.

Chicago Undergraduate Division

The Legislature and the University are committed to the policy of providing permanent facilities for the relocation of the Chicago Undergraduate Division. The first stage of this program will provide permanent space for six thousand students in a two-year program. Planning is being pushed forward as rapidly as possible to allow for the relocation of the Chicago Undergraduate Division from the Navy Pier site to a permanent site as rapidly as possible.

The following request represents the results of intensive academic and physical planning and programing for the relocation of the Chicago Undergraduate Division which must be completed by 1963.

Land Acquisition, Site Development, Building Construction, and
Architectural and Engineering Costs.....\$42 500 000¹

ANALYSIS OF BUILDING PROJECTS RECOMMENDED FOR THE 1961-63 BIENNIAL

(Refer to Table III)

Project — College of Education Building

Appropriation request \$3,455,000; Gross Square Feet 95,000.

Gross space shortages, inadequacy of present facilities, extreme dispersion of staff, and high percentage of temporary space, combine to make the College of Education's need an urgent one. Based on the 1956 standards of the Building Program Committee, the College had a deficit of approximately 23,304 square feet. Since that time, the academic staff has increased 40 per cent and the number of students has increased 36 per cent, but the College's space has only gone up 11 per cent. The average office space per staff member is approximately 70 net square feet with many members in offices of no more than 60 square feet. Over two-thirds of existing space assigned to the College is in temporary type facilities. These facilities are in twenty-four buildings dispersed from Main Street to Pennsylvania Avenue and from Lincoln Avenue to Sixth Street.

Project — College of Commerce Building

Appropriation request \$3,200,000; Gross Square Feet 88,000.

The activities of the College of Commerce and Business Administration have been located in David Kinley Hall since 1925. The traditional programs leading to a Bachelor of Science degree, to masters' degrees in these fields, and to the Doctor of Philosophy degrees in several fields have been offered. The work in these areas has expanded rapidly since the College has occupied the building, which has for many years been grossly inadequate to house the staff, the classes, and the activities of the College.

There have been increasingly close relationships between executives of the business world and colleges of commerce and business administration. This has been evidenced at the University of Illinois College by the establishment of the Bureau of Business Management, the Bureau of Economic and Business Research, and the Bureau of Commerce Placement. The present building is not suitable for present programs and is particularly lacking in office space, conference rooms, graduate-type classrooms, the laboratories necessary for modern instructional methods, and other facilities.

The College of Commerce and Business Administration staff offices are presently located at six different locations, four of which are temporary-type buildings. There are very few single-station staff offices and in many instances, graduate teaching assistants must share desks with one another.

¹ Subject to revision upon final selection of the site.

Project — Completion of the Second Stage of the Physics Building

Appropriation request \$3,140,000; Gross Square Feet 98,200.

Plans and working drawings for the total new Physics Building of 105,000 net square feet were completed in 1955-57. However, construction was scheduled to allow the building to be built in two stages. The first stage was completed sufficiently for occupancy in 1959; however, this stage contains service facilities, offices, and research laboratories only. The second stage will contain teaching laboratories, classrooms, and lecture rooms sufficient to accommodate a peak load of 1,100 students at one time and more offices and research laboratories. Present teaching facilities in the old building are crowded to the limit of capacity. Rising enrollment in general physics is overloading the lecture rooms and requiring evening laboratory sections. Even if the entering freshman class is limited to its present number, improved retention through selective admission may increase the teaching load by as much as 50 per cent.

The completion of the second stage of the Physics Building will allow the reassignment of the old building and eliminate the necessity for construction during the ten-year period of an addition to the Transportation Building for the Department of General Engineering, space for the Department of Mining and Metallurgical Engineering, and give indirect relief to the Departments of Mechanical and Industrial Engineering and Aeronautical Engineering.

Project — Library, Seventh Addition — Urbana-Champaign

Appropriation request \$1,435,000; Gross Square Feet 38,800.

Library space needs are of four kinds: accommodations for readers, book storage, work room for library staff, and space for instruction. The proposed wing would provide urgently needed reading rooms, faculty studies, space for technical activities (acquisitions, bookbinding, cataloging, and photographic reproduction), and Library School classrooms.

The rapid growth, quantitatively and qualitatively, of the University of Illinois Library is a remarkable phenomenon. Here is the third largest university library in America, and probably in the world. The Library is one of the strongest bonds, holding an outstanding faculty to the University, and is an important influence in attracting top-notch graduate and professional students. No university can be truly great without a great library, and Illinois' reputation is based in no small degree upon the possession of such a library. Furthermore, a library is never finished, for a library that has stopped growing is dead, and soon loses much of its interest and value for the scholar. Under today's conditions it is inconceivable that scholars could be developed and trained and carry on their work without access to libraries. Even those subject fields which depend primarily on laboratories must support strong libraries in order to avoid repetition of effort and to serve as points of departure for new scientific advances. It may be fairly stated that an adequate library is not only the basis of all teaching and study, but also is an essential condition for research, without which additions are unlikely to be made to the sum of human knowledge.

To assure that the University of Illinois Library will continue to hold its outstanding position of leadership among the world's university libraries and make its maximum contribution to the University community, the Building Program Committee recommends a high priority for the proposed addition.

Project — Medical Sciences Addition — Chicago Professional Colleges

Appropriation request \$3,640,000; Gross Square Feet 68,000.

Architectural studies indicate that provision of the required additions to the physical facilities of the College of Medicine can be acquired only through the construction of a new building in close proximity to the facilities now used by the basic science departments. Several possibilities have been considered, but the integration of the needs of the College of Medicine with those of other colleges, especially the College of Dentistry, will be served best by relocating the teaching laboratories which are now used jointly by the Departments of Microbiology and Pathology and the offices and research laboratories of the Department of Microbiology and the Aeromedical Laboratory in the building to be constructed. It has been proposed further that the Medical Sciences Addition be constructed south and adjacent to the west wing of the current Dentistry-Medicine-Pharmacy Building. If this is done, the obsolete teaching laboratories for Pathology and Micro-

biology and the entire space now occupied by the Department of Microbiology can be made available for the needed future expansion of the College of Dentistry. This proposed location of the new Medical Sciences Addition first phase will also provide appropriate expansion of the Departments of Biological Chemistry, Pathology, and Microbiology. In order to provide for future campus development, a portion of the first floor will be designed for clinics in accordance with the campus development program.

Enrollment estimates for 1969 anticipate a 27 per cent increase in enrollment in the Colleges of Dentistry, Pharmacy, Nursing, paramedical curricula, and graduate student programs, with a corresponding expansion of the existing instructional programs, the establishment of new instructional programs where needed, and a proportionate expansion of research in basic science fields. It should be emphasized that two hundred freshman students are now enrolled annually in the College of Medicine. This enrollment represents a 20 per cent increase in the freshman enrollment in the College of Medicine since 1955. Since there was no corresponding expansion of the physical facilities to accommodate these enlarged classes, the departments of the basic medical sciences have been confronted with increasing difficulties in the procurement and the holding of an adequate teaching faculty to properly carry out the educational responsibilities the College of Medicine has already undertaken. In view of the fact that these same departmental faculties will have the responsibility for increasing numbers of students in other colleges, as noted above, it would appear logical to assign the first priority of new construction needs for the Chicago Professional Colleges campus to the proposed Medical Sciences Addition.

Project — Physical Plant Service Building, First Stage

Appropriation request \$2,120,000; Gross Square Feet 133,000.

The Physical Plant Department, upon completion of the proposed building, will vacate approximately 89,000 gross square feet of building space for reassignment to others and to provide land areas required for sites for construction by the College of Engineering.

Physical Plant service facilities of new and modern construction are urgently needed to replace the present inadequate, widely scattered, and poorly located areas now in use. The replacement of these facilities is urgently needed to reduce operation and maintenance costs, to provide adequate working space to meet service requirements of present and proposed building, to eliminate present potential fire and physical hazards to life and property, and to enable the University to maintain a standard equal to that required of private industry by state law.

Service facilities are now inadequately housed in sixteen buildings, or portions thereof, in congested and widely-separated areas. There are seven shops located in five different buildings which, by reason of their potential fire, safety, and health hazards, poorly arranged and limited work area, physical obsolescence, and lack of proper storage, locker, toilet, and washroom facilities, should be removed to a new location at the earliest possible time. Four of these shops are located in buildings not suitable for shop use. The remaining shops and stores and the administrative offices occupy space that can be converted for other uses.

The decentralization of present facilities results in delays and increased cost of all Physical Plant services. This results in nonproductive time of all employees for travel to and from shops and offices; the duplication of equipment, records, and, in some instances, personnel; the rehandling of materials and supplies; and makes close supervision extremely difficult and costly. The absence of safe and secure storage and yard space results in damage to and loss and theft of materials and supplies, and in the rapid deterioration of expensive equipment through exposure to the elements. The present facilities can not be expanded to meet the requirements and work load resulting from the construction of new buildings and the general expansion of the University programs.

It is estimated that the anticipated economies in operation and maintenance expenditures, resulting from the provision of new facilities, will produce an annual saving of \$75,000 to \$100,000 or perhaps more.

Project — Electrical Engineering Building Addition

Appropriation request \$1,300,000; Gross Square Feet 34,500.

The needs for building space in Electrical Engineering, accruing over the past ten years, have become even more critical during the past three years. Since 1957

the staff in the Department of Electrical Engineering has grown from 222 to 279 members. To house these additional staff members, it has been necessary to establish make-shift office areas in laboratories and to squeeze additional people into existing offices. At present, 110 academic staff are housed in 6,820 square feet of the Electrical Engineering Building for an average of slightly over 60 square feet per staff member.

Since 1957 graduate enrollment in the department has almost doubled from 120 to 225. This growth has created the following specific needs in the graduate area which must be satisfied immediately:

1. Graduate student research facilities. The need here is emphasized by the fact that in the electronics area existing facilities provide for only two doctoral work spaces.

2. A general graduate laboratory for training at the master's degree level. No facilities exist at present for this activity.

3. Two or three small conference rooms are needed for graduate student seminars and oral examinations.

The site is available and most of the foundations for the addition now exist (constructed as part of the first unit built in 1949) in the present Electrical Engineering Building. The need for building space in the Department of Electrical Engineering, based on enrollments, teaching units, number of staff, research needs, and all other criteria shows it to be critical.

Project — Plant Sciences — Agronomy, First Unit

Appropriation request \$3,700,000; Gross Square Feet 82,000.

Except for some minor adjustments, the Department of Agronomy is occupying the same quarters that it did in 1923 despite a three-fold increase in staff since that time. It is proposed to build a Plant Sciences Building which will ultimately house the Departments of Agronomy, Horticulture, Forestry, and Plant Pathology. This will allow vacation of Davenport Hall by the Departments of Agronomy and Plant Pathology, the Vegetable Crops Building, the Floriculture Building, and will release some space in Mumford Hall for expansion of other College of Agriculture activities.

Space occupied by the Departments of Agronomy and Plant Pathology in the center part of the campus is urgently needed for expansion of the College of Liberal Arts and Sciences. It is proposed that the recommended appropriations for the first unit of the Agronomy stage of the Plant Sciences Building will allow the relocation of those functions not requiring a central location.

Project — Additions for Offices and Instructional Space

Appropriation request \$2,775,000; Gross Square Feet 85,000.

The College of Liberal Arts and Sciences which teaches more than 50 per cent of the total instructional load of the Urbana campus, requires additional space to provide offices for faculty to be added during the coming two years. In the past, the College generally has acquired office space by a release from other colleges due to new construction. This will probably continue in the future due to the central location required by the College in servicing all areas of the University and the existing built-up condition of the central area. In addition, the College has staff located in temporary quarters, many of which are on sites for new buildings. As provision must be made for housing new staff as the enrollment grows, provision must also be made for relocating staff from buildings which must be torn down.

The administrative offices of the University are also seriously overcrowded at present and will require additional space as the enrollment of the University increases.

The Office of Admissions and Records is seriously overcrowded, even though remodeling in 1958 temporarily alleviated conditions. The Office has estimated that an additional fourteen people will be needed prior to the end of 1961-63 biennium, with further mechanization and automation wherever possible. It is necessary to have additional space contiguous to their present location due to the many records handled by the Office. The space must be adequate for receiving and conferring with the thousands of citizens of the state of Illinois who come to the Office of Admissions and Records.

The Statistical Service Unit presently located in the Arcade Building has

urgent need for space near the Business Office and the Office of Admissions and Records. Approximately 70 per cent of the total work load of the Statistical Service Unit is performed for these two functions.

The proposed appropriation will provide space for the above-mentioned functions. This space may be constructed most quickly as a south and/or north addition to the Administration Building because preliminary drawings were made several years ago and these could be completed soon. Just as this construction would provide an interim solution to the space problems of both the Administrative offices and the College of Liberal Arts and Sciences, it would also fit into the long-range solution to the problems of the College.

Other alternate solutions, one of which may be more feasible as studies are completed, are:

1. The construction of a new Administration Building and the reassignment of the present Administration Building to the College of Liberal Arts and Sciences. Such a proposal would relocate administrative offices several years earlier than formerly anticipated but it would release urgently required space for reassignment to the College of Liberal Arts and Sciences at once.

2. Construction of an office-classroom building. This proposal would provide the same amount of space as would two additions to the Administration Building but it would separate the administrative offices into two groups.

3. Construction of one wing to the Administration Building and an addition to an existing central campus building. This proposal has the advantage of consolidating administrative offices, and the College of Liberal Arts and Sciences instructional space in two separate areas. However, it would probably result in an extended time-lag before the administrative offices are relocated from the Administration Building and the vacated space assigned to the College of Liberal Arts and Sciences.

The College of Liberal Arts and Sciences has placed a high priority on the reassignment of the Administration Building to it because of its pressing needs for office and classroom space.

Project — University Press Addition

Appropriation request \$655,000; Gross Square Feet 35,400.

The University Press is located in the basement of the Administration Building which also houses the administrative offices of the President, Provost, Admissions and Records, Business Office, etc. This space is urgently required by other activities which need proximity to these offices. In addition, the noise of the press type casters, press vibrations, fumes from solutions and melting lead, and traffic of incoming and outgoing shipments of tons of paper and publications is a serious distraction to the other offices in the building.

The press was located in the Administration Building at its inception (1918) with the inmechanical divisions in the basement and the editorial and administrative offices on the upper floors. In 1958, the first unit of the University Press Building was completed and the editorial, art, and sales divisions were moved to this building. Present space occupied in the basement of the Administration Building by the Press is far too small for present printing needs of the University. Stauding type must be stored in a public hallway and is subject to damage and misplacement. The bindery space is so inadequate that skids of printed sheets must be moved in and out constantly to provide working room for folders, stitchers, and trimmers and there is no space for general storage of paper for printing jobs or for stacking printed sheets or for publications on runs of more than a few thousand copies. In addition, the lack of space prevents the Print Shop from taking advantage of newer and more efficient processes, particularly larger offset presses and plate-making equipment.

Upon completion of the University Press Addition and relocation of the Print Shop from the Administration Building basement, it is proposed that the basement be reassigned to the Statistical Service Unit whose primary duties are closely related to the administrative offices.

Project — Central Receiving Station

Appropriation request \$775,000; Gross Square Feet 43,000.

The Central Receiving Station has been operating since November, 1949. Prior to that time all purchases were delivered directly to departments. The need

for a central point through which to clear shipments became so urgent that it was decided to inaugurate the service in low-cost buildings, with the understanding that the arrangement would be *temporary*. A temporary steel building (Quonset Hut) was erected, which was insulated and provided with heat. Another steel warehouse has been added but this addition is not insulated or heated. They are located on the extreme east end of the Physical Plant storage area east of Goodwin Avenue. Also prior to the establishment of Central Receiving, a steel building was erected in the same area for warehousing for Office Supply Storeroom.

The operation has been surprisingly successful in meeting the requirements in view of the difficulties imposed by inadequate space and poor location. With the anticipated increase of activities, the time is fast approaching when it will no longer be possible to handle the load with existing facilities. The present temporary buildings do not provide suitable places for men to work. Only one of them, the Central Receiving Station, is insulated and kept reasonably warm. The others are not insulated and as they require daily use the men must spend considerable time in them without regard to weather.

The proposed building will provide ample space for the Central Receiving Station and warehousing and storage to house the Office Supply and General Chemical Storerooms. In addition, it will allow for the vacation of land required for expansion of the College of Engineering.

It is important that the departments of the University receive needed materials and equipment promptly and in good condition. To accomplish this, the Purchasing Division and storerooms must have proper facilities for storage and delivery.

Project—Relocation of South Garage and Car Pool

Appropriation request \$600,000 (about half of the cost is for paving, fencing, lighting, site improvements, and equipment); Gross Square Feet 15,960.

The present south garage and car pool is located east of the Agricultural Engineering Building and north of Peabody Drive and occupies approximately one and three-quarters acres of land. Current planning indicates that this space will be needed for the expansion of academic buildings in the period prior to 1969. Although the land is not immediately required, the best estimate to date indicates that at the present rate of increase in travel demands, the physical capacity of the present site will be exceeded by 1963. At that time, a new and larger site for the car pool and garage should be ready for operation.

It is proposed to relocate the south garage and motor pool to an area south of Florida Avenue and adjacent to the Illinois Central Railroad tracks in association with other Physical Plant Service Buildings. Approximately three and one-half acres will be required to provide a garage building, service area, and paved storage lot for University vehicles and a customer parking area for those people desiring to use the University vehicles.

1959-1961 UNIVERSITY BUILDING PROGRAM COMMITTEE

NORMAN A. PARKER, *Chairman*
ROYDEN DANGERFIELD
GRANVILLE A. BENNETT
RUSSELL N. SULLIVAN
ROBERT P. HACKETT

STAFF

CHARLES S. HAVENS
ERNEST L. STOFFER
JAMES V. EDSALL
HARLAN D. BAREITHER
DONALD C. NEVILLE, *Secretary*

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

September 21, 1960



The September meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Wednesday, September 21, 1960, beginning at 2:00 p.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Wirt Herrick, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Governor William G. Stratton was absent.

Also present were President David D. Henry, Vice-President and Provost Lyle H. Lanier, Dr. Joseph S. Begando, Assistant to the President and Acting Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

MEETINGS OF COMMITTEES

Meetings of the Board's Committees on General Policy and Buildings and Grounds were held on Wednesday, September 21, 1960, beginning at 10:00 a.m.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on May 17, 1960, press proof copies of which have previously been sent to the Board.

On motion of Mr. Swain, the minutes were approved as printed on pages 1275 to 1310, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard written examination given in May, 1960, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943, as amended:

HAROLD OTTO ALBERS (Roselle)	ALBERT OSCAR ECK (Springfield)
DONALD FRANCIS ARGUS (Chicago)	EUGENE CHESTER ERNSTING (Roselle)
HAROLD EDWARD ARNETT (Danville)	JOHN HENRY EVENHOUSE (Cicero)
ROGER GERARD ASHAMY (Coal City)	JOSEPH BERNARD FANCHI (Chicago)
ALAN WENDELL BERGSTEDT (Chicago)	MARVIN FOX (Chicago)
CHARLES MORRIS BLEY (Chicago)	EDWARD FREDERICK FREDERKING (Nashville)
SYLVIA KAY BOHRMAN (Chicago)	ROBERT HENRY FREITAG (Taylorville)
WILLIAM EUGENE BONHAM (Normal)	WILLIAM HENRY FREWERT (Forest Park)
THEODORE HOWARD BORKAN (Chicago)	JAMES DONALD GIBBONS (Chicago)
BRUCE BARTON BOWERS (Champaign)	MILES ALLEN GILL (Chicago)
BYRON DWIGHT BREEMS (Chicago)	SHELDON HARVEY GINSBURG (Chicago)
JOSEPH THOMAS BRUSHERD (Cicero)	EDWARD DEAN GODDARD (Chicago)
DEAN CRAIG BYRD (Skokie)	GENE JAY GOLDBERG (Chicago)
LOREN DEWEY CAMERON (Chicago Heights)	HAROLD GOLDBERG (Chicago)
MYRON ARTHUR CARPENTER (Pleasant Hill)	HERBERT FRED GOLDEN (Urbana)
CHARLES JOHN CAVALLO (Itasca)	RICHARD ALAN GOLDSTINE (Chicago)
ARTHUR DEAN CHOWN (Bloomington)	HUGH BYRNE GOOD (Champaign)
DON BRINEE COHEN (Chicago)	MORRIS GOODMAN (Chicago)
GLEN RICHARD COLE (Rockford)	CHARLES MAURICE GOULD (Chicago)
FREDERICK JOHN COOK, JR. (Hinsdale)	DONALD IRWIN GRAUER (Chicago)
ROBERT ANTHONY CORRELLO (Oak Lawn)	RICHARD ANTHONY GRIMLER (Chicago)
MATTHEW RICHARD COSGROVE (Glenview)	CHARLES ALFRED GULBRANSEN (Chicago)
GERARD STEPHEN COSSIDENTE (Chicago)	BERYL DEAN HALTERMAN (Libertyville)
PAUL NICHOLAS CROSSLAND (Park Forest)	CHARLES SHELDON HANDEL (Chicago)
DONALD ARCHILLE CYRIER (Mount Prospect)	RICHARD XAVIER HATCH (Naperville)
MERWYN EARL DAN (Park Forest)	EDDIE RAY HENSON (Paris)
ROBERT LEE DAN (Chicago)	SAMUEL HODES (Peoria)
THOMAS JOHN DELANEY (Chicago)	JACK ANTHONY HOFFMEISTER (Chicago)
MARVIN DUANE DENNIS (Chicago)	STEWART WAYNE HOLLOCKER (Lake Villa)
STANTON NORRIS DERDGER (Chicago)	JAMES DOUGLAS HORSTMANN (Westmont)
JAMES PAUL DREVETS (Chicago)	ARTHUR JOHN HYBERT (Chicago)
GENEVIEVE HELEN DUFFIN (Chicago)	ROBERT HOWARD ISAACS (Chicago)
JAMES WILLIAM DUNN (Markham)	

ROBERT JONES JACOBSON (Centralia)
 HOWARD PAUL KEEFE (Chicago)
 JAMES MICHAEL KELLEHER (Chicago)
 MICHAEL CLAUD KENT (Evanston)
 EARL LARSEN KESLER (Urbana)
 RICHARD PETER KIEP (La Grange)
 EDWARD GROVER KILLINGER (Franklin Park)
 ROLAND IVAN KING (Chicago)
 ALBERT HERMAN KNAUERHAZE (Hinsdale)
 ALBERT KOPIN (Chicago)
 WILLIAM EARL KOSSIAN (Orland Park)
 JOSEPH ANDREW KOWALKOWSKI (Chicago)
 TOM NICHOLAS KRUKONIS (Calumet City)
 CHARLES ALBERT LENZIE (South Wilmington)
 LARRY BERNARD LEONARD (Chicago)
 ALBERT FLOYD LESKO (Hillside)
 ARTHUR LOUIS LEVIN (Chicago)
 ROBERT JOE LILL (Chicago)
 TODD STEPHEN LUNDY (Chicago)
 BURTON MALOW (Chicago)
 STEPHEN LARRY MARCUS (Chicago)
 NORMAN RICHARD MATSON (Chicago)
 RUSSELL OWEN MCCANN (Decatur)
 WILLIAM JAMES McDERMOTT (Mount Prospect)
 JOHN JAMES McDONOUGH (Chicago)
 RONALD PATRICK MCGOVERN (Chicago)
 LESTER HARVEY MCKEEVER, JR. (Chicago)
 THOMAS EDWARD McLAUGHLIN (Arlington Heights)
 JOHN PAUL NELSON (Chicago)
 RONALD NICKEL (Glenview)
 JOHN JOSEPH NOTO (Chicago)
 DONALD RUDD ODER (Chicago)
 DONALD WARREN OLSON (Mokena)
 WILLIAM THOMAS O'NEILL (Chicago)
 EDWARD MARTIN PALUGA (Chicago)
 WALTER RICHARD PATELSKI (Chicago)
 FRANKLIN MILLER PHILLIPS (Jacksonville)

RICHARD JOSEPH POWELL (Chicago)
 ALEXANDER PRZYPKOWSKI (Chicago)
 LEONARD HAROLD REICIN (Chicago)
 WILLIAM PETER REILAND (Chicago)
 LOUIS P. ROBERTS (Springfield)
 MILES EDWARD RODGERS (Glenview)
 WILLIAM ROSENBLOOM (Chicago)
 FRED ROTHENBERG (Chicago)
 THOMAS JOYCE ROWND (Chicago Heights)
 DAVID ROBERT RUBIN (Chicago)
 JOHN JAMES RYMARCUS (Chicago)
 WAYNE LINLEY SCHOEMAKER (Chicago)
 JOSEPH SCIORTINO (Glenview)
 ROY ETHRIDGE SEXTON (Elmwood Park)
 ROGER LEE SHARPE (Peoria)
 BERNARD SCHECHTMAN (Morton Grove)
 MAURICE MERRIAM SHELTON (Palatine)
 NORMAN SHULMAN (Chicago)
 ROBERT SAMUEL SIEGEL (Chicago)
 WILLIAM BENNERS SNOW (Chicago)
 ROBERT EDWARD STANLEY (Springfield)
 HAROLD LLOYD STRAUSS (Wilmette)
 BRUCE ALAN STRUCKMAN (Elgin)
 LAWRENCE BARRETT SULLIVAN (Chicago)
 JAMES JUNIOR SWANN (Park Ridge)
 HILBERT GEORGE SWANSON (Westmont)
 JOHN JOSEPH TERRY (Chicago)
 RUSSELL DEAN THORELL (Chicago)
 BERNARD JOHN TRANDEL (Chicago)
 THOMAS WERNER UDDENBERG (Chicago)
 JAMES ARTHUR VICKREY (Freeport)
 RICHARD LEWIS VOLPE (Wheaton)
 RONALD ALLEN WEISS (Chicago)
 HOWARD ANDREW WELCH, JR. (Evanston)
 WILLIAM DAVID WIENER (Chicago)
 JOHN JOSEPH WILLINGHAM (Decatur)
 WARREN W. WILSON (Chicago)
 EDWARD SCHAEFER WOLFF (La Grange)
 DONALD WOODCOCK (Chicago)
 CECIL EUGENE WORRELLS (Champaign)
 ROY ROGER YOUNGER (Chicago Ridge)

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Illinois Accountancy Act of 1943 as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
JOHN CHARLES LENTZ	Collinsville	Missouri
JAMES ORVILLE POTTER	Geneva	District of Columbia
ERNST ERICH SCHNABL	Chicago	Nebraska
ROBERT FRANCIS SKEBHAN	Arlington Heights	Oklahoma
EDWARD JULIUS WILSMANN	Joliet	Wisconsin

I concur.

On motion of Mr. Johnston, these certificates were awarded.

APPOINTMENTS TO THE FACULTY

(2) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. WILLIAM ROSS ASHEY, Visiting Research Professor of Electrical Engineering, eight months from January 1, 1961, at a salary of \$9,000 (DY).
2. A. CRAIG BAIRD, Visiting Professor of Speech, five months from September 1, 1960, at a salary of \$5,400 (G).
3. JAY BOYD BEST, Associate Professor of Physiology, College of Medicine, beginning September 1, 1960, at an annual salary of \$11,800 (DY).
4. CEDRIC C. CUMMINS, Visiting Professor of History, on one-half time, for the academic year 1960-61, at a salary of \$5,000 (E50).
5. ALEXANDER ARTHUR HAYDAY, Assistant Professor of Mechanical and Industrial Engineering, beginning September 1, 1960, at an annual salary of \$8,700 (B).
6. JOSEPH CHARLES HEADLEY, Assistant Professor of Farm Management, Department of Agricultural Economics, beginning September 16, 1960, at an annual salary of \$9,000 (DY).
7. ORACE ELMO JOHNSON, Assistant Professor of Pharmacy Administration, College of Pharmacy, beginning September 1, 1960, at an annual salary of \$7,600 (D).
8. JOYCE COHEN LASHOF, Clinical Assistant Professor of Preventive Medicine, beginning July 1, 1960, without salary (DY).
9. ELIE PIERRE LEROY, Associate Professor of Pathology, College of Medicine, and Associate Pathologist in the Research and Educational Hospitals, beginning October 1, 1960, at an annual salary of \$15,600 (AY).
10. JOHN MICHAEL LIEVTSKY, Assistant Professor of Preventive Medicine, beginning September 1, 1960, at an annual salary of \$11,000 (DY).
11. YU-KWENG MICHAEL LIN, Assistant Professor of Aeronautical Engineering, beginning September 1, 1960, at an annual salary of \$9,000 (D).
12. ERIC JEAN LINDAHL, Visiting Professor of Mechanical and Industrial Engineering, five months from September 1, 1960, at a salary of \$6,750 (G).
13. PAUL ALEXANDER MANKIN, Assistant Professor of French, two years beginning September 1, 1960, at an annual salary of \$7,000.
14. WILLIAM JOHN MASON, Associate Professor of Business Education, beginning September 1, 1960, at an annual salary of \$8,000 (D).
15. JOAN MARIE MOYNAGH, Assistant Professor of Music, beginning September 1, 1960, at an annual salary of \$7,500 (B).
16. FRANCIS C. NEUHAUS, Assistant Professor of Biochemistry, for the month of August, 1960, at a salary of \$600; beginning September 1, 1960, at an annual salary of \$6,700 (G;D).
17. DONALD WILLIAM RAPP, Assistant Professor of Home Economics, beginning September 1, 1960, at an annual salary of \$7,350 (DY).
18. JOHN DALE ROSLAWSKY, Assistant Professor of Zoology, beginning September 1, 1960, at an annual salary of \$6,500 (B).
19. MADELAINE TOUCHSTONE SHALABI, Assistant Professor in the Division of Social Sciences, Chicago Undergraduate Division, on 83/100 time, beginning September 1, 1960, at an annual salary of \$5,500 (D83).
20. SHYAMAL KUMAR SINHA, Associate Professor of Physiology and Pharmacology, assigned to College of Veterinary Science and Animal Husbandry, Mhow, Madhya Pradesh, India, under the University's contract with the International Cooperation Administration, two years from September 1, 1960, at an annual salary of \$12,200 (FY).
21. THOMAS ORVILLE SLOAN, Assistant Professor of Speech and Theater, beginning September 1, 1960, at an annual salary of \$6,300 (B).
22. DALE METZ SMITH, Associate Professor of Botany, Department of Botany and Division of General Studies, beginning September 1, 1960, at an annual salary of \$8,000 (B).
23. HENRY SPIES, Editor in the Small Homes Council-Building Research Council, with rank of Assistant Professor, beginning September 12, 1960, at an annual salary of \$8,600 (BY).

24. KURT STERN, Professor of Pathology, College of Medicine, and Pathologist in the Research and Educational Hospitals, beginning October 1, 1960, at an annual salary of \$18,000 (AY).
25. STEPHEN JEN-YAO TANG, Associate Professor of Architecture, beginning September 1, 1960, at an annual salary of \$11,000 (D).
26. PAUL ULANOWSKY, Professor of Music, beginning September 1, 1960, on one-half time, at an annual salary of \$6,800 (A50).
27. RAYMOND JOHN ZIEGLER, Associate Professor of Management, beginning September 1, 1960, at an annual salary of \$10,000 (D).

Appointments to Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointments to supervisory positions of upper level responsibility.

1. MRS. MILDRED E. GOFF, Duplicating Service Supervisor, beginning July 5, 1960, at an annual salary of \$5,220.
2. JOSEPH A. GARZA, Accountant II, Business Office, beginning July 1, 1960, at an annual salary of \$6,540.
3. AUDREY C. HUCK, Assistant Food Production Manager, Illini Union, beginning July 1, 1960, at an annual salary of \$4,500.
4. WILLIAM H. LAWYER, Junior Mechanical Engineer, Physical Plant Department, beginning July 1, 1960, at an annual salary of \$6,600.
5. HELEN V. MEYERS, Food Service Supervisor, Illini Union, beginning July 7, 1960, at an annual salary of \$3,863.
6. PHOEBE G. PRESTISS, Principal Laboratory Technologist, Department of Physiology, Chicago Professional Colleges, beginning June 27, 1960, at an annual salary of \$9,000.

On motion of Mr. Swain, these appointments were confirmed.

APPOINTMENT OF ASSOCIATE DIRECTOR OF THE EXTENSION SERVICE IN AGRICULTURE AND HOME ECONOMICS

(3) On recommendation of the Dean of the College of Agriculture and Director of the Extension Service in Agriculture and Home Economics, and with the concurrence of the Vice-President and Provost and the President of the University, the Executive Committee of the Board approved the appointment of Dr. John B. Claar, formerly Farm Representative for the Administrator of the Federal Extension Service in the United States Department of Agriculture, as Associate Director of the Extension Service in Agriculture and Home Economics, with the rank of Professor, for one year beginning September 1, 1960, at a salary of \$16,000 (on "Y" basis). Reappointment will be on the standard biennial tenure for administrative officers. This appointment is to replace Professor William G. Kammlade as Associate Director of the Extension Service in Agriculture and Home Economics and State Leader of Farm Advisers, who retired September 1, 1960.

It was not feasible to secure all clearances and commitments necessary to present the recommendation to the Board of Trustees at its July meeting. Since it was important to fill the position beginning September 1, the recommendation was submitted to the Executive Committee for approval, and was simultaneously reported to the other members of the Board.

On motion of Mr. Hughes, this appointment was confirmed.

APPOINTMENTS TO THE UNIVERSITY OF ILLINOIS CITIZENS COMMITTEE

(4) I submit the following nominations for additional appointments to the University of Illinois Citizens Committee for the period ending December 31, 1962.

JAMES W. BARR
Attorney
416 Rialto Square Building
Joliet, Illinois
ROLAND J. DEMARCO
Attorney
316 North Market Street
Mount Carmel, Illinois

ROBERT A. EAGLE
Attorney
Rock Island Bank and Trust Building
Rock Island, Illinois
JAMES F. MAYNARD
Attorney
Rockford Trust Building
Rockford, Illinois

DEESTIN L. PASLEY
Attorney
DeKalb Trust and Savings Bank
DeKalb, Illinois

JOHN H. PEASLEY
Farmer
Stronghurst, Illinois

DAVID F. ROOF
Attorney
201½ Liberty Street
Morris, Illinois

ROBERT E. SHAW
Co-Publisher and General Manager
The Dixon Evening Telegraph
Dixon, Illinois

WENDELL B. TRENCHARD
Bank President and Grain and Live-
stock Farmer
Deland, Illinois

On motion of Mr. Herrick, these appointments were approved.

NAMING OF RESIDENCE HALLS

(5) The President of the University has recommended to the Committee on Buildings and Grounds the following names for the three units of the new Peabody Drive Residence Halls and the Committee concurs.

Scott House—for Franklin William Scott. An alumnus of the University of Illinois, Class of 1901, Mr. Scott also received the degrees of Master of Arts in 1903 and Doctor of Philosophy in 1912, from the University of Illinois. As an undergraduate he was in numerous extracurricular activities, especially student publications. With the exception of a year spent in graduate study at Harvard University, he was a member of the faculty of the University of Illinois as Instructor in Rhetoric and Assistant Professor and Professor of English, continuously from 1901 to 1925 when he resigned to become editor-in-chief of D. C. Heath and Co. He was Secretary of the Department of English for many years and at various times served as Chairman. He organized the first courses in journalism which were then taught in the Department of English and directed these courses from 1905 to 1918 and from 1921 to 1925. He organized and was Chairman of the Board of the Illini Publishing Company for many years.

Snyder House—for Edward Snyder. Professor Snyder was a member of the faculty from the time the University opened in 1868 until he retired in 1896. His continuing position on the faculty was Professor of German and Literature, but at various times he also served as Professor of Modern Languages, as Dean of the College of Literature, as Secretary of the Board of Trustees, and as Business Agent for the University. He was the first Commandant of the Military Department, having been commissioned as a Colonel in the Illinois National Guard, from 1870 to 1880. (He also served for three years with a New York regiment in the War Between the States.) Following his retirement, he gave the University \$12,000 to establish the first student loan fund, which, of course, is still in operation.

Weston House—for Nathan Austin Weston. Dr. Weston graduated from the University of Illinois in 1889 and was a member of the faculty for many years. He served as Instructor in the University Academy for four years, while doing graduate work at Illinois and at Cornell University. He was on the faculty as Instructor, Assistant Professor, and Professor of Economics from 1900 until his death in 1933. He was the first Dean (Acting Dean) of the College of Commerce and Business Administration, serving in this capacity from 1915 to 1919.

On motion of Mr. Pogue, these names were approved.

POLICY ON THE USE OF TELEVISION FOR INSTRUCTION

(6) Television facilities increase the capacity of the University of Illinois to serve both its resident students and the citizens of the state. In order that the use of this medium may conform to sound educational practice, the following standards have been recommended by the Urbana-Champaign Senate, with the concurrence of the other two Senates:

When the sole question is one of employing television techniques in a resident course for regularly enrolled students, the college in which the course is offered shall retain a full measure of autonomy, including control over the question of attendance.

When television is used for other than resident students, and credit is being given:

- a. The course must be one which is offered in residence.
- b. The course must be prepared and presented by the appropriate resident department.
- c. Credits earned in such courses can not be counted as resident credits. Candidates for certain degrees may, however, in accordance with the present practice respecting extramural courses, apply up to sixty undergraduate semester hours toward the baccalaureate degree or four units toward the master's degree for credits earned in the television and other extramural programs, provided all other University requirements have been met and necessary approval is secured for courses pursued from the college or school in which the degree is to be taken.
- d. Admission and registration will be in accordance with appropriate University regulations.

When television is used for other than resident students, and credit is not being given, admission and registration will be in accordance with appropriate University regulations, such as those of the Division of University Extension for extramural classes.

This policy is to be effective September 1, 1960, but shall be reviewed annually by the Educational Policy Committee of the Urbana-Champaign Senate.

I recommend approval of this policy.

On motion of Mr. Herrick, this recommendation was approved.

DISCONTINUANCE OF MOUNT MORRIS EXPERIMENT FIELD

(7) The Dean of the College of Agriculture and Director of the Agricultural Experiment Station recommends that the Mount Morris Experiment Field be discontinued. This field of approximately twenty acres has been in use since 1910, and the Department of Agronomy feels that it has secured all the information it can from the field. The soil is similar to a nearby field in Lee County, which will be continued. Also, a new 160-acre research center has been established in the northern part of the state at the former Joliet Arsenal, which was obtained as surplus property from the federal government, and the time, effort, and money now expended at Mount Morris can more profitably be used at the new research center.

The legal description of the field is as follows:

Part of the North $\frac{1}{2}$ of the Northwest $\frac{1}{4}$ of Section 35, in Township 24 North, Range 9 East of the 4th P.M., described as follows: Commencing at a point on the North line of said Section, $12\frac{1}{2}$ chains West of the Northeast corner of the Northwest $\frac{1}{4}$ of said Section and running thence West on the Section line 15 chains, thence South $13\frac{1}{3}$ chains, thence East parallel to the Section line 15 chains, thence North $13\frac{1}{3}$ chains to the place of beginning, containing 20 acres, more or less in Ogle County, Illinois.

The land was given to the University and the deed conveying the property contains the following statement:

It is hereby agreed and understood that this land is deeded to the University to be used as a state experimental station. And it is further understood and agreed if the use of this tract of land for the purpose stated should be discontinued for the term of two years the University of Illinois shall deed the North half of said land to the Village of Mount Morris, Illinois, and the South half of said tract to Mount Morris College Co. This deed is accepted upon these conditions and terms.

The village of Mount Morris, Illinois, has requested that the University deed the north half of the field to it and has indicated that it will accept a quit claim deed to the property.

Mount Morris College is no longer in existence, and the Legal Counsel has not yet been able to determine whether "Mt. Morris College Co." or any successor to it has any rights in the property. A recommendation concerning the disposition of the south half of the field will be submitted at a later date.

The Vice-President and Comptroller and the Legal Counsel join in these recommendations and in the adoption of the following resolution, and I concur.

Resolution

Be it, and it hereby is, resolved by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, with its principal office in the City of Urbana, County of Champaign, and State of Illinois, that the Comptroller and Secretary of this Board of Trustees be, and they hereby are, authorized and directed to execute, acknowledge, and deliver in the name of and in behalf of this Corporation and under its Corporate Seal a Quit-Claim Deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey and quit claim to Village of Mount Morris, a municipal corporation of the County of Ogle in the State of Illinois, title to the North one-half of the following-described real estate:

A part of the North Half of the Northwest Quarter (NW ¼) of Section Thirty-five (35) in Township Twenty-four (24) North, Range Nine (9) East of the Fourth Principal Meridian, described as follows: Commencing at a point on the North line of said Section, twelve and one-half (12½) chains West of the Northeast corner of the Northwest Quarter (NW ¼) of said Section and running thence West on the Section line fifteen (15) chains, thence South thirteen and one-third (13⅓) chains, thence East parallel to the Section line fifteen (15) chains, thence North thirteen and one-third (13⅓) chains to place of beginning, situated in the County of Ogle, in the State of Illinois.

On motion of Mr. Hughes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

REPORT BY DEAN C. W. SANFORD

(8) At this point President Henry presented Dr. C. W. Sanford, Dean of Admissions and Records, who reported on the enrollments for the first semester of 1960-61 compared with the enrollments at the beginning of the first semester of 1959-60. Copies of his report were distributed at the meeting, and a copy was filed with the Secretary for record.

EMPLOYMENT OF ARCHITECTURAL AND ENGINEERING FIRMS

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend employment of the following architectural and engineering firms on new building projects for which state appropriations are being requested for 1961-63 and subsequent biennia for the services and at the fees stated:

College of Commerce and Business Administration Building—Jameson and Harrison, Peoria

Complete architectural services at a fee of 6 per cent of the construction contracts.

Electrical Engineering Building addition—Graham, Anderson, Probst, and White, Inc., Chicago

Complete architectural services at a fee of 6 per cent of the construction contracts.

Medical Sciences Building addition—

Shaw, Metz, and Associates, Chicago

Richardson, Severns, Scheeler, and Associates, Champaign, Associate Architects

The development phase, preliminary work and definitive drawings, will be the responsibility of Richardson, Severns, Scheeler, and Associates, who will coordinate their work with that of Shaw, Metz, and Associates. The production and construction phases, working drawings, and supervision will be the responsibility of Shaw, Metz, and Associates. Total fees will be on the basis of 6 per cent of construction contracts.

Research and Educational Hospitals addition—Fugard, Burt, Wilkinson, and Orth, Chicago

Complete services at a fee of 6 per cent of the construction contracts.

This will be a fourteen-story addition to the Research and Educational Hos-

pitals connected with the present Hospitals addition and with the proposed Medical Sciences addition. The project will include remodeling and rehabilitation of areas in the present Research and Educational Hospitals. Since this second addition is not in the 1961-63 building program, the architectural work during the balance of the 1959-60 biennium will be limited to certain minor studies necessary to permit work on the adjoining Medical Sciences addition to house the basic science departments of the College of Medicine with its hospital oriented departments.

Residence Halls for Graduate Students (Third Phase, SG-3)

Mielke and Smith, Chicago

Richardson, Severns, Scheeler, and Associates, Champaign, Associate Architects

At a fee not to exceed 6 per cent of the construction contracts less payments made to date to Richardson, Severns, Scheeler, and Associates for preliminary work.

Residence Halls for Graduate Men (Fourth Phase, SM-4) — Mittelbush and Tourtelot, Chicago

For continuing architectural services beyond the design stage; this firm to be employed under a contract with Richardson, Severns, Scheeler, and Associates at a total fee not to exceed 6 per cent of the cost of construction contracts less payments made to date for preliminary work.

Physical Plant Department Service Building — A. Epstein & Sons, Chicago

Complete services at a fee of 6 per cent of the construction contracts.

In each case the standard professional fees are subject to adjustment downward for such factors as payments made for any preliminary work or for duplication of buildings as in the case of residence halls.

The foregoing recommendations are presented with my concurrence and that of the Committee on Buildings and Grounds which has also considered them.

On motion of Mrs. Watkins, these recommendations were approved; Mr. Herrick voted "no."

APPROPRIATION FOR EXTENSION OF STEAM TUNNEL

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend an assignment of \$40,000 from General Indirect Costs funds to construct an extension of the Goodwin Avenue steam tunnel from the south side to the north side of Green Street. This steam tunnel will have to be extended further to the proposed site of the Materials Research Laboratory north of the "Bone-yard" and east of Goodwin Avenue. The first part of the construction should be done before Green Street is repaved next spring; otherwise, it would be necessary to tear up new pavement.

This work will also require an increase, estimated at \$3,100, in a contract with Sargent and Lundy for engineering services in designing utilities extensions authorized by the Board, February 19, 1959.

I concur and recommend that the Comptroller be authorized to execute this change in the contract with Sargent and Lundy.

On motion of Mr. Swain, this appropriation was made, and the change in the contract recommended was authorized, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

FEDERAL GRANT AND MATCHING FUNDS FOR BIOACOUSTICS LABORATORY

(11) On April 17, 1958, the Board approved acceptance of a federal grant of \$139,173 from the National Institutes of Health for the construction of a bioacoustics laboratory and appropriated from the General Reserve the matching funds required by law. The University has now received a supplemental grant of \$74,425 to complete this project.

The Vice-President and Provost and the Vice-President and Comptroller recommend that this supplemental grant be accepted and that an appropriation of \$74,425 be made from the General Reserve for the required matching funds.

I concur.

On motion of Mr. Johnston, this appropriation was made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

REAPPROPRIATION OF UNEXPENDED BALANCES

(12) The Vice-President and Comptroller recommends that the following balances and overdrafts in budget appropriations and balances in appropriations for special services and projects not completed on June 30, 1960, be reappropriated for the fiscal year beginning July 1, 1960, in accordance with usual policy.

I concur.

Urbana-Champaign

General administration and expense.....	\$61 480		
Microfilming records.....	\$ 5 903		
Special legal services.....	14 056		
Health Service chest X-rays.....	492		
Health Service first aid kits.....	794	21 245	\$ 82 725
Agriculture.....			31 755
Commerce.....			13 116
Education.....			3 905
Engineering.....			21 445
Fine and Applied Arts.....			30 523
Graduate College.....			18 407
Journalism and Communications.....			8 320
Law.....			38
Liberal Arts and Sciences.....	19 390 ¹		
Burrill Hall dedication.....	467		
Physiology relocation, Burrill Hall.....	3 413	3 880	15 510 ¹
Physical Education.....			2 387 ¹
University Extension.....			38 638
Veterinary Medicine.....			9 212
Other schools and colleges.....			8 959
Library and Graduate School of Library Science.....	1 617		
Russian and Slavic materials.....	718		2 335
Physical Plant			
Regular operation and maintenance.....	108 127		
Renewals and replacements.....	90 289		
Junior Academy of Science conference.....	245 ¹		198 171
Unexpended plant			
605 East Daniel Street, purchase.....	1 000		
Volo and Wauconda bogs, purchase.....	157		
Radio telescope, site improvements.....	10 677		
Accounting, special equipment.....	1 285		
Admissions and Records, special equipment.....	21 483		
English Building, air conditioning.....	464		
Dixon Springs, staff houses.....	14 068		
805 West Pennsylvania Avenue, remodeling.....	4 295		
Physics, temporary building.....	27 869		
Agriculture administration, special equipment.....	15 626		
Truck, purchase.....	936		
Commerce and Business Administration, equipment and remodeling.....	1 545		
Business Education, special equipment.....	2 935		
Dean of Men's Office, air conditioning.....	3 100		
Arcade Building and Illini Hall, remodeling.....	41 580		
Armory, storeroom improvements.....	806		
235 Illini Hall, air conditioning.....	1 558		
Agricultural Engineering Building, classroom.....	1 906		
Agronomy Field Laboratory, remodeling.....	3 000		
Agronomy Storehouse, remodeling.....	2 600		
Davenport Hall, remodeling.....	14 758		
Horticulture Field Laboratory, remodeling.....	2 500		

Horticulture Field Laboratory, boilers.....	6 503
Poultry Service Building, painting.....	4 400
David Kinley Hall, remodeling.....	3 608
Physics Building, remodeling.....	1 191
Physics Research Laboratory, addition.....	7 819 ¹
Transportation Building, remodeling.....	1 406
Woodshop, remodeling.....	3 229
Architecture Building, improvements.....	21 198
Altgeld Hall, remodeling.....	14 669
English Building, remodeling.....	9 710
Harker Hall, remodeling.....	668 ¹
Lincoln Hall, remodeling.....	31 327
Natural History Building, remodeling.....	4 328
Noyes Laboratory, remodeling.....	21 ¹
Noyes Laboratory, remodeling basement and third floor..	75 416
1205 West California Avenue, remodeling attic.....	205
1205 West Oregon Street, remodeling.....	782
Milling machine.....	15 000
Electrical Engineering, special equipment.....	15 728
Observatory, remodeling.....	556
Sixth Street Building, remodeling.....	4 430
1207 West Stoughton Street, remodeling.....	952
Mining Laboratory, improvements.....	315
Mining and Metallurgical Engineering, special equipment..	390
Radioactivity monitoring system.....	3 500
Theoretical and Applied Mechanics, equipment and re- modeling.....	365
Architecture, special equipment.....	11 741
Sixth Street Building, alterations and equipment.....	2 534
Art, special equipment.....	42 609
City Planning and Landscape Architecture, special equip- ment.....	3 019
Krannert Art Museum, special equipment.....	14 036
Graduate College, card-to-tape convertor.....	2 900
Flexowriter.....	75
Truck.....	2 500
Botany, special equipment.....	20 358
East Chemistry Building, remodeling for biochemistry....	11 124
Harker Hall, room 311, remodeling and equipment.....	193
Division of General Studies, special equipment.....	2 234
Geography, stereoplotter.....	10 015
Illi Hall, room 331, improvements.....	303
Zoology, special equipment.....	163
Vivarium Building, remodeling.....	123
Bus, purchase.....	1 230
1208 West California Avenue, retaining wall.....	3 000
Electric power substation.....	9 200
Embarrass River, drainage improvement.....	1 500
Florida Avenue, road improvements.....	7 200
Bicycle lanes.....	26 619
Stadium Drive, recreational area.....	76 165
Library Tennis Courts, resurfacing.....	125
Storm sewer improvements.....	2 500
St. Mary's Road, water main.....	2 016
Veterinary Medicine, special equipment.....	5 593
Art Museum.....	75 052
Mining and Metallurgical Engineering, laboratory re- modeling.....	266
Architectural studies for future buildings.....	92 367
Digital Computer Laboratory.....	577
Electrical Engineering, Bioacoustics Laboratory.....	22 166
805 South Lincoln Avenue, remodeling.....	1 551
Library, lighting improvements.....	1 455
Minor improvements.....	3 597

Nursery relocation.....	514		
Parking facilities.....	2 476		
Remodeling and minor additions, unassigned.....	15 521		
University Press Building.....	764	860	229
<i>Total, Urbana-Champaign</i>		(1 309 881)	
<i>Chicago Professional Colleges</i>			
General administration and expense.....	15 947		
Estimates and alterations.....	1 040		
Business office manual.....	500	1 540	17 487
Medicine.....			35 216
Dentistry.....			2 547 ¹
Pharmacy.....			1 966
Graduate College.....			36 161
College of Nursing.....			1 033
Broadcasting.....			573
Division of Services for Crippled Children.....			99
Physical Education.....			635
Aeromedical Laboratory.....			1 578 ¹
Research and Educational Hospitals.....			71 160
Library.....			4 009 ¹
Physical Plant			
Regular operation and maintenance.....	43 147		
Renewals and replacements.....	45 000		
Medical Center Steam Plant.....	60 496	148 643	
Unexpended plant			
Nonacademic Personnel, equipment.....	950		
Admissions and Records, equipment.....	790		
Physiology and Pharmacology, equipment.....	25 100		
Anatomy, microscopes.....	2 320		
Dentistry, X-ray machines.....	2 407		
Pharmacy, equipment.....	6 098		
Physiology and Pharmacology, equipment.....	979		
Radiology, equipment.....	48 840		
Radiology and Anesthesiology, equipment.....	2 961		
Architectural studies for future buildings.....	18 768		
Room 409-A, pharmacology, remodeling.....	1 875		
Anatomy, semipermanent remodeling.....	978		
Electrical service improvements.....	1 449		
Physiology, fume hood installation.....	18 718		
Union Building, establishment of snack kitchen.....	2 320		
Room 219-W, remodeling.....	740		
Band Room, rehabilitation.....	2 000		
Medical Research Laboratory, installation of vacuum bottle units.....	750		
Room 219-W, remodeling and modernizing.....	185		
Ophthalmology, remodeling.....	30 000		
Pharmacy, classroom conversion.....	10 000		
Minor estimating.....	21 ¹		
Medical Research Laboratory, remodeling.....	10 000		
Dental Clinics, remodeling.....	16 500		
Rooms 907 and 908, installation of lines.....	475		
Room 314, installation of 200-volt outlet.....	500		
Research and Educational Hospitals, security screens, installation.....	285		
Room 404, installation of barriers.....	500		
Water still, installation.....	243		
Control device on microphone, installation.....	200		
Room 104-A, installation of partitions.....	460		
X-ray viewer box, installation.....	325		
Room 209, alterations.....	273		
Room 563, remove sink and repair floor.....	320		
Room 219, installation of chalk board.....	485		
Rooms 686, 971, and 1065, installation of brackets.....	450		

Rooms 306, 320, and 550, remodeling.....	350		
Room 806, lighting improvement.....	500		
Hospital, third floor, lighting improvement.....	500		
Room 336, installation of ice machine.....	300		
Room 809-N, lighting improvement.....	450		
Room 809-S, lighting improvement.....	700		
Rooms 404, 423, 504, and 523, lighting.....	1 100		
Room 220, outlet installation.....	165		
Sound-proof broadcasting room.....	480		
Neuropsychiatric Institute, room 4-S, lighting improvement.....	460		
Room 562, installation of sink.....	250		
Transformer for therapy.....	480		
Room 534, fluorescent lighting.....	475		
Building 911, partition corridor.....	225		
Physiology, installation of chalk boards.....	340		
Union Building, sound system.....	1 276	217	274
<i>Total, Chicago Professional Colleges.....</i>		(522	113)
<i>Chicago Undergraduate Division</i>			
General administration and expense.....	1 468		
Radioisotope Laboratory.....	3 198		
Auditorium, expense.....	865		
Summer television.....	2 321 ¹	1 542	3 010
Liberal Arts and Sciences.....			1 695
Engineering.....			1 505 ¹
Graduate College.....			2 188
Commerce and Business Administration.....			271 ¹
Physical Education.....			227 ¹
Armed Forces.....			573
Library.....			98
<i>Physical Plant</i>			
Regular operation and maintenance.....	7 643		
Renewals and replacements.....	2 514		
Building rentals and insurance.....	3 007	13 164	
<i>Unexpended plant</i>			
Admissions and Records, special equipment.....	1 363		
Room 350, remodeling.....	94		
Lecture room, remodeling.....	13 000		
Engineering, remodeling.....	2 073		
Biological Laboratory, remodeling.....	5 900	22 430	
<i>Total, Chicago Undergraduate Division.....</i>		(41	155)
<i>Grand Total.....</i>		\$1 873	149

On motion of Mr. Swain, these reappropriations were made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

APPROPRIATION FOR MICROSCOPES

(13) The Vice-President and Provost and the Vice-President and Comptroller recommend an appropriation of \$5,900 for the purchase of thirty microscopes to be added to the microscope rental pool of the Chicago Professional Colleges.

I concur.

On motion of Mr. Herrick, this appropriation was made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

LEASE OF BUILDING FROM CHICAGO BOARD OF EDUCATION

(14) Representatives of the University have been negotiating for the acquisition by the University of an eight-story warehouse at 815-41 South Damen Avenue in

¹ Deduct.

the Medical Center District owned by the Board of Education of the city of Chicago. The Board of Education is interested in disposing of this building, and the University could use it as a Physical Plant Department service building. Agreement on a price has not been reached; and moreover neither the University nor the Medical Center Commission has funds at present for the purchase.

The Board of Education is willing to lease the warehouse to the University at a rental of \$6,000 a year with provision in the lease that the rental paid shall apply on the purchase price of the property if it is eventually purchased by the University or the Medical Center Commission. In the meantime, while negotiations as to the purchase price and terms are being conducted, and until funds for the purchase are available, it would be an advantage to the University to have the use of the building for general storage and certain Physical Plant shop operations.

Funds are available in the Physical Plant operating budget for payment of the rental.

The Director of the Physical Plant, the Acting Vice-President in charge of the Chicago Professional Colleges, and the Vice-President and Comptroller recommend, and I concur, that the Board authorize negotiation and execution of a lease with the Board of Education for this warehouse at an annual rental of \$6,000 with the provision in the lease that the rentals paid shall apply on the purchase price of the property.

On motion of Mrs. Watkins, this lease, as recommended, was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

CONTRACT FOR INSTALLATION OF ELECTROSTATIC AIR FILTERS FOR LAUNDRY BUILDING, CHICAGO PROFESSIONAL COLLEGES

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$8,745 to the Moto Ventilating Company, Chicago, the lowest bidder, for installation of electrostatic air filters in the new Chicago Professional Colleges Laundry Building at 925 South Damen Avenue, Chicago.

These filters will increase the cleanliness of the air, will reduce the labor of cleaning surfaces, and will improve the quality of the work processed. The Laundry was designed to include this installation, but bids on the filters were not taken until it could be determined that sufficient funds are available in the construction budget for the Laundry Building.

I concur.

On motion of Mr. Clement, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

CONTRACTS FOR LABORATORY EQUIPMENT AT CHICAGO PROFESSIONAL COLLEGES

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for furnishing and installing laboratory furniture and equipment, the award in each case being to the lowest bidder:

Walrus Manufacturing Company, Decatur.....	\$2 712 55
For manufacture and installation of laboratory furniture for a new laboratory in room 409 of the first unit of the Dentistry-Medicine-Pharmacy Building.	
J. J. Lane Equipment Company, Chicago.....	4 279 15
Furnishing and installing laboratory furniture in nine rooms of the Research and Educational Hospitals which are being remodeled for the Ophthalmology Clinic.	
J. J. Lane Equipment Company, Chicago.....	3 331 30
Furnishing and installing laboratory furniture in four rooms in the second unit of the Dentistry-Medicine-Pharmacy Building which are being remodeled for the Dental Clinics.	

Funds are available for all these contracts.

I concur.

On motion of Mr. Harewood, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

CONTRACT FOR ROOF REPAIR AT CHICAGO PROFESSIONAL COLLEGES

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$3,125 to the Pine Building Maintenance Company, Chicago, Illinois, for repair of the Betatron roof at the Chicago Professional Colleges. The work will consist of furnishing and installing a water-proof membrane and traffic course on the concrete slab covering the Betatron area. There has been difficulty with water seepage through this concrete slab, and all conventional means of repair have been unsuccessful. The repair process is recommended by the Tremco Manufacturing Company, manufacturer of the products to be used, and the installation will be under its supervision.

Funds for this work are available in the Physical Plant Department budget.

I concur.

On motion of Mr. Hughes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

CONTRACTS FOR CONSTRUCTION OF ZOONOSIS LABORATORY BUILDING AND EXTENSION OF UTILITIES TO THE BUILDING

(18) On recommendation of the Director of the Physical Plant and the Vice-President and Comptroller, with the concurrence of the Vice-President and Provost acting for the President, the Executive Committee of the Board approved awards of contracts as follows for the construction of a Zoonosis Laboratory for the College of Veterinary Medicine, and for extension of utilities to the building, the award in each case being to the lowest bidder:

Zoonosis Laboratory

General—English Brothers Company, Champaign.....	\$116 600
(Base bid of \$136,600, less deductive alternate of \$20,000 for substitution of "Liquid Tile" surfacing material for glazed tile.)	
Electrical—Neal Morton Electric, Champaign.....	15 803
Plumbing—David W. Reichard Plumbing and Heating, Urbana.....	25 600
Heating—Reliable Plumbing and Heating Company, Champaign.....	42 888
Ventilating—Moutefusco Heating and Sheet Metal Company, Peoria....	15 422

Extension of Utilities

Water Main Extension—Cross Construction Company, Urbana.....	\$ 3 448
Extension of Electric Service—Square Deal Electrical Contracting, Inc., LaPorte, Indiana.....	12 866
Piping System for Extension of Steam Service—Ideal Heating Company, Chicago	22 777

Funds are available in a grant from the National Institutes of Health and matching funds in the state capital appropriations to the University for 1959-61.

Confirmation of this action is requested.

On motion of Mr. Herrick, the action of the Executive Committee was confirmed by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

CONTRACT FOR CONSTRUCTION OF COOLING TOWER FOR POWER PLANT ADDITION

(19) On recommendation of the Director of the Physical Plant and the Vice-President and Comptroller, and with the concurrence of the Vice-President and

Provost acting for the President, the Executive Committee of the Board approved the award of a contract for \$41,444 to the Ideal Heating Company, Chicago, the lowest bidder, for piping and miscellaneous work in the construction of a cooling tower for an addition to the Abbott Power Plant. Funds are available in the state capital appropriations for 1959-61.

Confirmation of this action is requested.

On motion of Mrs. Watkins, the action of the Executive Committee was confirmed by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

CONTRACTS FOR DIVERSION AND EXTENSION OF UTILITIES TO SERVICE ILLINI UNION BUILDING ADDITION

(20) On recommendation of the Director of the Physical Plant and the Vice-President and Comptroller, and with the concurrence of the President of the University, the Executive Committee has authorized awards of contracts for the diversion and extension of steam lines, electrical lines, sanitary sewers, and water mains to service the Illini Union Building addition, and other buildings, as follows, the award in each case being to the lowest bidder:

Construction of Underground Steam Tunnel (Division "JJ") — Parro Construction Corporation, Urbana		
Base bid	\$129 500	
Additive alternate	39 500	\$169 000
Plumbing for Underground Steam Tunnel (Division "KK") — Bellis and Miller, Inc., Champaign		
Base bid	\$ 14 994	
Additive alternate	2 583	17 577
Piping System (Division "HH") — Robert Gordon, Inc., Chicago		
Base bid	\$ 73 778	
Additive alternate	13 561	87 339
Thermal Insulation for Piping in Underground Steam Tunnel (Division "II") — Midwest Insulation Company, Metropolis		
Base bid	\$ 9 997	
Additive alternate	2 762	12 759
Electrical Work for Construction of Underground Steam Tunnel and Extension of Electric Conduits, including cable (Division "CC") — Harrison F. Blades, Inc., Decatur		
Base bid	\$ 50 357	
Additive alternate	1 398	51 755
The additive alternate in each case provides for the extension of the underground steam tunnel from the Administration Building junction west to Wright Street for future connection to the Wright Street tunnel.		
Construction of Sanitary Sewers — Cross Construction Company, Urbana		
Base bid	\$ 45 900	
Deductive alternate	500	45 400
The deductive alternate is for the omission of a drop manhole.		
Construction of Water Mains — Cross Construction Company, Urbana		
Base bid	14 490	
Total	\$398 320	

Attached is a report from the Physical Plant Department on this project including schedules of all bids received.

The cost of this construction is within the presently estimated total cost of \$480,000 for this project, of which \$80,000 will be provided from state capital appropriations. The balance of \$400,000 will be temporarily financed from Illini Union reserves and housing operation surpluses and ultimately will be charged to the cost of construction of the Illini Union addition, and the advances of funds will be repaid from the proceeds of the bond issue to finance the Illini Union addition.

Completion of construction of the utilities diversion and extension will control the start of the Illini Union addition, and to save time during the period of good construction weather, it was desirable to have these contracts authorized as soon as possible.

Confirmation of this action is requested, and I also recommend that the Board authorize the assignments of funds indicated above.

On motion of Mr. Swain, the action of the Committee awarding the contracts was confirmed, and the assignments of funds recommended was approved by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

"EXCESS FACILITIES" AGREEMENT WITH COMMONWEALTH EDISON COMPANY

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of an "excess facilities" agreement with the Commonwealth Edison Company, Chicago, at a cost of \$18,316, for electrical work being done at the Chicago Professional Colleges.

Contractors have started construction on a vault for 12,000-volt electrical service for the Dentistry-Medicine-Pharmacy Buildings and a portion of the Research and Educational Hospitals to replace the present overloaded and obsolete 4,000-volt vault now serving these buildings. A part of the work involved in this project is the bringing in of 12,000-volt electrical service from Edison Company's Hermitage Avenue substation. In addition, the Commonwealth Edison Company will furnish and set their transformers in the University vault and will do all bus and cable work in the Edison side of the vault. The Company will also be responsible for the installation of the 12,000-volt cables and conduit on University property in connection with providing the 12,000-volt service to the new vault.

The work to be done by the Edison Company is termed "excess facilities," and allows for reduction in the monthly billing for electrical services. This method of installation of Edison services for the Chicago Professional Colleges is in accordance with the "Report on Electrical Distribution System, Chicago Professional Campus" dated May 3, 1950, and follows the plan authorized by the Board of Trustees on July 25, 1950.

Provision for this work has been included in the construction budget for the 12,000-volt vault.

I concur.

On motion of Mr. Herrick, this recommendation was approved.

AMENDMENT OF CONTRACT FOR STEAM SERVICE TO CHICAGO FOUNDLINGS HOME

(22) The Medical Center Steam Company supplies steam to the Chicago Foundlings Home in the Medical Center District under a contract approved by the Board of Trustees on July 29, 1959.

The contract now calls for the maximum steam demand of 4,000 pounds an hour. Experience during the 1959-60 heating season indicates that the maximum amount of steam required by the Foundlings Home is not likely to exceed 2,000 pounds an hour and the latter has requested that the contract be amended accordingly. It is to the University's advantage to have steam contracts such as this based on a realistic maximum demand, and is also advantageous to the consumer, since payments made are based upon calculations involving the maximum demand.

The Director of the Physical Plant, the Vice-President and Comptroller, and the Acting Vice-President in charge of the Chicago Professional Colleges recommend amendment of the contract to reduce the maximum steam demand from 4,000 pounds an hour to 2,000 pounds an hour.

I concur.

On motion of Mrs. Watkins, this amendment of the contract was authorized.

FORD FOUNDATION GRANT FOR DEVELOPMENT OF A TRAINING PROGRAM FOR SERVICE TO ILLINOIS COMMUNITIES

(23) The Ford Foundation has approved a grant of \$125,000 to the University of Illinois for a project to help define the University's role in meeting urban problems and to develop a training program for service to Illinois' rapidly urbanizing communities. Under the project, three specific activities will be undertaken: (1) examination of new ways in which the University might serve the state's urban areas; (2) training of a small corps of "urban generalists" competent in a variety of fields that touch on urban life; and (3) direct University assistance to several selected Illinois communities, each of which will have a staff member assigned to the study of its problems. The staff for this project will be chosen from a variety of disciplines and will represent the University's principal research institutes and divisions.

The grant has been accepted with an appropriate expression of appreciation on behalf of the Board of Trustees and other University officials and is being reported for official record.

There has been established in the Office of the Provost the Office of Community Development to administer the program of urban development to be financed by this grant. Professor L. B. Wetmore, Head of the Department of City Planning and Landscape Architecture, will serve as Acting Director of the Office of Community Development for the academic year 1960-61.¹ The principal task of this office during the year will be the selection of a permanent director, planning the program to be conducted during the biennium of 1961-63, and developing recommendations for the organizational relationships between the Office of Community Development and other University agencies.

On motion of Mr. Swain, this report was received for record, and the action taken was confirmed.

SALE OF SECURITIES

(24) Adoption of the following resolution authorizing the sale of securities representing investments of University trust funds is requested with the concurrence of the Finance Committee:

WHEREAS, The Board of Trustees of the University of Illinois is the owner of the following stocks:

- 340 shares Allis-Chalmers common stock
- 18 American Smelting and Refining 7 per cent preferred
- 22 American Tobacco 6 per cent preferred
- 300 Kimberly Clark common
- 100 Minneapolis-Honeywell common
- 600 Southern Natural Gas common
- 4 Standard Oil Company of New Jersey common
- 15 United States Steel 7 per cent preferred, and

WHEREAS, the Finance Committee of said Board has determined that it is advantageous to sell the above listed securities.

Now, Therefore, Be It Resolved by The Board of Trustees of the University of Illinois that these securities be sold and that H. O. Farber, Comptroller, and A. J. Janata, Secretary, be authorized to execute all documents necessary to complete such sale.

On motion of Mr. Swain, the foregoing resolution was adopted.

PURCHASES**Purchases Authorized**

(25) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase was recommended on the basis of the lowest acceptable bid.

¹ Other members of the Executive Committee for the Office will be: Associate Director J. B. Claar of the Extension Service in Agriculture and Home Economics; Dean Stanley C. Robinson of the Division of University Extension; Director R. G. Seymour of the Executive Development Center; and Director G. Y. Steiner of the Institute of Government and Public Affairs.

Urbana-Champaign Departments

Item	Department	Vendor	Cost
5,750 diploma covers	Admissions and Records	W. M. Welch Manufacturing Co., Chicago	\$9 027 50 f.o.b. delivered
20.96 tons diammonium phosphate	Agricultural Economics	Tennessee Valley Authority, Knoxville, Tenn.	3 677 29 f.o.b. Sheffield, Ala.
25.50 tons ammonium nitrate			
2.12 tons superphosphate			
Furnish and spread approximately 20,000 gal. No. 3 road oil at Robert Allerton Park, Monticello	Extension Service in Agriculture and Home Economics, Robert Allerton Park	The Earl Walker Co., Inc., Sullivan	2 600 00 f.o.b. job site
1,000,000 No. 9 printed envelopes	Extension Service in Agriculture and Home Economics	The Wolf Envelope Co., Cleveland, Ohio	2 850 00 f.o.b. Cleveland, Ohio
Production of approximately 16,000 ft. of film for the University of Illinois Arithmetic Project in accordance with a contract with the National Science Foundation	Arithmetic Project	Educational Services, Inc., Watertown, Mass.	36 225 00
One bakeable residual gas analyzer, with bakeable diatron envelope, magnet, magnet bracket, and d.c. amplifier	Coordinated Science Laboratory	Consolidated Electrodynamics Corp., Chicago	4 150 00 f.o.b. Pasadena, Calif.
One digital computer transistorized, rack mounting, with an internal store of at least 1,800 words no smaller than 20 bits plus sign, 15 microsecond add time and 300 microsecond multiply or divide time, and three additional multiword memory lines	Electrical Engineering	Packard Bell Computer Corp., Los Angeles, Calif.	33 600 00 f.o.b. Los Angeles, Calif.
Repair parts for three Bradford metal master lathes	Electrical Engineering	Bradford Machine Tool Co., Lansing, Mich.	5 322 00 f.o.b. delivered
Laboratory chemicals to be used as stock in General Chemical Stores for fall and winter term of 1960-61	General Chemical Stores	J. T. Baker Chemical Co., Chicago	5 533 89
		Mallinckrodt Chemical Works, St. Louis, Mo.	4 818 07
		Fisher Scientific Co., Chicago	4 416 68
		General Chemical Division, Allied Chemical Corp., Chicago	3 457 15
		Schaar & Co., Chicago	481 00
		Merck & Co., Inc., Rahway, N.J.	378 48
		Arthur S. LaFine & Co., Chicago	273 20
17 videotapes, 60 min. each (4,800 ft.)	Office of Instructional Television	National Educational Television and Radio Center, New York, N.Y.	3 882 97 f.o.b. delivered
90 microscopes, laboratory, 3 achromatic objective, 10X, 43X, 97X (oil), 10X hygienian eyepiece, ungraduated mechanical stage, Abbe condenser, substage illuminator, 220 volt 50 cycle, with wooden cabinet, export packed	International Cooperation Administration	Kern Laboratory Supply Co., Los Angeles, Calif.	11 421 90 f.o.b. Tokyo, Japan
One bell jar vacuum coating assembly including chamber, evaporator, vacuum system, and accessories	Physics	Consolidated Vacuum Corp., Chicago	4 563 50 f.o.b. destination
5,000 reams 8 1/4 x 11 20 lb. white No. 4 sulphite mimeograph paper	Office Supply Store	Maginn Office Equipment Co., Champaign	3 730 00 f.o.b. delivered
57 portable bicycle racks, galvanized steel, single face and double face in various lengths from 5 ft. to 20 ft.	Physical Plant Storeroom	Standard Playground Equipment Co., Inc., Anderson, Ind.	3 589 10 f.o.b. delivered
Furnish and install 170 gymnasium basket racks complete with baskets in the west ground floor and first floor locker rooms of the Men's Old Gymnasium	Physical Plant	W. M. Putnam Co., Bloomington	10 174 50 f.o.b. delivered and installed
Two 1960 trucks, cab and chassis only, 24,000 lb. g.v.w., less trade-in allowance for No. 206 and 207, 1953 Ford trucks, cab and chassis only, and vehicle No. 774, a 1946 Ford stake truck	Physical Plant	International Harvester Co., Springfield	7 575 00 f.o.b. Urbana

Item	Department	Vendor	Cost
Two transit type buses with hydraulic lift in front door and other special adaptations for use by wheel chair students	Student Rehabilitation Center	Marmon-Herrington Co., Inc., Indianapolis, Ind.	\$21 300 00 f.o.b. Indianapolis, Ind.

Chicago Colleges and Divisions

87 wood textbook shelving units for self-service bookstore	Bookstore, Undergraduate Division	Henry Berry Associates, Inc., Milwaukee, Wis.	4 308 90 delivered
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On motion of Mr. Johnston, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Urbana-Champaign Departments

Item	Department	Vendor	Cost
25,000 copies <i>Illinois Farm Record Book</i> , Part I, size 8½ in. x 10¾ in., approximately 48 pages, plus cover	Agricultural Economics	Interstate Printers & Publishers, Inc., Danville	\$4 159 95 f.o.b. delivered
Contract services for six months of Shawnee Farm Bureau Farm Management Association (renewal of service authorized by Board on April 20, 1960)	Agricultural Economics	Shawnee Farm Bureau Farm Management Association, Johnston City	2 600 00
One plant environment growth room, 9 ft. x 6 ft. x 8 ft., 3,000 ft. candles of light at 36 in., walk in complete with movable work bench, 220 volt 60 cycle	Agronomy	Labline, Inc., Chicago	4 850 00 f.o.b. delivered
One machine shed, 30 ft. x 90 ft. to be delivered and erected at Elwood, Illinois, Experiment Area	Agronomy	Bryant Aluminum Builders, Inc., Plainfield	4 781 00 f.o.b. delivered and erected
Lounge furniture for Fine and Applied Arts Building	Art	Marshall Field & Co., Chicago	6 009 51 f.o.b. Urbana
44 drafting tables, 66 in. long x 35 in. deep x 35¼ in. high	Art	Backus Bros. Co., Cincinnati, Ohio	5 060 00 f.o.b. Urbana
One kiln, shuttle type, 36 in. x 72 in. x 49 in. inside, 9 in. fire brick insulation, electric to operate on 220 volt, 30 KVA, complete with transformer and recording potentiometer, range to 2300° F	Art	Harrop Ceramic Service Co., Columbus, Ohio	9 690 00 f.o.b. delivered
Print and bind 7,000 copies of <i>Vocational and Technical Education in Illinois</i> , by Professor W. P. McLure	Bureau of Educational Research	George Banta Co., Inc., Menasha, Wis.	3 261 30 f.o.b. delivered
One X-ray diffractometer consisting of X-ray generator and control 60 KVP-50MA current stabilizer, voltage stabilizer, diffraction tube, linear amplifier, circuit panel, special brown recorder, proportional counter attachment, X-ray diffractometer attachment, track and bracket assembly, plus following accessories: vacuum spectrographic attachment, FA-60 tube, wide range goniometer attachment, cabinet, analyzing crystals, scintillation counter attachment, and rotating flat specimen holder	Ceramic Engineering	Philips Electronic Instruments, Chicago	24 015 00 f.o.b. delivered
One spectrophotometer, direct reading 200 to 2500 mμ., built-in microscale, monochromator, lamp housing, power supply, sample changer, with light source mounted on the optical bench, 115 volts 60 cycle, complete with accessories	Chemistry and Chemical Engineering	W. H. Kessel & Co., Chicago	4 199 00 f.o.b. delivered

Item	Department	Vendor	Cost
One Tektronix model 555 dual beam oscilloscope	Chemistry and Chemical Engineering	Tektronix, Inc., Park Ridge	\$3 670 25 f.o.b. Portland, Ore.
Two "L" and one "E" plug-in preamplifiers			
One scopemobile plus fan kit			
One No. 16 power cord			
One DPS2 plate connector			
One viewing hood			
Two terminating resistors			
One No. 181 time mark generator			
One "P" plug-in unit			
One EP53A gain set adapter			
One alignment tool kit			
Accessories for Varian electron spin resonance spectrometer including: liquid nitrogen dewar insert, variable temperature accessories, aqueous solution sample cell, 100 Kc field modulation and control unit multipurpose EPR cavity, waveguide bend, and modification equipment, plus services of Varian service engineer to install modification equipment	Chemistry and Chemical Engineering	Varian Associates, Palo Alto, Calif.	7 622 16 f.o.b. Palo Alto, Calif.
One lot laboratory equipment for use in soil testing	Civil Engineering	Solltest Inc., Chicago	2 672 90 f.o.b. delivered
One three-ton capacity motor driven crane with enclosed gearing	Civil Engineering	Abell-Howe Co., Forest Park	4 080 00 f.o.b. delivered
One three-ton capacity electric hoist			
One high-speed, 10-in., precision tool-room lathe complete with motor, controls, and accessories	Coordinated Science Laboratory	Hardinge Bros., Inc., Chicago	6 713 00 f.o.b. delivered
15 valves, ultra-high vacuum, with 14 O.D. pyrex with two pyrex bellows	Coordinated Science Laboratory	Granville-Phillips Co., Pullman, Wash.	3 938 25 f.o.b. delivered
15 valve bodies, for ultra-high vacuum, with pyrex tubulation			
One 6 in. x 18 in. surface grinder, hydraulic and manual operation complete with motor, controls, magnetic chuck, flood and through-the-wheel cooling, grinding wheel, and wheel-dressing diamond	Coordinated Science Laboratory	DoALL Rockford Co., Rockford	5 732 93 f.o.b. delivered
One rotating 12-in. electromagnet with one pair 3-in. air-gap cylindrical pole caps and one pair each 2-in. air-gap and 1 1/4-in. air-gap elongated 3-in. tapered pole caps	Electrical Engineering	Varian Associates, Palo Alto, Calif.	21 595 00 f.o.b. delivered
One regulated magnet power supply			
One voltage regulator			
One type XVD times-ten frequency multiplier and amplifier	Electrical Engineering	Rohde & Schwarz Sales Co., Inc., Passaic, N.J.	7 919 80 f.o.b. delivered
One type XUA frequency synthesizer, 30 cps to 30 mc frequency range			
One Tektronix model 555 dual-beam oscilloscope	Electrical Engineering	Tektronix, Inc., Park Ridge	4 240 00 f.o.b. Portland, Ore.
One 500/53A scopemobile			
Two "CA" preamplifiers			
One "D" preamplifier			
Two "L" preamplifiers			
One each 123 and 121A preamplifiers			
One klystron tube to operate over a tunable 10 KMc range between limits of 85 KMc and 105 KMc and to have a power output of 50 mw somewhere in the range, and with power output of 40 mw at some frequency over 90 KMc	Electrical Engineering	Raytheon Co., Franklin Park	3 150 00 f.o.b. Waltham, Mass.
One square-wave electromagnetic flow-meter for monitoring blood flow in vessels and tubes	Electrical Engineering	Carolina Medical Electronics, Inc., Winston-Salem, N.C.	4 125 00 f.o.b. delivered
Two electromagnetic probes, extra corporeal type to fit 1/4-in. I.D. tubing			
One each EMP-100 probes lumen circumference 60 mm. and 40 mm.			
Special fuel elements for Triga Mark II reactor to provide for operation as a pulsed research reactor; special high speed control rod and drive mechanism, thermocoupled fuel elements, and special instrumentation	Engineering Experiment Station	General Atomic Division, General Dynamics Corp., San Diego, Calif.	40 000 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One gas chromatograph, range to 240° C. (-.01°C), 3/4-in. columns, for large quantity and preparative work	Food Technology	E. H. Sargent & Co., Chicago	\$ 3 927 00 f.o.b. delivered
One recorder, potentiometer, 1 mv., 1 sec. pen with disc integrator			
One spectrophotometer, model DU with flame accessories	General Chemical Stores	E. H. Sargent & Co., Chicago	4 028 00 f.o.b. delivered
One balance, analytical, 200-gm., 1/10-mg. sensitivity, with damper			
One lot assorted laboratory supplies			
One lot laboratory equipment and supplies	General Chemical Stores	Schaar & Co., Chicago	3 651 13 f.o.b. delivered
Collection of 1200 Confederate imprints and 900 Civil War publications	Library	Richard Harwell, Chicago	18 000 00
One centrifuge, refrigerated high speed (17,000 rpm.), large capacity, with two rotors and accessories	Microbiology	Ivan Sorvall, Inc., Norwalk, Conn.	3 031 35 f.o.b. delivered
Construction of circuitry to add paper tape reader and punch unit to specially adapted mnac typing Synrotape typewriter and testing this equipment	Music	Music Print Corp., Boulder, Colo.	3 570 27 f.o.b. delivered
One 12-in. electromagnet with special tapered pole caps, 2 1/2-in. air gap to achieve a field strength of 15,000 gauss, with approximately 90 per cent homogeneity over a 3-in. diameter medical plane area	Mining and Metallurgical Engineering	Varian Associates, Instrument Division, Palo Alto, Calif.	15 340 00 f.o.b. Palo Alto, Calif.
One regulated magnet power supply			
One zone melting apparatus (bench model) and three Vycor tubes, 36 in. x 2 in. diameter	Physics	MRC Manufacturing Corp., Yonkers, N.Y.	2 791 00 f.o.b. delivered
Five automatic electric rotary calculators, less trade-in allowance for two calculators	Psychology	Monroe Calculating Machine Co., Inc., Champaign	3 600 00 f.o.b. delivered
100 reams 32 in. x 44 in. 119 lb. enamel book paper	Office Supply Store	McIntosh Paper Co., Chicago	2 766 75 f.o.b. delivered
One Ampex model 3201-C master tape duplicator	Radio Station WILL	Newark Electronics Corp., Chicago	8 657 00 f.o.b. delivered
Two model 3202-C slave tape duplicators			
One catalog No. 6878 standard and alignment tape			
Print and bind 2,000 copies of <i>Freedom and Communications</i> , by Dan Lacy, approximately 128 pages per copy	University Press	American Book-Stratford Press, Inc., Chicago	2 554 65 f.o.b. delivered
One straddle type electric fork truck, 3,000 lb. capacity to operate in 6 ft. wide stacking aisle	Housing Division (Central Food Stores)	H. W. Carpenter Co., Peoria	6 745 00 f.o.b. delivered
28 mobile delivery cabinets, 70 in. high x 20 3/4 in. wide x 27 1/4 in. deep, constructed of extended aluminum	Housing Division (Residence Halls)	Twin City Equipment Co., Champaign	5 012 00 f.o.b. delivered
Lounge furniture for Peabody Drive Residence Halls for Men	Housing Division (Residence Halls)	L. B. Herbst Corp., Chicago	29 099 17 f.o.b.
		Rochelle's, Inc., Chicago	12 346 65
		Weger Institutional Designs, Lansing, Mich.	635 75 (42 081 57) f.o.b. Urbana
Furnish and install guided Venetian blinds on all windows in 26 rooms of the Fine and Applied Arts Building	Physical Plant	Mackin Venetian Blind Co., Momence	4 616 82 f.o.b. delivered and installed
Three power transformers, open, dry type, 167 KVA, 4160/7200 V volts	Physical Plant	Springfield Electric Supply Co., Urbana	4 011 00 f.o.b. delivered
One refuse container, 30 cu. yd. capacity, for use with "Huge Hau" refuse disposal equipment operated by the Physical Plant	Physical Plant Storeroom	Coleman & Associates, Rockford	2 773 40 f.o.b. delivered
40,679 lb. schedule 40 pipe, black and galvanized	Physical Plant	Booth & Thomas, Inc., Springfield	4 414 94 f.o.b. delivered
40,000 lb. soft white lead paste, federal specifications TT-W-215-B, type C, in 100-lb. kegs	Physical Plant Storeroom	National Lead Co., Chicago	7 300 00 f.o.b. delivered

Item	Department	Vendor	Cost
Approximately 400 tons of cold mix, cold lay, plant mix asphaltic concrete for maintenance patching of asphalt pavements as required for period of September 1, 1960, through June 30, 1961	Physical Plant Storeroom	Material Service Division, General Dynamics Corp., Chicago	\$4 080 00 f.o.b. delivered

Chicago Colleges and Divisions

634 cases of paper containers and paper specialties to be ordered as needed during the period October 1, 1960, through September 30, 1961	General Stores, Undergraduate Division	The Paper Service Co., Chicago	7 995 25 delivered
34 pieces of wood bookstore fixtures	Bookstore, Undergraduate Division	Watson Store Fixture Co., Fremont, Neb.	8 174 50 f.o.b. delivered
One spectrophotometer	Anatomy	E. H. Sargent & Co., Chicago	2 995 00 delivered
One refrigerated centrifuge	Biochemistry	Ivan Sorvall, Inc., Norwalk, Conn.	2 500 00 delivered
One spectrophotometer and accessories	Medicine	Scientific Products, Evanston	3 123 00 delivered
One electrophoresis apparatus	Medicine	Perkin-Elmer Corp., Norwalk, Conn.	3 450 00 delivered
One automatic blood pressure recorder	Preventive Medicine	Elmac Engineering Co., Chicago	2 575 00 f.o.b. Oberlin, Ohio
Miscellaneous items of laboratory supplies and reagent chemicals, covering annual requirements for shelf stock and student kits	Pharmacy	Fisher Scientific Co., Chicago	3 649 93 delivered
20,000 tetracycline V capsules, 250 mg. (three months supply)	Pharmacy	Charles F. Pfizer & Co., Chicago	3 622 00 delivered
20,000 chloramphenicol capsules, 250 mg. (three months supply)	Pharmacy	Parke-Davis & Co., Skokie	5 100 00 delivered
40,000 tolbutamide tablets, 0.5 gm. (three months supply)	Pharmacy	Upjohn Co., Chicago	3 336 00 delivered
Two 500 MA radiographic controls with transformers and moving and re-installation of a 500 MA unit	Radiology	Winfield, Inc., Chicago Controls and trans- formers Mattern X-Ray Sales, Harwood Heights, Moving and re-installation	8 820 00 delivered 439 00
Isotope equipment consisting of a dual detection and recording system	Radiology	Picker X-Ray Corp., Chicago	5 195 00 delivered
Physiologic monitor for respiratory studies	Research and Educational Hospitals	Sanborn Co., Chicago	9 610 00 f.o.b. Waltham, Mass.
Two operating tables and accessories	Research and Educational Hospitals	American Sterilizer Co., Chicago	5 788 00 f.o.b. Erie, Pa.
21,000 patient charts 21,000 admission cards	Research and Educational Hospitals	Reliable Stationery Co., Chicago	3 879 75
Laboratory model oxygenator for use in open-heart surgery	Surgery	John H. Nelson Co., Inc., Chicago	2 856 00 net delivered
66 dozen twin size bedspreads	Housing Division	Haag Bros., Skokie	2 854 08 delivered
40 medical microscopes, less trade-in allowance for 10 used microscopes	Student Supply Store	Scientific Products Division, Evanston	10 621 50 delivered

On motion of Mr. Johnston, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(26) The Comptroller's report of contracts executed during the period July 1 to August 31, 1960.

With Whom	Purpose	Amount to be Paid to the University	Effective Date
Commonwealth Edison Co.	Estimated heat loss and estimated consumption of electrical energy in electrically heated houses	\$ 8 000 00	August 3, 1960

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Illinois Agricultural Association	Quality of dairy products	\$ 2 000 00	August 16, 1960
Illinois Department of Conservation	Wildlife research studies	89 000 00	June 30, 1960
Lumber Dealers Research Council	Design certain new components for residential construction	4 500 00	July 22, 1960
National Steel Corp.	Fatigue behavior of welded joints in N-A-XTRA high strength steels	20 000 00	June 21, 1960
State of Illinois, Department of Public Welfare, Project No. 1704	Electrophysiology of the eyes and brain	15 385 59	June 7, 1960
State of Illinois, Department of Public Welfare, Project No. 1766	Educability of psycholinguistic functions in young retarded children	19 459 00	June 15, 1960
United States Air Force AF-AFOSR-60-27	Basic research in materials sciences	155 000 00	June 15, 1960
United States Air Force AF-19(604)-7411	Basic physics of shock wave phenomena	106 372 00	June 15, 1960
United States Air Force AF-29(601)-2876	Effects of dynamic loads on soils and buried structures	35 000 00	June 30, 1960
United States Air Force AF-41(657)-332	Quantitative determinations of gaseous tissue nitrogen in animals exposed to various simulated altitudes	17 658 00	April 13, 1960
United States Army DA-11-022-ORD-3442	Protection against corrosion	28 600 00	June 29, 1960
United States Army DA-11-022-ORD-3467	Mechanical characteristics of polycrystalline NiO	44 195 65	June 25, 1960
United States Army DA-11-022-506-ORD-3488	Problem areas in the field of structural mechanics, aerodynamics, and flight mechanics, incident to the design and analysis of weapons systems	13 248 19	June 30, 1960
United States Army DA-36-039-SC-85173	Exploratory ionospheric research investigations	102 484 00	June 28, 1960
United States Department of Agriculture 12-14-100-4542(61)	Yield and composition of uncured and cured hams from hog carcasses of different fat content	11 107 00	June 23, 1960
United States Department of Health, Education, and Welfare, Office of Education SAE 8829	Counseling and guidance training institute	71 642 00	January 19, 1961
United States Department of Health, Education, and Welfare, Office of Education SAE 8893	Response patterns associated with group counseling	7 564 00	June 22, 1960
United States Department of Health, Education, and Welfare, Office of Education SAE 8894	Changes in schools which do and do not send staff members to training institutes in counseling	14 419 00	June 22, 1960
United States Department of Health, Education, and Welfare, Office of Education SAE 8969	Productive thinking of gifted children	82 368 00	July 25, 1960
United States Department of Health, Education, and Welfare, Office of Education SAE 8994	Improved school adjustment of under-achieving gifted fifth graders	63 364 00	August 1, 1960
United States Department of Health, Education, and Welfare, Public Health Service SAPH 73860	Rheumatic fever through the use of fluorescent antibody technique	2 000 00	April 25, 1960
United States Navy Noar(G)-0008-60	Symposium on the organization of multivariate experiment in the behavioral sciences	4 773 00	April 1, 1960
United States Navy N600(22)55249	Books, nonexpendable supplies, and equipment for training of naval students	1 500 00	June 30, 1960
United States Navy N600(22)55582	Academic instruction	40 000 00	June 30, 1960

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States of America, International Cooperation Administration ICAC-1453	Technical advice and assistance requested by government of India	\$537 000 00	June 30, 1960
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Win Buettgen	Furnishing orchestra for registration dance at Navy Pier on September 23, 1960	\$ 196 00	August 12, 1960
States Attorney of Champaign County	Services rendered in lieu of taxes (properties in Champaign and Urbana)	31 041 64	June 29, 1960
States Attorney of Champaign County	Services rendered in lieu of taxes (Student-Staff Apartments)	6 036 08	June 28, 1960

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Educational Services, Inc.	Rental of premises at 627½ South Wright Street to June 30, 1961	\$ 4 000 00 (\$1,000 quarterly)	June 17, 1960
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Allis-Chalmers Manufacturing Co.	Lease of roto-baler with power take-off attachment	\$ 184 47 annually	July 7, 1960
J. I. Case Co.	Rental of farm machinery, three items: \$63.48 to \$99.60	242 21 annually	June 27, 1960
John Deere Plow Co.	Rental of farm machinery, nineteen items: \$25.00 to \$468.44	2 289 73 annually	June, 1960
Eversman Manufacturing Co.	Lease of 1-2-SD Eversman scraper with attachments	113 50 annually	July 7, 1960
International Harvester Co.	Rental of farm machinery, twelve items: \$4.61 to \$170.37	744 75 annually	May, June, and July, 1960
MacCarthy Ford Tractor Sales, Inc.	Lease of one all-purpose tractor and one heavy duty loader with attachments	386 47 annually	July 1, 1960
Massey-Ferguson, Inc.	Lease of one two-row planter with fertilizer attachment and furrow opener	38 13 annually	February 1, 1960
B. A. Strauch	Rental of premises at 707-709 South Wright Street to June 30, 1961	2 400 00 (\$200.00 per month)	June 7, 1960
University of Illinois Foundation	Rental of property at 805 West Pennsylvania Avenue to June 30, 1961	2 225 00 (\$1,112.50 semi-annually)	August 12, 1960

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Cyanamid Co.	Systemic insecticides for control of insects on wheat	\$ 1 000 00	June 22, 1960
Grace Chemical Co.	Nonprotein nitrogen in sheep nutrition	2 500 00	July 1, 1960
Illinois Archaeological Survey	Preliminary archaeological site examination	350 70	August 8, 1960
Institute of Boiler & Radiator Manufacturers	Performance of steam and hot water heating systems and related equipment	37 000 00	July 1, 1960
Moorman Manufacturing Co.	Nutritional quality of pig starter rations	2 600 00	July 5, 1960
National Aeronautics and Space Administration NSG-13-59	Flow mechanism and heat transfer in separated flows	35 402 00	June 10, 1960
National Aeronautics and Space Administration NSG-24-59	Physical properties of the ionosphere by means of satellite radio transmissions	81 082 00	July 1, 1960
National Lime Association	Prospectus for lime-pozzolan mixtures and lime stabilization of soils	7 500 00	July 1, 1960
People's Gulf Coast Natural Gas Pipeline Co.	Pipe line right-of-way on Allerton Farms	516 30	June 16, 1960

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Charles F. Pfizer & Co., Inc.	Evaluate amino acids, unidentified growth factors, vitamins, and antibiotics in swine	\$ 1 500 00	May 24, 1960
Sandia Corp.	Improvement in present knowledge of strong shock interactions	1 389 00	July 21, 1960
Sandia Corp.	Magnetic throat possibilities and the calorimetry of plasmajets	5 000 00	July 6, 1960
State of Illinois Department of Public Welfare, Project No. 1726	Child behavior and parent-child interaction patterns	2 600 00	June 15, 1960
Tee-Pak Foundation	Various types of films as retardants to deterioration of meat and meat products	3 500 00	April 25, 1960
United States Army DA-36-039 SC-75055	Measurement of intensity of surface precipitation by means of analysis of radar returns	72 633 00	June 22, 1960
United States Army DA-49-007-MD-562	Experimental investigations in medicine	14 019 00	July 1, 1960
United States Atomic Energy Commission AT(11-1)-182	Determine the nature and number of lattice imperfections introduced into crystalline solids by nuclear irradiation at liquid helium temperature	197 402 00	June 20, 1960
United States Department of Health, Education, and Welfare, Office of Education SAE 7257	Logical structures of teaching and the development of critical thinking	250 00	June 30, 1960
United States Department of Health, Education, and Welfare, Office of Education SAE 8141	Surveys and demonstrations in the field of education	250 00	June 30, 1960
United States Department of Health, Education, and Welfare, Office of Education, SAE 8829	Counseling and guidance training institute	1 000 00	June 1, 1960
United States Navy Nour-1834(05)	Nuclear disintegration schemes and nuclear interactions of cosmic rays	1 245 300 00	May 25, 1960
United States Navy Nour-1834(27)	Numerical analysis, switching circuit theory, and the use of computers for the study of computer circuits	29 000 00	July 31, 1960
United States Navy Nour-2947(01)(x)	Unstable fracture in steels	50 000 00	June 20, 1960
United States Navy Nobsr-6471J	Confidential	65 985 00	June 20, 1960
United States Navy Nobs-77137	Evaluate the effects of such factors as weld geometry, undercutting and welding conditions on fatigue behavior of HY-80 steels	56 000 00	June 25, 1960

Adjustments Made in 1959-60 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Harry F. Fisher (Plastering)	Nineteen items: \$976.56 deduct to \$47.23	\$ 1 895 65 (deduct)	June and July, 1960

Adjustments Made in 1960-61 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Forty-one items: \$298.31 deduct to \$4,225.00	\$16 348 33	July and August, 1960

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(27) The Comptroller presented his quarterly report to the Board as of June 30, 1960.

This report was received for record and a copy has been filed with the Secretary of the Board.

EASEMENT ON HARTSBURG EXPERIMENT STATION

(28) The Superintendent of Highways of Logan County has requested an easement of right-of-way for highway purposes over land owned by the University and used as an Agricultural Experiment Station near Hartsburg. This is necessary in order to widen an existing road.

The Director of the Agricultural Experiment Station and the Vice-President and Comptroller recommend that this easement be granted and that the following resolution be adopted:

Resolution

Be It, And It Hereby Is Resolved, by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this Board of Trustees be, and they hereby are, authorized and directed to execute, acknowledge, and deliver in the name and in behalf of this corporation, and under its corporate seal, a grant, in the form approved by the Legal Counsel of this corporation, to the County of Logan in the State of Illinois, of an easement of right-of-way for public highway purposes in a tract of land situated in said county, title to which is held by this public corporation, described as follows, viz:

A part of the South half of the Southwest quarter of the Southwest quarter of Section 22, Township 21 North, Range 3 West of the Third Principal Meridian, described as follows, to-wit: Beginning at a stone marking the Southwest corner of said Section 22, running thence North along the West line of said Section 22 for a distance of 50.0 feet, thence East 31.6 feet to the East Right of Way line of an Orvil Road District Road, commonly known as the "Experiment Station Road," thence South 45° East 21.2 feet, thence East 1,283.3 feet, thence South 35.0 feet, thence West 1,329.9 feet along the South line of said Section 22 to the Point of Beginning. Excepting that portion already in use for highway purposes, said tract containing 0.19 acres, more or less.

The grant of an easement of right-of-way for public highway purposes in said tract of land hereby authorized shall provide that in the event said tract of land ceases to be used for public highway purposes the easement granted the County of Logan therein and thereby shall cease and determine and said tract or strip of land shall revert to this public corporation free and clear of said easement, and shall also be made upon, and contain, the following terms and conditions:

1. The County of Logan shall pay to this public corporation for said grant the sum of \$60.00 simultaneously with the delivery of said grant to said County.

2. The County of Logan shall, at its own sole expense, remove the presently existing fence marking the present boundary of the roadway now situated adverse to said strip of land which will be widened as a result of this grant and will replace and restore said fence at a new location heretofore agreed upon in as good condition as is said presently existing fence.

3. The entrance to property retained by this public corporation and situated adjacent to said hereinabove described tract shall be moved, by the County of Logan and at its expense, from its present location to a point about one hundred twenty-five feet east thereof and in line with the existing driveway which leads to the existing barn located on said retained property of this public corporation.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

COMMUNICATION FROM MEMBERS OF THE FACULTY

(29) At its meeting on July 26, 1960, the Board took note of a communication, in the form of an open letter, dated July 15, 1960, to the Board of Trustees from a number of members of the University faculty concerning the University's action in the case of Dr. Leo F. Koch which was sent to members of the Board of Trustees and was released by some of its signers for publication on July 17. The Board referred this communication to the Committee on General Policy for study and report.

Mr. Johnston, for the Committee on General Policy, submitted a report of his Committee on this matter and moved its adoption.

The report was adopted and filed with the Secretary for record.

Mr. Johnston also submitted the following summary of the report for inclusion in today's minutes and as the reply of the Board of Trustees to the open letter.

Summary of Report of General Policy Committee to Board of Trustees of the University of Illinois Concerning Open Letter to the Board from Certain Members of the University Faculty Pertaining to Action Taken in Leo F. Koch Matter

Prior to the July 26, 1960, meeting of the Board of Trustees, an open letter from certain members of the University's faculty to the Board was mailed to each Board member and President Henry, and was released to the press by some of its signers. Although those who did this failed to comply with the procedure established and prescribed by the University Statutes governing the transmission of communications from University staff members to the Board, the latter, at President Henry's request, decided to give due consideration to the letter and referred it to the General Policy Committee for its study, report, and recommendations.

Since then the Committee has carefully studied the letter and has reviewed the procedures followed, the report of the University Senate Committee on Academic Freedom, the resolution adopted on June 6 by the Urbana-Champaign University Senate, and the *Findings and Conclusions* reached by the Board at the conclusion of the hearing given Professor Leo F. Koch. The conclusions of the Committee, which it recommends be adopted by the Board, are fully set forth and documented in the Committee's report of which the following constitutes a brief summary:

1. In its deliberations and actions in the Koch case, as well as in all other matters, the Board of Trustees has been, and will continue to be guided by what, in its considered judgment, will promote the progress and welfare of the University in all its relationships and is in the best interests of its faculty, its students, and the public which it serves.

2. In its *Findings and Conclusions* in the Koch case the Board repeatedly and clearly stated that its action in approving President Henry's recommendation that Professor Koch's contract with the University be terminated was based upon Professor Koch's breach of his academic and professional responsibility inherent in his University employment and recognized and declared in the University Statutes and in the Joint Statement of Principles on Academic Freedom and Tenure adopted by the Association of American Colleges and the American Association of University Professors. The Board's unanimous finding that Professor Koch's actions constituted a breach of that responsibility was in accord with the unanimous finding of the Executive Committee of the faculty of the College of Liberal Arts and Sciences and that of the Committee on Academic Freedom of the Urbana-Champaign University Senate.

3. President Henry had no authority to and did not terminate Professor Koch's University contract. He suspended and preferred charges against Professor Koch and recommended the termination of the latter's contract to the Board as he is authorized and obligated by the provisions of the University Statutes to do when, in his judgment, such action is necessary and justified. His action was taken upon the recommendation of the Executive Committee of the faculty, including the Dean of the College of Liberal Arts and Sciences.

4. The public release, prior to the hearing before the Board, of the charges and President Henry's intention to recommend to the Board that Professor Koch's contract be terminated was proper in this instance because of the publicity which Professor Koch's letter to the Editor of *The Daily Illini* had received and the resulting advisability that the disapproval by the University administration of Professor Koch's actions be made known to the public. It did not operate to deprive Professor Koch of a fair hearing before and conscientious consideration of his case by the Board.

5. The members of the Board of Trustees were fully conscious of the vital

interest of the faculty of the University, as well as that of the University's students and the citizens of Illinois, in proper consideration being given and appropriate action being taken by the Board in the proceeding involving Professor Koch. The resolution adopted by the Urbana-Champaign University Senate and the report and recommendations of its Committee on Academic Freedom to the President were accorded careful consideration and due weight by the Board in reaching its decision. The members of the Board were under the duty and responsibility to all concerned to and did take the action which, in their own considered judgment, was proper and in the best interests of the University.

6. The procedures followed in the Koch case were substantially in accord with the provisions of the present University Statutes which were adopted by this Board in 1957 after they were drafted by a Committee composed largely of faculty members and had been approved by the University Senate. If these provisions are now not considered to be proper and adequate, the Board of Trustees is willing to consider suggested changes in them. The University Statutes specify the channels to be used and procedures to be followed in submitting suggested revisions to the Board for its consideration.

7. The members of the Board subscribe fully to the commonly accepted principles of academic freedom and desire and intend to maintain them unimpaired at the University. They recognize the right of *responsible* expression of their views by faculty members even though the views expressed are unpopular or even untenable. In determining whether a public expression of such views is a *responsible* one, they have been and will be guided by the criteria appearing in the University Statutes and the above mentioned 1940 Joint Statement of Principles on Academic Freedom and Tenure. In the opinion of the Board, Professor Koch's expression of his views, judged by those criteria, was not a responsible one.

8. The Board believes that the action taken in the Koch case was proper and in the best interests of the University and that the cause of academic freedom is strengthened by insisting upon exercise of the academic responsibility which necessarily accompanies it.

On motion of Mr. Johnston, the foregoing summary of the Committee's report was also adopted; and the Secretary was instructed to send copies of this summary and of the full report to all the signers of the open letter, with an appropriate letter of transmittal informing them that these constitute the Board's reply to the open letter.

COURT DECISION ON GARFIELD PARK LAND ACQUISITION

(30) Mr. Johnston, for the Committee on General Policy, called attention to the recent decision in the Circuit Court of Cook County, in the case of The People of the State of Illinois, Plaintiff, vs. Chicago Park District, a body corporate and politic, and The Board of Trustees of the University of Illinois, a public corporation, Defendants, No. 60C 5203, with respect to the acquisition by the University of land in Garfield Park for the Chicago Undergraduate Division. This decision holds that the Act of the General Assembly of Illinois approved July 22, 1959, authorizing the Chicago Park District to convey park lands to the University is unlawful, invalid, and unconstitutional.

The Committee on General Policy has considered this decision and recommends that it be appealed without prejudice to any alternate sites which may be proposed by the city of Chicago and its City Planning Department. A conference of the Board with Mayor Richard J. Daley on this matter is scheduled for September 27, 1960.

On motion of Mr. Johnston, this recommendation was approved.

HEARING OF REPRESENTATIVES OF GARFIELD PARK COMMUNITY

At this point, Mr. Edward Rosewell, President of the Garfield Park Improvement Association, Mr. Gordon L. Mattson, Chairman of United Property Group, and Mrs. Ruth Lesei, representing the Bradley-Honore Association, who had requested a hearing by the Board of Trustees, appeared before the Board. Mr. Mattson spoke for the group and the organizations they represent and also for a number of other

organizations, churches, private enterprises on the west side of Chicago, including the Garfield Park Chamber of Commerce, the East Garfield Park Improvement Association, and Home Owners Enterprises. He urged the Board to reaffirm its decision in the selection of Garfield Park as a site for the Chicago Undergraduate Division and offered the support of the organizations and individual citizens in the Garfield Park community. A copy of his presentation has been filed with the Secretary of the Board for record.

At the conclusion of the hearing, Mr. Mattson and his associates presented petitions signed by approximately 18,000 citizens of Chicago in support of the selection of Garfield Park for the relocation of the Chicago Undergraduate Division, urging that the Board appeal the recent adverse court decision and offering their support should a referendum become necessary to make Garfield Park available to the University for educational purposes. These petitions were turned over to the Secretary of the Board and a copy has been filed by him as a part of the record of today's meeting.

MEMORIAL TO ARTHUR CUTTS WILLARD

Mr. Pogue offered the following:

The Board of Trustees of the University of Illinois records with deep sorrow the death on September 11, 1960, of Dr. Arthur Cutts Willard, President *Emeritus* of the University.

Dr. Willard was born in Washington, D.C., on August 12, 1878, and received his undergraduate and professional education at the National College of Pharmacy and the Massachusetts Institute of Technology. With the exception of a few years of teaching at the California School of Mechanical Arts in San Francisco and at George Washington University, and service as an engineer on the staff of the War Department just before coming to the University of Illinois, his life's work was at this University. He was married to Sarah Lamborn of Washington, D.C., November 26, 1907, who survives.

Dr. Willard came to the University of Illinois as Assistant Professor of Mechanical Engineering in 1913, progressing rapidly to full professorial rank in 1917. He was Head of the Department of Mechanical Engineering from 1920 to 1934, and Acting Dean of the College of Engineering and Director of the Engineering Experiment Station from 1933 to 1934, when he became the University's ninth President. He retired September 1, 1946, after thirty-three years of continuous service at the University of Illinois.

He had otherwise served the University on numerous important faculty committees dealing with educational and administrative problems. So when he was elected President of the University of Illinois, the Board of Trustees could proudly announce that in the election of Professor Arthur Cutts Willard, the Board had chosen from the faculty a man who through twenty-one years of loyal and distinguished service to the University as a teacher, scientist, and administrator had the respect of students, alumni, colleagues on the faculty and elsewhere in his profession, and of the industries of the State and the Nation.

Many Illini will remember him with gratitude as a great teacher and for his high professional standards which have influenced their careers. He also will be remembered by countless others for his contributions as a scientist to the engineering profession and for his services to industry and government. Outstanding among his achievements was the research he directed at the University of Illinois which produced the basic data for engineering the ventilating system of the Holland Tunnel connecting New York and New Jersey, a system subsequently also used elsewhere in the United States and abroad.

He came into the Presidency of the University at one of the most difficult periods in its history when institutional financial resources were greatly reduced and the immediate task was one of rebuilding and restoring confidence in the future. He brought the University from those years of the economic depression through a period of increasing prosperity and growth, and through the trying years of World War II, into a new era.

A complete listing of his achievements is unnecessary but significant examples should be noted. During his administration, the Chicago Professional Colleges were reorganized under the administration of an Executive Dean, now a Vice-President. The College of Veterinary Medicine, the Division of Special Services for War Veterans, the Small Homes Council, the Student Counseling Bureau, the Council on Teacher Education, and the Institute of Aviation were established. The University of Illinois Foundation was organized during his Presidency and he established the original Citizens Committee. The University's physical plant and campus development during his administration include such major projects as: the Illini Union Building, the first group of the Men's Residence Halls, Gregory Hall which replaced the old University Hall, the Abbott Power Plant without which expansion of the campus to its present state would have been impossible, additions to the Library, McKinley Hospital; and in Chicago the second unit of the Dentistry-Medicine-Pharmacy Building, the first of the University's buildings to be financed through a bond issue, and remodeling of the College of Pharmacy Building into the present Chicago Illini Union. Much of the planning which led to the establishment of the Chicago Undergraduate Division was done during the last year of his administration as President.

Dr. Willard gave the University distinguished leadership for twelve years, a leadership which had an impact on its growth and achievements following his retirement. The spirit of his administration was a reflection of his personal character: integrity, a fine sense of duty to students and staff, loyalty to the institution, industry, and courage. He was exemplary in his personal habits, modest, friendly, but withal had a wholesome dignity which inspired respect and affection.

With this tribute the Board also records its deep appreciation of Dr. Willard's life and of his many years of devoted service to the University of Illinois, and expresses its sympathy to the members of his family.

On motion of Mr. Pogue, this memorial was adopted by a rising vote, was ordered printed in the minutes of today's meeting, and the Secretary was directed to send suitable copies to members of Dr. Willard's family.

DEGREES CONFERRED

The Secretary presented for record the following list of degrees conferred at Urbana on August 15, 1960, and at the Chicago Professional Colleges on the dates indicated, on recommendation of the University Senates and by authority of the Board of Trustees.

Summary

Degrees in the Graduate College, conferred at Urbana:

Master of Arts.....	77
Master of Science.....	293
Master of Music.....	7
Master of Education.....	145
Master of Fine Arts.....	6
Master of Architecture.....	4
Master of Accounting Science.....	2
Master of Commerce.....	3
Advanced Certificate in Education.....	19
<i>Total, Graduate College.....</i>	<i>(556)</i>

Degrees in Law, conferred at Urbana:

Bachelor of Laws.....	4
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Baccalaureate Degrees, conferred at Urbana:

Bachelor of Science, College of Agriculture.....	24
Bachelor of Science, College of Engineering.....	103
Bachelor of Arts, College of Liberal Arts and Sciences.....	62
Bachelor of Science, College of Liberal Arts and Sciences.....	48
Bachelor of Science, College of Education.....	23
Bachelor of Science, College of Commerce and Business Administration....	50
Bachelor of Science, College of Journalism and Communications.....	8
Bachelor of Architecture, College of Fine and Applied Arts.....	6

Bachelor of Fine Arts, College of Fine and Applied Arts.....	19
Bachelor of Science, College of Fine and Applied Arts.....	4
Bachelor of Science, College of Physical Education.....	6
Bachelor of Science, Division of Special Services for War Veterans.....	12
<i>Total, Baccalaureate Degrees.....</i>	<i>(369)</i>
<i>Total, Degrees Conferred at Urbana.....</i>	<i>(925)</i>
Degrees in Dentistry, conferred at Chicago:	
Bachelor of Science.....	50
Degrees in Medicine, conferred at Chicago:	
Bachelor of Science.....	1
Degrees in Nursing, conferred at Chicago:	
Bachelor of Science.....	1
Degrees in Pharmacy, conferred at Chicago:	
Bachelor of Science.....	5
<i>Total, Degrees Conferred at Chicago.....</i>	<i>(57)</i>
<i>Total, Urbana and Chicago.....</i>	<i>982</i>

GRADUATE COLLEGE

Degree of Master of Arts

In Art Education

FRED GRANT ATTEBURY, B.F.A., 1958
 JEAN DANIEL DEVAUD, B.F.A., 1950
 THELMA LEE FITE, B.F.A., 1958
 DIANNE MARY KESSER, B.F.A., 1959
 SISTER MARY ALEXIA WALTERS, A.B., Saint Ambrose College, 1948
 ALVIN SMITH, A.B., State University of Iowa, 1955

In Art History

HERMAN GUSTAV PUNDT, B.F.A., 1960

In Economics

GERALD RALPH MOODY, A.B., 1959

In English

GEORGE QUENTIN DAVIDSON, B.S., Oregon College of Education, 1957
 PETER DAVIES, B.S., Northern Illinois University, 1959
 HUGH JOSEPH DAWSON, A.B., Georgetown University, 1959
 YVONNE NYENHUIS DRESSER, A.B., 1958
 MURIEL SHEILA GOLDSMITH HARRIS, A.B., 1959
 SYLVIA ANN JOHNSON, A.B., Marian College, 1959
 JAMES MATTHEW KNAAK, B.S., 1953
 PATRICIA NEWSOME LEIBY, A.B., 1959
 WILLIAM THOMAS LISTON, A.B., State University of New York College for Teachers (Albany), 1957
 IDABELLE KINCANNON MACHAMER, A.B., 1959
 LORAYNE ADELL NISSEN, B.S., Concordia Teachers College, 1959
 THOMAS NORRIS SMITH, A.B., University of Connecticut, 1959
 KAREN VAN DOREN, B.S., 1959

In French

UNETTA THOMPSON MOORE, A.B., Mount Holyoke College, 1954; A.M., University of New Mexico, 1956; Ph.D., 1960

In Geography

DANIEL WAYNE GADE, A.B., Valparaiso University, 1959
 FLOYD ARTHUR NICHOLS, A.B., 1959

In History

JAMES RAYMOND HAWKES, B.S., 1959
 JOHN EDWARD HODGE, B.S., College of Charleston, 1959
 RICHARD LEE MORGAN, A.B., University of North Dakota, 1959
 EMIL CHARLES PIROK, A.B., 1957

In Labor and Industrial Relations

- PINAKI RANJAN DAS, B.S., Punjab University, 1955
 STANLEY LAWRENCE FRIEDLANDER, A.B., College of the City of New York, 1959
 SAGAR CHAND JAIN, A.B., A.M., University of Delhi, 1950, 1952
 BYRON YAFFE, A.B., Washington University, 1958

In Mathematics

- JAMES RAY DOWNING, B.S., Southwest Missouri State College, 1958
 ANN HARRIS IHRIG, A.B., 1960

In Political Science

- KENNETH EARL ALLEN, A.B., Miami University, 1959
 ROBERT DON HEIDORN, A.B., Lawrence College, 1959
 WALTER HARMON SLACK, A.B., 1956
 JOSEPH BLANTON TUCKER, A.B., Ohio Wesleyan University, 1958
 THOMAS DWIGHT WILSON, B.S., Illinois State Normal University, 1959

In Psychology

- CYNTHIA DIANE BURKE, A.B., 1959
 LEE NANCY KAUFMAN, A.B., Queens College, 1958
 AHMAD ABD EL AZIZ SALAMA, A.B., Cairo University, 1947; Diploma, Diploma,
 A.M., Ain Shams University, 1949, 1954, 1957
 ROBERT EMERY SCHULMAN, A.B., Northwestern University, 1958
 RICHARD ALAN STEFFY, A.B., Albright College, 1958

In Russian

- ALAN EDWARD HUDSON, A.B., 1959

In Social Sciences

- RALPH NEIL CHILDS, B.S., Northern Illinois University, 1956
 RICHARD EUGENE MATTESON, A.B., 1955
 DANIEL HOWARD PASTOOR, A.B., Calvin College, 1953

In Sociology

- BRUCE KENT ECKLAND, B.S., 1957
 PAUL JOSEPH HOLLANDER, A.B., University of London, 1959
 CAROL STICKLER LIERMAN, A.B., 1959
 OLBERT POCS, A.B., 1958

In Speech

- MARY BETH SAWYER ARMSTRONG, B.S., 1957
 WARREN FREDERICK CRAIG, B.S., Illinois State Normal University, 1948
 DENNIS GENE DAY, A.B., College of the Pacific, 1958
 WILLIAM NORTON GRANDGEORGE, A.B., Knox College, 1955
 PAUL HAVENER GRAY, A.B., Marietta College, 1959
 CAROLYN LEE GRIFFITH, A.B., Marietta College, 1959
 GEORGE NORMAN GUNKLE, A.B., 1955
 JOAN SMITH LUDWIG, B.S., Memphis State College, 1956
 EUGENE FRANK MAZZONE, B.S., Eastern Illinois University, 1952
 MOLLY NIEDERLANDER RAMSHAW, A.B., Mount Holyoke College, 1948
 JOHN HENRY RYAN, JR., A.B., Harding College, 1959
 RONNIE SHERILL TRENT, A.B., Southwestern State College, 1957
 DALE EDWARD WOOLLEY, A.B., Washington University, 1958

In Statistics

- R. MARILYN PYLE, A.B., Montana State University, 1956

In the Teaching of English

- CHARLOTTE CHRISTINE ANDERSON, A.B., Gustavus Adolphus College, 1928
 ROBERT CLYDE BAILEY, A.B., 1958
 LAWRENCE EDWARD CONNOLLY, A.B., 1952
 HOWARD MARTIN EVANS, B.S., Eastern Oregon College, 1958
 MARTHA JANE WOHLSCHEGEL, A.B., Bradley University, 1958

In the Teaching of Social Studies

- MARTHA LEE DONNELLY, A.B., 1954
JOSEPH HARRY HARTMANN, A.B., 1956
MARY MARGARET ZORGER PHILLIPS, B.Ed., Illinois State Normal University, 1930
BARBARA REUTER SCHEMEL, A.B., 1959
LEONARD LAVON SEMON, B.S., Illinois State Normal University, 1952
ROSEMARY ELIZABETH WATKINS, A.B., DePaul University, 1951

Degree of Master of Science*In Accountancy*

- VAHE BALADOUNI, A.B., Baldwin-Wallace College, 1959
HAROLD LEE GEU, B.S., Colorado State University, 1959
WAYNE MELVIN HIGLEY, B.S., University of Omaha, 1958; A.B., State University of Iowa, 1958
CHI WONG JUNG, A.B., National Taiwan University, 1957
WALLACE EMMERSON KELLY, B.S., Eastern Illinois University, 1958
ALY MAHROUS SHADY, B.Com., University of Ein Shams, 1950

In Aeronautical Engineering

- KENNETH WARREN BAUD, B.S., 1959
KRISHAN KUMAR KUMAR, B.S., 1959
FRED SAMUEL SNYDER, JR., B.S., 1955

In Agricultural Economics

- DONALD GENE CLAMPET, B.S., 1956
RALPH LESTER FORREST, B.S., 1952

In Agricultural Education

- ELDON RAY AUPPERLE, B.S., 1954
STEPHEN RICHARD KINGRY, B.S., 1953
HOWARD WILLIAM ROBINSON, B.S., 1953

In Agricultural Engineering

- DONALD RAY SISSON, B.S., Purdue University, 1949

In Agronomy

- CARROL DEAN BOLEN, B.S., 1959
WILLIE ZACK BROCK, B.S., Alcorn Agricultural and Mechanical College, 1953
NOELL SAMUEL RABINDRANATH DEY, B.S., University of Allahabad, 1940
JOOST CHRISTIAAN DIJKERMAN, Candidate, State Agricultural University (Holland), 1959
THOMAS EUGENE FENTON, B.S., 1959
EARL HENRY SONNEMAKER, B.S., 1959
EARL ALLEN WERNSMAN, B.S., 1958

In Botany

- RICHARD DEAN ALLEN, A.B., Greenville College, 1957
BARBARA JANE SCHENCK COLLINS, B.S., Bates College, 1951; A.M., Smith College, 1953; Ph.D., 1955
NANCY SUE MATHIS, B.S., 1959

In Ceramic Engineering

- CHARLES AINSLEY HALL, B.S., 1959
DAVID GRIFFITH WIRTH, JR., B.S., 1959

In Chemical Engineering

- WILLIAM GORDON HUNTER, B.S.E., Princeton University, 1959
PHILIPPE GASTON JEANNIN, Diploma, Ecole Centrale des Arts et Manufactures (Paris), 1959
LEWIS PHILIP REISS, B.Ch.E., University of Delaware, 1958

In Chemistry

- MARJORIE LUCILLE ARNOLD, B.S., Bradley University, 1954
WEILING CHANG, A.B., Mercyhurst College, 1959

- PATRICIA ANN HOLMES, A.B., Clarke College, 1958
 YUEN-SAN LAI, A.B., Hollins College, 1958
 AUDREY EVELYN MILLER, B.S., University of Rochester, 1959

In City Planning

- DONALD CLAY NEVILLE, B.S., 1957
 CLIFTON MURRAY SMART, JR., B.Arch., Tulane University, 1956

In Civil Engineering

- ARGUN AFSAR, B.S., Robert College, 1959
 TOSHINOBU AKAGI, B.Tech., University of Tokyo, 1957
 RONALD EUGENE BUCKNAM, A.B., B.S., Tufts University, 1958, 1959
 SAKDA BUNYASIRI, B.S., Chulalongkorn University, 1956
 ALFREDO CARRIZOSA-GOMEZ, B.S., 1959
 GEORGE ROBERT COOK, B.S., 1951
 GUNNAR KETIL FOLKESTAD, B.S., University of Denver, 1959
 EDGAR ALLAN GILBERT III, B.S., United States Military Academy, 1952
 PHILLIP LOUIS GOULD, B.S., 1959
 WILLIAM CHARLES GUSTAFSON, B.S., Illinois Institute of Technology, 1959
 DAVID SHELDON HATCHER, B.S., University of Wyoming, 1953
 GEORGE IGOR KOLOSOV, B.S., Illinois Institute of Technology, 1956
 BYRON ARMIN MARKS, B.S., 1959
 JOHN EDWARD MITCHELL, B.Eng., University of Southern California, 1952
 VENKATACHARIAR SRINIVASAGOPALAN, B.S., University of Madras, 1949; B.Eng., M.S., Annamalai University, 1955, 1956

In Commercial Teaching

- DONALD LESLIE WHITED, A.B., Illinois College, 1958

In Dairy Science

- FRANK ALWIN VERLEY, B.S., University of Connecticut, 1959

In Economics

- ROGENE AUGUST BUCHHOLZ, B.S., North Central College, 1959
 KARL REYNOLDS LASSETER, JR., B.S., 1952
 CRAIG JOSEPH RICHMOND, A.B., Oberlin College, 1956

In Education

- JOHN DONALD PULLIAM, A.B., 1953

In the Education of Mentally Handicapped Children

- CLAUDE ALBERT RASHID, A.B., Bradley University, 1960

In Electrical Engineering

- ROBERT JACKSON BAIRD, B.S., 1959
 PRAHLADA RAO BATNI, B.Eng., University of Mysore, 1941
 LOWELL DUANE BATSON, B.S., 1959
 HARRY EDWARD BROBERG, B.S., 1959
 BOBBY GENE DAY, B.S., Texas Technological College, 1955
 JON CARL GEALOW, B.S., 1959
 GLYDE BREWER HANNAH, B.S., United States Naval Academy, 1945; B.S., M.S., United States Naval Postgraduate School, 1953, 1954
 LOREN VERNE HART, B.S., United States Military Academy, 1954
 TERRY LEE HEWITT, B.S., 1959
 CHUNILAL PARMANAND JETHWA, B.Eng., University of Baroda, 1958
 DONALD DENIS KAVANAGH, B.S., United States Military Academy, 1948
 JOHN MALCOLM MACCALLUM, JR., B.S., Massachusetts Institute of Technology, 1948; M.S., United States Air Force Institute of Technology, 1955
 JOHN MUNROE MACLEOD, B.S., University of Alberta, 1959
 RICHARD HASKEL MARKS, B.S., 1959
 HAROLD STETSON MERRILL, JR., B.E.E., Marquette University, 1957
 KALLURI NAGARAJA NAIDU, B.Eng., University of Madras, 1954
 R. NARAYANASAMY, B.Eng., University of Madras, 1956
 CLARKE LEO NEAL, B.S., 1959

JAMES RICHARD PACE, B.S., 1959
HERBERT GEORGE RAYMOND, B.E.E., Manhattan College, 1959
GAUTAM LALBHAI SHAH, B.Eng., Gujarat University, 1958
BERNARD GEORGE THOMPSON, B.S., 1959
KENNETH ROY WEINER, B.S., Illinois Institute of Technology, 1959
JAMES RUFUS WILSON, JR., B.Eng., Vanderbilt University, 1955
YONG KU YI, Graduate, Republic of Korea Naval Academy, 1952

In Entomology

HARLAND WADE FOWLER, JR., B.S., University of Florida, 1953
CAROL ANN MORGAN, B.S., Eastern Illinois University, 1958

In Finance

RONALD JAY GRAYHECK, B.S., 1959

In Geology

JARMO GEORG WILLIAM SODERMAN, A.B., Columbia University, 1957

In Health Education

DOREEN MERCIA BROWN, Diploma, University of Otago, 1955
MILTON WALTER DEDEK, B.S., State University of New York Teachers College
(Cortland), 1959
MARY HELEN LEDER, B.S., Brooklyn College, 1958
MAX MESSER, A.B., Hunter College of the City of New York, 1959

In Home Economics

IRMA PORCHAMAE BURKS, B.S., Alcorn Agricultural and Mechanical College, 1954
SUSAN ANNE KELLEY, B.S., Iowa State College, 1956
WILLYE J. LEWIS NOLLIE, B.S., Alcorn Agricultural and Mechanical College, 1951
BARBARA PROVART PRICE, B.S., Southern Illinois University, 1957
ELIZABETH STERRETT SNIVELY, B.S., Texas Technological College, 1940
JOANN LATIMER TOLLETT, B.S., University of Arkansas, 1958

In Home Economics Education

ROSEMARY ANN BOWALD, B.S., Illinois State Normal University, 1955
KATHRYN LOUISE DEHAVEN, B.S., Western Illinois University, 1956
JO ANN ROBINSON, B.S., Western Illinois University, 1954; M.R.Ed., Northern
Baptist Theological Seminary, 1958
JANET FLORENCE TRACY, A.B., Baker University, 1959

In Horticulture

ALBERT EDWARD MURRAY, JR., B.S., Rutgers University, 1958

In Journalism

DANA FRANK KELLERMAN, B.S., Marquette University, 1957

In Library Science

ESIN SIRIN ATAMAN, Diploma, University of Ankara, 1959
MARY CAROLINE ATTEBERY, B.S., Greenville College, 1957
RUTH ELEANOR BIRKHEAD, A.B., Oberlin College, 1959
IMOGENE IRIS CLARK BOOK, B.S., Southern Illinois University, 1946
PATRICIA ALICE DABNEY, A.B., A.M., Southern Methodist University, 1957, 1960
NICOLETTE EHERNBERGER, A.B., Webster College, 1955
MARY JEAN EILERT, A.B., Wheaton College (Illinois), 1951
BARBARA EILEEN EISENLOHR, A.B., Dickinson College, 1959
LENORA PATRICIA ANN ELLIS, B.S., Illinois State Normal University, 1958
PAULINE KINCADE GALBREATH, B.S., Eastern Illinois University, 1957
WILLIAM WAYNE GARTON, A.B., Simpson College, 1959
LENORE MARIE GLANZ, A.B., A.M., 1954, 1957
WAYNE CARROLL GOAD, B.S., 1959
RUTH CLAUDINE HORRELL, B.S., Southern Illinois University, 1952
ANITA LEE WALDEN JACKSON, B.S., Indiana State Teachers College, 1955
DONALD FRANKLIN JOYCE, A.B., Fisk University, 1957

CHARLES JACKSON LAW, A.B., Washington Missionary College, 1947
 WILLIAM LAWRENCE MITCHELL, A.B., University of Kansas, 1959
 WALTER DUNLAP MORRILL, A.B., Monmouth College, 1957
 NILUFER FATMA NORMAN, Diploma, University of Ankara, 1959
 LORENE EDNA PIXLEY, B.S., Eastern Illinois University, 1958
 ARNE HJORT RICHARDS, A.B., Yankton College, 1954
 RUSSELL CLARK ROBERTSON, A.B., University of California (Los Angeles), 1949
 DANIEL LEE SMITH, B.S., Wabash College, 1950
 CAROL ANDREWS SPAZIANI, A.B., University of California (Los Angeles), 1953
 SARA LOUISE STROUD, A.B., B.S., North Carolina College, 1947, 1949
 RUBY MAE TAYLOR, A.B., Southern Illinois University, 1951
 LEILA FERN THOMPSON, A.B. (L.S.), George Washington University, 1936
 JANICE MARILYN THORNTON, A.B., MacMurray College, 1959
 HYMAN VINAR, B.S., St. Ambrose College, 1950
 DIANNE WALKER, A.B., University of Texas, 1956
 MARY LOUISE WALKER, A.B., Lake Erie College, 1948; A.M., 1949
 JOSEPHINE MARIE WINNABERG, A.B., Luther College, 1950

In Management

JOHN PATRICK PHILLIPS, B.S., 1959
 METIN MEHMET SABUNIS, A.B., Robert College, 1958

In Marketing

WILLIAM DALE BOUB, B.S., Kansas State Teachers College (Emporia), 1953
 ROBERT LOUIS JOHNSON, A.B., Northwestern University, 1958
 ROBERT NORTH MERRILL, B.S., 1958
 JOHN EUGENE SHAFFER, B.S., 1959

In Mathematics

MARY ELIZABETH BLEWETT, B.S., 1959
 MARVIN WILLARD GROSSMAN, A.B., Queens College, 1959
 ERMA TIMKO LEICHTNER, A.B., St. Mary's College, 1957

In Mechanical Engineering

ASOK KUMAR DHOL, B.S., City College of Calcutta, 1952; B.M.E., College of Engineering and Technology (Bengal), 1954
 YUAN HUANG, B.S., National Taiwan University, 1953
 THOMAS JOSEPH KELLY, B.S., 1958
 LEKHRAJ MANKANI, B.S., Banaras Hindu University, 1951; Diploma, University of Roorkee, 1959
 RAVINDER NANDA, B.S., Banaras Hindu University, 1960
 WILLIAM DALE NORVELL, B.S., United States Military Academy, 1955
 BINDU MADHAVA BANDIATMAKUR RAO, B.S., Banaras Hindu University, 1952
 JOE RIOS, B.S., University of Puerto Rico, 1957
 M. R. SREEDHARAN NAIR, B.S., University of Kerala, 1958

In Microbiology

WILLIAM RODNEY WILEY, B.S., Tougaloo College, 1954

In Mining Engineering

RICHARD FREDERICK MAST, B.S., 1957
 GUBBI RAJAGOPALACHAR RAMA GOPAL, B.S., University of Mysore, 1956

In Music Education

ALEJANDRA CUMAGUN ATABUG, B.Mus., University of Santo Tomas, 1951
 ROBERT WILLIAM BEALS, B.S., Eastern Illinois University, 1957
 JOAN ADELE BEHRENS, B.S., Greenville College, 1955
 MARJORIE ALICE ROBERTSON BLAHOUS, B.S., 1959
 JOYCE JOHNSON BOLDEN, A.B., Fisk University, 1953
 BARBARA THOMAS BONNER, B.S., Southern University, 1950
 MERVIN WENTZ BRITTON, B.S., 1955
 ROBERT EARL BROWN, B.S., Olivet Nazarene College, 1956
 ROBERT HAROLD BROWN, B.Mus., Oberlin College, 1959

PAUL DAVID FINNEY, B.S., 1956
 EUGENE WILBUR FOLLES, B.S., Olivet Nazarene College, 1957
 GEORGE WILLIAM GEIS, B.S., 1959
 DELORES JEAN GILLAN, B.S., 1954
 RUTH BOYD GUSTAFSON, B.Mus.Ed., North Central College, 1940
 MARY BALDWIN JONES, B.Mus.Ed., Indiana University, 1951
 LAWRENCE KATZ, B.F.A., Carnegie Institute of Technology, 1959
 DONALD ELMER KRAMER, B.Mus., Oklahoma City University, 1954
 MARGARET ELAINE LAROWE, B.S., 1955
 MARY ELIZABETH LUTZ, B.S., 1959
 ORESTE MICHl, B.S., 1939
 PAUL ALBERT PIZNER, B.S., 1955
 HAROLD EUGENE RAY, B.S., 1957
 FAITH JOYCE ROUBIK, B.S., 1958
 RALPH BAXTER SHUMAKER, JR., B.S., East Carolina College, 1958
 SISTER MARY VIRGINIA DARVEAUX, B.Mus., Fontbonne College, 1950
 SISTER THOMASINE IROSE, B.Mus., Fontbonne College, 1956
 ARTHUR GERALD STONE, B.S., 1957
 FRED ALVIN WICKSTROM, JR., B.S., Northwestern University, 1953
 WENDY YVONNE WILSON, B.Mus.Ed., B.Mus., University of Colorado, 1958, 1958
 PHILLIP WAYNE WINTERGERST, B.S., 1959

In Nuclear Engineering

THOMAS VAN CHANG TUNG, B.S., 1959

In Physical Education

CHARLES TAKESHI ARAKI, B.Ed., University of Hawaii, 1957
 DONALD EUGENE ARNOLD, B.S., Eastern Illinois University, 1959
 GEORGE ERNEST BOSSI, B.S., Springfield College, 1959
 CLEMENTINE PRUETT CLARK, B.S., 1952
 HELGA META DEUTSCH, A.B., Hunter College of the City of New York, 1959
 DOUGLAS JOHN GIBSON, B.S., Nebraska State Teachers College (Peru), 1958
 ROBERT ERNEST HERRON, A.B., The Queen's University of Belfast, 1958; Certificate, University of Nottingham Institute of Education, 1959; Diploma, Loughborough Training College, 1959
 LARRY G. HULCE, A.B., Albion College, 1959
 RICHARD KNIGHT JACKSON, JR., B.S., Murray State College, 1959
 LEON KAMAJIAN, B.S., 1956
 JAMES ALBERT LA CHAPPELLE, B.S., Winona State Teachers College, 1951
 GASTON ERNEST MARCOTTE, A.B., University of Ottawa, 1959
 ROBERT EARL MCCARTY, B.S., Winntenberg College, 1959
 ROBERT GEORGE MCKINNON, B.S., State University of New York Teachers College (Cortland), 1950
 JAMES ARTHUR MEYERS, B.S., 1952
 KENNETH RUE MILLER, B.S., 1954
 CHARLES JAMES RASMUSSEN, B.S., 1959
 DONALD GEORGE SAMMONS, B.S., 1955
 DONALD JAMES SANSERVINO, B.S., Drake University, 1957
 JAMES STUART SMITH, B.S., University of South Dakota, 1957
 EDGAR CHARLES-AUGUSTE THEORET, A.B., University of Montreal, 1957; A.B. (P.Ed.), University of Ottawa, 1959
 MILAN TRNKA, A.B., Syracuse University, 1956
 JACQUELINE SYLVIA WAGEMANN, B.S., Valparaiso University, 1959

In Physics

GEORGE ROBERT LEO, B.S., Wheaton College (Illinois), 1959
 JOHN WILLIAM PETERSON, B.S., Tufts University, 1953
 RICHARD EARL SCHWEMM, A.B., Amherst College, 1959
 VELLO SOOTS, A.B., University of Toronto, 1959
 CHARLES GUSTAVE STENBERG, B.S., 1959

In Physiology

JOHN ANTHONY NICOLETTE, A.B., Dartmouth College, 1956
 ROBERT JAY ROSENBERG, B.S., Roosevelt University, 1959

In Plant Pathology

DALE IVAN EDWARDS, B.S., Eastern Illinois University, 1956
WILLIAM LEONARD HAGAN, B.S., 1959

In Recreation

JERRY DEE BURNAM, B.S., 1957
HARRY RODNEY VALENTINE, B.S., Springfield College, 1958
JOHN WAYNE WHITE, JR., A.B., University of Kansas, 1952

In Speech Correction

CARL DEAN FOGLE, B.S., Eastern Illinois University, 1958
BEVERLY ARLENE BARNHART HERR, B.S., State Teachers College (Shippensburg, Pennsylvania), 1954
BARBARA WILLIAMS HODSON, B.S., 1958
THOMAS DOUGLAS JONES, A.B., Whittier College, 1947
ROBERT GENE MEYER, B.S., 1950
WILLIAM WAYNE MONKS, JR., A.B., Iowa State Teachers College, 1956
ELEANOR RIGHTSEL MOSLEY, B.S., Indiana State Teachers College, 1953

In the Teaching of the Biological Sciences and General Science

FRANKLIN WETMORE BLYE, B.S., 1959
ADOLPH FALLER III, A.B., Kenyon College, 1958
KATHRYN MAXINE ROWLEY, B.S., Monmouth College, 1944
ELIZABETH NETTLES THOMAS, A.B., Straight College of Dillard University, 1935;
A.M., Xavier University, 1954
NICK EARL ZENZEN, B.S., 1959

In the Teaching of Chemistry

FRANCIS STUART HARMON, JR., A.B., Princeton University, 1954

In the Teaching of Mathematics

MERRY LEWIS ALLEN, B.S., College of William and Mary, 1951; Ed.M., University of Virginia, 1955
GENE BARRETT, B.S., Ohio University, 1951
GEORGE EDWARD BLYLER, B.S., State Teachers College (Bloomsburg, Pennsylvania), 1952
SYDNEY TILFORD CAMMenga, A.B., Calvin College, 1958
CARL ONEAL DALTON, A.B., Northwestern College, 1952; M.S., University of Oregon, 1955
GERALDINE CLAUDETTE DARDEN, B.S., Hampton Institute, 1957
JOYCE ROBERTA DELCAMP, B.S., Pennsylvania State Teachers College (West Chester), 1956
JOHN RICHARD DENNIS, B.S., Wittenberg College, 1958
WILLIAM RAY EVERETT, B.S., Wittenberg College, 1954
BARBARA ANN EVERT, B.S., Colorado State University, 1955
JOHN FRANCIS FITZGERALD, B.S., St. Louis University, 1958
VERNON EUGENE FRIESEN, A.B., Bethel College, 1953
VIRGIE HERRIN FULLER, A.B., Berea College, 1943
FRANK THOMAS GALLNSTEIN, B.S., A.M., Morehead State College, 1949, 1950
MILDRED RICHMANN GAUSMAN, A.B., Hamline University, 1947
ALICE GRAEDER, A.B., A.M., University of California (Berkeley), 1941, 1948
MERLIN DONALD HALLE, B.S., Wisconsin State Teachers College (Oshkosh), 1950
MARY VIRGINIA HEIER, B.S., Northern State Teachers College (South Dakota), 1956
CARL LANE HENMAN, A.B., University of Missouri, 1955
FRED MOBLEY HENRY, JR., B.S., Ed.M., University of Texas, 1955, 1957
ROBERT WESLEY HESS, B.S., University of Wisconsin, 1953
ROBERT LEO JOHNSON, JR., A.B., A.M., Colorado State College of Education, 1951, 1952
JACK CLIFFORD KONKLIN, B.S., University of Oklahoma, 1957
WILLIAM EUGENE LANE, A.B., Carthage College, 1954
VIRGINIA MOSER LATSHAW, A.B., Pennsylvania State University, 1956
RALPH RAYMOND LINDSTROM, B.S., Northern Michigan College of Education, 1957
HARVEY ALLEN LUNDIN, A.B., Augsburg College, 1956

LEO WESLEY MANUEL, B.S., Kansas State College (Pittsburg), 1958
 JAMES CLINTON MARTIN, B.S., M.S., Southern Illinois University, 1949, 1952
 HAROLD GENE MCDANIEL, A.B., Park College, 1958
 JAMES JOHN MEADERS, B.S., Midland College, 1941; A.M., Colorado State College of Education, 1952
 GAIL JEAN HIVELY MOYZIS, B.S., 1957
 VIRGINIA WILLIAMS MULLINS, B.S., Northeast Louisiana State College, 1956
 WALTER ARTHUR PARSONS, A.B., Sacramento State College, 1952
 VAUGHN JOSEPH PIPER, A.B., Manchester College, 1958
 THEODORE ROOSEVELT PORTIS, B.S., Alabama State College, 1955
 ROBERT WALTER PRIELIPP, B.S., Wisconsin State College (Stevens Point), 1958
 JOSEPH ANTON RAAB, B.S., Wisconsin State College (Oshkosh), 1957
 JOAN LANGE ROSS, A.B., Western Michigan College of Education, 1948
 JOHN FRANCIS ROSS, A.B., Washington and Jefferson College, 1954; Ed.M., Duquesne University, 1958
 SELMA LEONA RUBIN, B.S., Temple University, 1953
 EDWIN THEODORE SCHULZ, JR., B.S., Northern Illinois University, 1957
 SHIRLEY JEAN SCHWARTZ, B.S., Illinois State Normal University, 1956
 SIGMUND ARNOLD SMITH, B.S., State University of New York College for Teachers (Albany), 1956; M.S., State University of New York Teachers College (Brookport), 1958
 SYDNEY STEPHENS, JR., B.S., Eastern Kentucky State College, 1957
 JOSEPH EARL VALENTINE, B.S., Southwest Missouri State College, 1958
 HOWARD LEROY WILSON, A.B., Willamette University, 1954
 RITA MAE WOLBERT, B.S., Marquette University, 1956
 RUTH EIKO WONG, B.Ed., University of Hawaii, 1948

In the Teaching of the Physical Sciences

CLIFFORD PAUL JENSEN, B.S., 1958
 RAYMOND GALE WILSON, B.S., 1958

In Theoretical and Applied Mechanics

NIKANDR SLAWOMIR CIOTH, B.S., 1958
 DONALD WAYNE PFEIFER, B.S., 1959
 RAYMOND ALFRED WILLEM, B.S., 1959

In Veterinary Medical Science

THOMAS EDWARD FRITZ, B.S., D.V.M., Michigan State University, 1955, 1957

In Zoology

BUCK DEAN NELSON, A.B., Central Michigan College, 1958

Degree of Master of Music

DAVID GEORGE DUNBAR, B.Sacred Mus., Canadian Nazarene College, 1956; B.S., Olivet Nazarene College, 1959
 MARY RUTH HARTMAN, B.Mus., Indiana University, 1959
 CLYDE SIMONS HISS, B.Mus., Baldwin-Wallace College, 1959
 CAROL MAY McDUGALL, B.Mus., Syracuse University, 1959
 SIDNEY MURRAY, B.Mus., 1960
 THORKELL SIGURJORNSSON, A.B., Hamline University, 1959
 OLLY WOODROW WILSON, JR., B.Mus., Washington University, 1959

Degree of Master of Education

JAMES RUSSELL ALDRIDGE, B.S., Southern Illinois University, 1956
 BETTY DOSS ASHFORD, A.B., Harris Teachers College, 1957
 RICHARD LEVERNE BARHAM, B.S., 1956
 NORMA BARNES BEACH, B.S., Carthage College, 1954
 VERNE DALE BEAR, B.S., Eastern Illinois University, 1954
 BARBARA HOSTETTLER BEYER, B.S., Illinois State Normal University, 1957
 RICHARD DOYLE BIBERSTINE, B.S., Th.B., Olivet Nazarene College, 1952, 1954; B.D., Nazarene Theological Seminary, 1957
 ELLEN LOIS BLACK, A.B., Carthage College, 1950
 VIRGINIA TRAPPE BLACK, B.S., 1939

- SAMUEL WILLIAMS BLISS, B.S., Eastern Illinois University, 1951
 ETHEL AMES BLYTHE, B.S., Eastern Illinois University, 1960
 THELMA WILLIAMS BOBO, B.S., Lincoln University, 1952
 ROBERT LEROY BOWSER, A.B., McKendree College, 1956
 CAROL JOYCE BRADFORD, B.S., Illinois State Normal University, 1957
 EVERETTE RALPH BRENINGMEYER, B.S., Eastern Illinois University, 1958
 JAMES RODNEY BRIM, B.S., 1952
 SANDRA BEUSHAUSEN BRITTON, B.S., 1957
 VIRGINIA MCGREW BROCHE, B.Mus., MacMurray College, 1955
 HELEN WREN BROWN, B.S., Tennessee State College, 1944
 DOROTHY ELLEN BURGESS, B.S., Taylor University, 1953
 VICTORIA WALLER BUTTON, B.S., Eastern Illinois University, 1955
 LEEDIO LEE CABUTTI, B.S., Southern Illinois University, 1948
 MAURINE JOHNSON CADDY, A.B., 1931
 DOUGLAS CRAIG CAMPBELL, B.S., Lewis and Clark College, 1957
 MARY ESTHER CARRIDINE, A.B., Central State College (Ohio), 1954
 ROBERT LOUIS CIOTA, B.S., Illinois State Normal University, 1957
 JAMES ALDEN CLARK, B.S., Illinois Wesleyan University, 1958
 MARJORIE REDMAN CLEAVES, B.Ed., Western Illinois University, 1953
 HERBERT WALTER CLUTTS, B.S., Southern Illinois University, 1952
 ERNEST RAYMOND COLE, B.S., Eastern Illinois University, 1950
 FLOYD HENRY CORL, B.S., Northern Illinois University, 1946
 BETTY OAKES CORNISH, B.Ed., Northern Illinois University, 1940
 LORRAINE PETERSON DEAN, A.B., Iowa State Teachers College, 1943
 JULIET SCARDACCIONE DELANO, A.B., Hunter College of the City of New York, 1946
 CHARLES LUDWIG DUE, B.S., 1957
 RUTH WEIGLE DUMBAUGH, B.S., 1958
 ERMA JEAN EDWARDS, B.S., Eastern Illinois University, 1953
 NADINE MCKINLEY EWING, A.B., Wartburg College, 1935
 MARY CHRISTINE FELTY, B.S., Southern Illinois University, 1958
 HELEN ANNE FLEWELLYN, B.S., 1959
 DALE WENDAL FOSTER, B.S., 1956
 HARRY JAMES FRANCK, JR., A.B., Augustana College, 1957
 WILLIAM TAYLOR GILKEY, A.B., Ripon College, 1940
 MILDRED MAE GILMORE, B.S., Bradley University, 1938
 BARBARA ANN GOODWIN, B.S., Indiana University, 1957
 EMMA PHIPPS GORMAN, B.S., Alcorn Agricultural and Mechanical College, 1955
 CLIFFORD DEAN GUTHRIE, A.B., 1951
 CATHERINE AILEEN HAGELE, B.S., 1940
 LORRAINE HOPKINS HARDING, B.S., 1959
 GEORGE EDWARD HAST, B.S., 1956
 JANE PRICHARD HEDGE, B.S., Indiana University, 1957
 JOHN ALVIN HENRIKSEN, A.B., Augustana College, 1951
 BARBARA WOLFORD HENSLEY, B.S., Illinois Wesleyan University, 1951
 THEODORE WALLACE HIPPLE, B.S., Northern Illinois University, 1957
 EVA CUMA HONN, B.S., Eastern Illinois University, 1957
 JOANN ROSE HORKY, B.S., Illinois State Normal University, 1955
 DONALD LEE HOWARD, B.S., Illinois State Normal University, 1957
 HAROLD DEAN HUBER, B.S., 1953
 HOWARD DOUGLAS HUDSON, JR., B.S., Agricultural, Mechanical, and Normal College (Arkansas), 1954
 MARGARET GEDDES HUTTON, B.S., Illinois State Normal University, 1945
 GORDON WILLIAM JOHNSON, A.B., 1953
 HELEN COURTNEY JOHNSON, A.B., St. Ambrose College, 1956
 INA JOYCE JOHNSON, B.S., Eastern Illinois University, 1951
 RUTH CANNON KEARNS, A.B., Clarke College, 1932
 ANN LUCILLE KEMENA, B.S., 1944
 MARY VIRGINIA KIRBY, B.S., Indiana State Teachers College, 1930
 EDWIN FREDERICK KOENIG, B.S., 1932
 GEORGENE NAKARI KREGER, B.S., University of Minnesota, 1955
 ETHEL BULGER KUMLER, B.S., Illinois State Normal University, 1956
 HARRY THOMAS LASHMET, JR., B.S., 1952
 MARIE RUSH LAWSON, B.S., Tuskegee Institute, 1950
 PAUL MARVIN LERNER, B.S., 1959

- MARGARET MARAS LLOYD, A.B., 1939
 THEODORE FRANKLIN LONG, B.S., Illinois State Normal University, 1954
 DUANE LUVERNE LOVESTRAND, B.S., Bradley University, 1956
 CLARENCE MALCOLM, JR., B.S., Washington University, 1958
 ELMA HUBBARD MARDIS, B.S., LeMoyne College, 1952
 WILLIAM GLENN MATLACK, B.S., Western Illinois University, 1957
 ALBERT J. MCHENRY, B.Ed., Eastern Illinois University, 1940
 VIRGIL FRANKLIN MCKITRICK, B.S., 1939
 MARY JANE MEREDITH, A.B., Monmouth College, 1951
 RUTH THOMPSON MEYERS, A.B., Northwestern University, 1936
 ALVIN JACKSON MICHELL, B.S., Northern Illinois University, 1950
 EVELYN PAULINE MINTUN, B.S., 1959
 MOTI KUNDANDAS MOOLANI, B.S., University of Bombay, 1950; M.S., University of Poona, 1951
 PATRICIA JULIA MOORE, A.B., Harris Teachers College, 1955
 ROBERT WESLEY NELSON, B.S., Jackson College, 1952
 MARY INEZ O'MEARA, B.S., Washington University, 1946
 HARRIS JAMES PEARSON, B.S., Missouri Valley College, 1955
 PHYLLIS SABEN PENCE, B.S., 1932
 JOYCE MARLENE PERRY, A.B., University of Michigan, 1955
 JOHN WALTER PHILLIPS, B.S., 1939
 OLVA HESTER PHILLIPS, B.S., Kansas State College (Emporia), 1956
 DEAN CHARLES PIEPER, B.S., Illinois State Normal University, 1951
 GEORGENE G. SMITH PIKORN, B.S., 1958
 ELAINE MECHALAS POLIZOS, B.S., 1952
 MARGERY EDITH RASMUSSEN, B.S., Illinois Wesleyan University, 1946
 JAMES LECIAL RAYMER, B.S., Southern Illinois University, 1955
 KENNETH EUGENE ROBBINS, B.S., Illinois State Normal University, 1956
 LEONARD DEAN ROBERTS, B.S., 1958
 HERBERT EARL RODGERS, B.S., 1956
 SAMUEL ROSEN, B.S., Northern Illinois University, 1957
 GEORGE DEE ROTH, B.S., 1957
 WANDA VOGEL RUYLE, B.S., 1956
 ANN JANET STINE SCHMIDT, B.S., Maryland State Teachers College, 1955
 MARY ELIZABETH SCHNOBRICH, B.S., 1959
 DURWARD LOUIS SCHUETZ, B.S., Illinois State Normal University, 1953
 DONALD GENE WARD SCHUTTE, A.B., 1957
 JOHN WARD SCOTT, A.B., North Central College, 1951
 ROBERT GENE SEALS, B.S., Western Illinois University, 1958
 WILLIAM EDWARD SEXTON, B.S., Eastern Kentucky State College, 1957
 CURTIS M. SHARP, Ph.B., Illinois Wesleyan University, 1954
 JOHN DAVID SHIELDS, B.S., Southern Illinois University, 1953
 DONALD GEORGE SIMPSON, A.B., McKendree College, 1958
 SISTER CELESTE ODORIZZI, A.B., Fontbonne College, 1954
 SISTER MARY ANDREW WOLF, B.S., De Paul University, 1952
 SISTER MARY DANIEL COMMERFORD, B.S., De Paul University, 1950
 ANNE FLINT SLUDER, B.S., 1950
 HELEN SPANGLER SMITH, B.Ed., Western Illinois University, 1942
 EARL EUGENE SNACK, B.S., Eastern Illinois University, 1953
 WILLIAM R. SNEDECOR, B.S., Texas Christian University, 1951
 FRANCIS EDWARD SOMERS, Ph.B., Illinois Wesleyan University, 1950
 ROSEMARY SPENCE, B.S., Illinois State Normal University, 1957
 RICHARD WALTER STANOWSKI, B.S., Northwestern University, 1950
 FRANCES DONALD STOTTS, A.B., Augustana College, 1952
 JOHN ELMER TERWILLIGER, B.S., 1958
 BRUCE THACKER, B.S., Eastern Kentucky State College, 1956
 ROY VERNON THOMAS, B.S., Southeast Missouri State College, 1957
 CHARLES LEWIS THOMPSON, B.S., 1958
 MARGIE ANN TIFFANY, B.S., Illinois State Normal University, 1944
 OMER MORRIS TOBIAS, JR., B.S., Eastern Illinois University, 1948
 CHARLES EDWIN TURNER, A.B., McKendree College, 1958
 VIOLET MERLEDEAN TYLER, B.S., Southern Illinois University, 1953
 LEWIS WAYNE UHRICH, B.S., Illinois State Normal University, 1957
 NANCY MARIE VEDRAL, A.B., Marycrest College, 1957

RUTH ANNA WAGNER, B.S., 1956
JAMES MITCHEL WALSH, B.S., Southwest Missouri State College, 1949
CHLOE LARETTA WALTON, B.Ed., Eastern Illinois University, 1942
SUSIE SKINNER WARD, A.B., Roosevelt University, 1949
JOHN JOSEPH WARMBRODT, B.S., Lincoln University, 1957
EVA ARELENE WASEM, B.Ed., Southern Illinois University, 1931
CAROL JEAN WEIDNER, B.S., Illinois State Normal University, 1957
EMIL FREDERICK WILLIAMS, A.B., McKendree College, 1957
JAMES THOMAS WILSON, B.S., Southern Illinois University, 1954
CLIFFORD CHRISTIAN YODER, B.S., Oklahoma Agricultural and Mechanical College, 1952

Degree of Master of Fine Arts

In Landscape Architecture

CHARLES OLIVER BROWN, B.S., Pennsylvania State University, 1958
KRISHAN LAL DATTA, Diploma, Sir J.J. School of Art (Bombay), 1954
THOMAS CALVIN HAZLETT, A.B., College of Wooster, 1950; B.S., Michigan State University, 1955

In Painting and Printmaking

CAROLEE SCHNEEMANN, A.B., Bard College, 1956
ALAN LOUIS STACELL, B.F.A., 1955
LAWRENCE MARVIN WILLIAMS, B.F.A., Kansas City Art Institute and School of Design, 1958

Degree of Master of Architecture

JOHN FREDERICK BRAY, A.B., Certificate, Diploma, University of Manchester, 1956, 1956, 1957
WEN-LONG CHEN, B.S., Taiwan Provincial Cheng Kung University, 1955
HARLYN ELWOOD THOMPSON, B.Arch., North Dakota Agricultural College, 1956
EARL ROY WARDRUM, B.Arch., 1957

Degree of Master of Accounting Science

MARY KATHLEEN FAHRNKOPF, B.S., 1958
EARL LARSEN KESLER, B.S., 1955

Degree of Master of Commerce

LAWRENCE ALLEN BAGGERLY, B.S., 1959
EDWARD GERARD ENNIS, B.S., Stonehill College, 1955
ELMER CHARLES MAY, B.S., 1959

Advanced Certificate

In Education

BERTHA CLARA BERNIS, B.S., M.S., 1941, 1946
ROBERT CLYDE BIERMA, A.B., Blackburn College, 1952; A.M., Washington University, 1956
PATTI VIVIAN BOLIN, A.B., B.S., Western Kentucky State College, 1928, 1931; A.M., University of Kentucky, 1938
MARY LOU CARRICO, B.S., Eastern Illinois University, 1952; Ed.M., 1955
FERNE SCHOMBURG CROUSE, B.S., A.M., 1949, 1951
HAZLE MILLER DANNER, B.S., Illinois State Normal University, 1952; M.S., Indiana State Teachers College, 1954
JOE MORRIS HIGGINS, B.Ed., M.S., Southern Illinois University, 1940, 1956
MABEL REDMAN JORDAN, B.S., Ed.M., 1952, 1954
LINDA MATTA ABDEL-MALEK MATHEWS, A.B., Cairo University, 1952; Ed.M., University of Buffalo, 1958
WARREN TAYLOR PAGE, JR., B.Ed., Western Illinois University, 1941; M.S., 1949
FRANCIS FLEMING PANKEY, B.S., Eastern Illinois University, 1950; M.S., Western Illinois University, 1955
HAROLD WILLIAM PENSTONE, A.B., Culver-Stockton College, 1951; M.S., Illinois State Normal University, 1955
BHATRA PRADITHAVANIJ, B.Ed., Chulalongkorn University, 1956; Ed.M., 1959
ALVIN WILLIAM QUINN, B.S., Ed.M., 1947, 1957

FREDERICK REED, B.S., M.S., Millikin University, 1951, 1958

ROBERT JAMES STEIN, B.S., M.S., 1954, 1955

ESTELLA PAULINE CROWLEY VOELCKER, B.S., M.S., 1939, 1947

MARGARET LONG WARD, B.S., Indiana State Teachers College, 1951; Ed.M., 1956

In Music Education

RAMON EVERALD LACOSTE, B.Mus., M.Mus., Illinois Wesleyan University, 1950, 1951

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

RICHARD ALLAN ALMQUIST

JOHN RAYMOND BRUCKER

ROBERT EDWARD GANT

RICHARD JACQUES GREEN

JAMES PAUL HART

ROBERT LEE HENSON

DALE RAY HICKS

EDMUND FREDERICK JANSEN, JR.,

Honors

RONALD ADNEY KOLLMAN

ARMIN EBERHARD KURZ

JAMES CALVIN MANUEL

DALE EDWIN MCBETH

JOHN ROGER OLSON

HARRY ERNEST REMMERS

ROBERT GEORGE SHISSLER

JOHN THOMAS SMITH

JAMES JOHN WABOL

In Food Technology

ROBERT THOMAS ANDERSEN

DEAN ANDREW BODNAR

In Home Economics

PATSYMAE HELEN EATON

VIDA MARIJA JUCAS

MARGOT FREY NOLL

NANCY ELLEN VEACH

In Home Economics Education

DONNA MILLER SHUFORD

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

RONALD PAUL BANAS

RICKARD MAROLD BLOMGREN

In Agricultural Engineering

HARRY ERNEST REMMERS

WILLIAM LORENZ SCHUBERT

STEPHEN CHARLES WOOD

In Ceramic Engineering

DEWAINE SEETS

In Civil Engineering

HAROLD JOSEPH ABRAMOWSKI

HAROLD LEE AHLBERG, High Honors

LESTER DUANE BACON

JAMES PAUL BIGGEES

JOHN ROBERT BOLDEN

DONALD MARK CARLSON, Honors

ROLF DEMOLL

RICHARD ALLEN DROGEMULLER

PHILIP EMMANUEL FARIA, Honors

JOHN MARK HEALY, High Honors

LEE CONRAD HERWIG, JR.

GERALD CHARLES HOFF

LEONARD CASIMIR KORZEN

DAVID HAROLD PAONI

VLADISLAV PRIETO SANTOS, Honors

NORMAN CLEMENT RIORDAN

ROBERT STEPHEN SCHAEFER, Honors

ROGER GEORGE SCHNOOR

HISHAM RASHID TABARI

TIN TUN

GERMÁN URDANETA-HERNÁNDEZ

RANDALL SCOTT VAN DYKE

WALTER FRANCIS VEGRZYN

RICHARD FRANK WALLACE

GUILLERMO YEPES MAYA

In Electrical Engineering

ARTHUR WILLIAM ALDRIDGE, JR.

PETE G. ANGELOPOULOS

AUGUSTO BERNAL JIMENEZ

GERALD LORING BOWES

JAMES DANIEL CENTANNI

HERBERT YU-PANG CHANG

DONALD WILLIAM DARLING, Honors
 ROBERT WILLIAM EUSTICE
 JAMES YUKIO FUJITANI
 FRANCIS EDGAR GREELEY, JR., Honors
 WILLIAM ELDER HAMMER
 WILLIAM MICHAEL HENEBRY
 JOHN CODY HOLMQUEST
 RICHARD SCOTT HOPPOUGH
 DICK TSING-PING HSU
 PETE KONIDARIS
 ROBERT CHARLES KRAMP
 BILL KAYE LANGFORD
 RAYMOND JOHN LATCHFORD
 ROGER DEAN LILLY

LOUIS MATTHEW LUTOSTANSKI
 HERNANDO MEDELLIN FORERO
 JOHN EVERETT MEECE
 ROBERT CARL MURDOCK
 ALLAN ALBERT NOSTWICK
 CLIVE JOSEPH REINWALD
 SEGUNDO MARCELINO RUBIANO MORENO
 LEONARD EUGENE SMITH
 EDMUND CHARLES STANWICH
 CARYL A. THORN
 JOHN RAY THURBER
 ALBAN MARTIN WOLIN
 GARY LEW WRIGHT

In Engineering Physics

EDWARD LOUIS GIESZELMANN
 THOMAS ERWIN GODFREY
 LESLIE ALFORD HORVE
 RICHARD CHARLES KREEGER

ELIO MARZULLO
 NAHUM RAND
 JOHN WILLARD SWANSON, JR.

In General Engineering

DAVID ALLEN BROWNLEE
 WILLIAM ALBERT GUETSCHOW, JR.
 RUSSELL JOHN HURLIMAN
 VINCENT CHARLES MANDARINO

JULIUS EDWIN MONGE
 LARRY ELLIOT SHPNER
 CLINTON GEORGE TOWNE
 WILLIAM CHARLES TUTTLE

In Industrial Engineering

JOHN MICHAEL DELANEY
 ANIBAL OSORIO SILVA

LEON ROBERT ZETER

In Mechanical Engineering

DAVID STUART ANDERSON
 CHARLES LEE GRANDE BADGER
 WILLIAM CLAUS BIALLAS
 JOHN ARTHUR BRONSON
 LEHEL DE KRIVATSY
 ROBERT JAMES GEISER
 MICHAEL EDWARD GRANT
 RONALD JACK HAKY
 ROBERT EDWARD HOLTZ, Honors
 JAMES ARTHUR JOHNSON, JR.

DEAN JAMES KUEHL, High Honors
 JAMES WILLIAM MAUCK
 DAN BRUCE McVICKAR
 DONALD RAY MUSICK
 WILLIAM RUSSELL PATTON
 VICTOR PAUPERAS
 ROBERT EDWARD ROMAN
 RICHARD ANTHONY SEILHEIMER
 NED BARCLAY WHEELER

In Metallurgical Engineering

THOMAS LINK FOLLENSBEE

ELDON ARTHUR MATTICK

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

LAWRENCE WARD AGNEW, JR., Honors
 in Liberal Arts and Sciences
 EDWARD LEON ANDERSON
 ROBERT LAWRENCE ANDRESEN
 ROBERT WILLIAM BACKOFF, Honors in
 Liberal Arts and Sciences with
 Distinction in Political Science
 MARY ANN BEAUCHAMP
 DAVID SPRINGER BOGE
 DANIEL WILLIAM BOONE
 DAVID FREDERICK BROWN
 MARJORIE ANN BUELL
 PRATHER LEROY COOPER
 NED NATHANIEL COWAN, Honors in
 Liberal Arts and Sciences

ROGER HAL DAVIS
 JOSEPH CHAUNCEY FRANCIS DEPEW
 EUGENE BARRY DINKIN
 HERBERT EISEMAN
 CHESTER GEORGE ELIAS, JR.
 THOMAS DUDLEY FERGUSON
 SAMUEL HOUSTON GORE
 PATRICIA ERNESTINE GREGANTI
 RONALD JACK HAKY, Honors in Liberal
 Arts and Sciences
 TERRY ORVILLE HELMICH
 RICHARD SAUL HOLLOBOW
 LAWRENCE KAYTON, Honors in Liberal
 Arts and Sciences
 LINDA JEAN KOHN

BRUCE WILLIAM KUSS
 NORRIS CARTER LARSON
 PATRICIA GERRITY MELKA
 HARRIET MARGIE MERLANDER
 MARIE MINNIE MITCHELL
 ROBERT LLOYD MORGAN, Honors in Liberal Arts and Sciences with Distinction in Political Science
 LYNN STADELMAN MURPHY
 LENOR GUSTAFSON NICHOLS
 MILAN G. OKLEPEK
 INGRID BAERBEL PETTY
 DARRYL JOHN PIROK
 JORGE PRATS-MARTI
 ROBERT MARTIN RICH
 LARRY KEITH RICHARDS, Honors in Liberal Arts and Sciences

ELIZABETH JOAN ROBERTS, Honors in Liberal Arts and Sciences
 RICHARD JAMES RUSSELL
 WALTER MILTON SCHRAMM
 LEAH SCHROTBERGER SCHROEDER, Honors in Liberal Arts and Sciences with Highest Distinction in History
 RAYMOND LEON SCHROEDER
 GAYLE BREUKER SOMMERFELD
 MARTIN SOMMERFIELD
 EDWIN JOHN STEINAM, JR.
 BRUCE WARREN STRAUSBERG
 DAVID PAUL TABOR
 SANDRA LEHMAN TUNG, Honors in Liberal Arts and Sciences
 PATRICIA HAGER WALL
 STEPHEN HUGHES WILLIAMS

In the Teaching of English

BARBARA ELIZABETH BARNES, Honors in Liberal Arts and Sciences
 JENNIE LOU BOSTON
 PATRICIA ANN CROSS

FRANK PETER GOODMAN
 JUNE ANN HUTCHCRAFT
 ELAINE ROSE SCHINDEL
 JANET CAROLE SCHMIDT

In the Teaching of Social Studies

SANDRA SELLERS KIONKA

EDWARD ANDREW LOUGHMILLER

In the Teaching of Spanish

MARGARET MARY KRIEGE, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum

PATRICIA ALLEN LANNON, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

Degree of Bachelor of Science

In Chemical Engineering

SEYMOUR AARON BROWN
 ANTON JOHN CAROLLO
 ROBERT BRUCE HUSTON, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

JAMES OLIVER LOVE, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
 THOMAS FRANK TROUSIL
 DARSHANLAL TILAKCHAND WASAN

In Chemistry

TOBY MARSHALL CHAPMAN, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

JOHN WILLIAM DIXON KAY
 THOMAS MICHAEL KRIGAS
 JUDITH ANN OGNIBENE

In Home Economics

BERNADINE COLEMAN THOMAS

In Liberal Arts and Sciences

NEIL STUART AGRUSS, Honors in Liberal Arts and Sciences
 JACK LEROY ARCHER
 IRWIN LIONEL BLISS
 MARILYN JEAN DAY
 ROBERT ANTHONY DEFILIPPS
 DIAMOND DONALD DETTORE
 PAUL JOHN DURAND
 DONALD EUGENE ETTER
 ARNOLD BURTON GRAUER, Honors in Liberal Arts and Sciences
 JOHN WILLIAM HAWKINS
 DANIEL JOSEPH HERMAN, Honors in Liberal Arts and Sciences

JON IRWIN ISENBERG
 JERROLD MARVIN KAPLAN, Honors in Liberal Arts and Sciences
 ATILLA KAPRALI
 MARSHALL RICHARD KESSLER
 CHARLES EDWARD KUNDE
 DONALD ALVIN LEVIN, Honors in Liberal Arts and Sciences with High Distinction in Botany
 MICHAEL PAUL LIPSICH, Honors in Liberal Arts and Sciences
 PHILLIP MARVIN LOEB
 MICHAEL THOMAS LUKERT

KEITH RICHARD MCCLOSKEY, Honors in
Liberal Arts and Sciences with
Highest Distinction in Chemistry
CHARLES EDWARD PFLUM
JAMES CALVIN REID
DAVID LEIFF ROSEMAN

WILLIAM EUGENE STEWART
MELVYN GARY VORONOFF
JOHN DANA WELCH
JOSEPH ALPHONSE ZALAR
RONALD KEITH ZIMMERMAN

In Speech Correction

MARGARET BESSEY HYINK

In the Teaching of the Biological Sciences and General Science

RICHARD JOSEPH KAMPWIRTH, Honors in Liberal Arts and Sciences

In the Teaching of Geography

VIVIAN BEELER, JR.

In the Teaching of Mathematics

MILTON BINS

LINDA ARGENTINA CORDOGIAN, Honors
in Liberal Arts and Sciences with
Distinction in the Curriculum

JUDITH ANN DELP, Honors in Liberal
Arts and Sciences with Highest
Distinction in the Curriculum

EMANUEL HURWITZ, Honors in Liberal
Arts and Sciences
ROBERT WILLIAM KUKLA

COLLEGE OF LAW

Degree of Bachelor of Laws

GERALD LEE BOYD, B.S., University of
Kansas, 1953
JAMES EDWARD CRAWFORD, A.B., 1956

THOMAS MICHAEL LAMKIN, B.S., 1959
JAMES T. OYAMA, B.S., University of
Denver, 1958

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

ROBERT ALAN DOEPP, Honors
ROBERT ECHT

FAYE GREEN RESLER
FREDA KITTINGER SHADOWEN

In the Education of Mentally Handicapped Children

JUDITH DENTON KAY

In Elementary Education

LYNN ELLEN BELL, High Honors
ROSEMARY TANKERSLEY DOUTHIT
NANCEE CLARK FINNEY
SANDRA DAVITA GOLTER, Honors
SONDRA STRONG GULLETT
SUSIE HODGSON HAYES
KATHRYN SILSBY JOHNSON
MYRA STEPHENS JONES

INA HARRIET KAPLAN
DIANE BURDICK OLSON
SAMUEL SMITH ROMINE
JANICE ELISE SCRIBANO
ADA RUTH SHEURING
MYRTLE WILLIAMS SILVA
JANET ALMA WALBERG
BARBARA ANN WORTHINGTON

In Industrial Education

ELDON WAYNE DAMERON

STANLEY EUGENE PUGH

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

TOMMY J. BRINKERHOFF, High Honors
DONALD JULIAN BRUMLIK
MYRON ARTHUR CARPENTER
STEPHEN JOEL COHEN
HAROLD FINKELSTEIN

DONALD FRANCIS FRANA
JAMES WILLIAM FRANCISSEN
HERBERT CHARLES GOLDMAN
CHARLES WILSON HINTON
LAWRENCE WALTER MARSHALL, JR.

THOMAS RICHARD MCGLENN
 WILLIAM JOHN MCVITTIE
 ROBERT RAY MILLER
 NEIL MARTIN RICHTER
 EUGENE RAPHAEL SNYDERS

KENNETH ALFRED STICKEL
 DONALD WARREN SWANSON
 LARRY LEON TROUTMAN
 CARL LEONARD WIGGINS

In Commerce and Law

FRANKLIN DAVIS GARRISON, JR.

VANCE IVAN KEPLEY

In Economics

ROBERT ANTHONY RZONCA

In Finance

RONALD KATZ FELLHEIMER
 JOHN MICHAEL LYNCH

LARRY GENE SHOWLEY
 JAMES PAUL STAES

In Industrial Administration

MICHAEL VINCENT HIPPLER
 DONALD JEROME MUCHA
 STANLEY PAUL SKLAR

ROBERT STEVEN STEIGER
 RONALD EUGENE TEMPLE

In Management

LAVERN WAYNE ALTEMEYER
 WALTER IGNATIUS DUBEK
 ANDREW JEROME ROCHELLES
 LOWELL DEAN SCHMIDT

JERRY LEE STOUT
 HAROLD JUNJI TOKUJO
 RICHARD LEE WELLEK

In Marketing

WILLIAM LAWRENCE BLAKE, JR.
 DAVID SMITH BUYHER
 WILLIAM ROGER CARLSON
 ROBERT GEORGE DES FORGES
 THOMAS PATRICK DOLAN

WILLIAM ARTHUR GRANDA
 THOMAS PETER LACKOVIC
 KEITH MILLER, High Honors
 PAUL GEORGE NEUHAUSER
 JOHN JOSEPH PAWLUS

In Secretarial Training

MADA ANN BEAUCHAMP

In Urban Land Economics

HAROLD CURTIS PLAUTZ

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Communications

JESSE WILLIAM BARR
 JOSEPH THOMAS BARTULIS
 PATRICIA ANNE TIEDJE CRANDALL
 STEVEN WELLS MENGLER

DONALD MARVIN MOYER
 CHARLES GEORGE PETTIT
 MAXINE MARSHA POSLOSKY
 PATRICIA ALMA ROLLINS

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Architecture

VYTAUTAS BALZARAS
 RODNEY MARCUS COENEN, High
 Honors
 MARTIN HANNIBAL GINOCCHIO

FRANK JOHN MOULIS
 WILLIAM POULOS
 JAMES DEAN STILLWELL

Degree of Bachelor of Fine Arts

In Advertising Design

WILLIAM ERNEST ARLOFF
 KENNETH LOUIS SCHAEFER

ZVENYSLAVA KATHERINE VYTANOVYCH

In Art Education

BLANCHE LOUISE CAMPAGNONI
 BARBARA GITLER GOLDSMITH
 SUSAN IELER NELSON
 MARGARET SHERWIN PHILIPPSON,
 High Honors

PATRICIA SCHMITT TAYLOR
 LOIS JOY TIMKO, High Honors
 MARION CAROL WOGNUM, Honors

In Industrial Design

WILLIAM JOSEPH ARMSTRONG
 ROBERT WILLIAM CARLTON
 RICHARD LYNN CRAIG
 ROBERT WARREN DOWNS, Honors

WILLIAM MICHAEL ENGLAND
 RAYMOND HOWARD PITTMAN
 JOHN EDWARD THOMSON, High
 Honors

In Landscape Architecture

BRIAN GENE WITTENKELLER

In Painting

THANE ROCKWELL HALSTEAD, JR.

Degree of Bachelor of Science*In City Planning*

KENNETH HOWARD FRITZ

In Music Education

GEORGE NEWTON HUFFMAN
 GEORGE ALLYN KENT

SISTER MARY BENEDICT BUTLER,
 High Honors

COLLEGE OF PHYSICAL EDUCATION**Degree of Bachelor of Science***In Physical Education*

RUTH ELLEN HADLER

In Recreation

HENRY LLEWELLYN CHAPMAN
 BONNIE MARIE DALLMAN
 ALVIN WILLIAM TOLLE

HELEN SUE WITTENBORN
 JACQUELINE JEANNE WOLF

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS**Degree of Bachelor of Science**

DAVID ALAN CASTEEL
 DONALD WAYNE COLAW
 LAMONTE CURTIS CORUM
 VIRGIL RAY CRANDALL
 CHARLES ARTHUR EKLUND
 JAMES WILSON FRYE

CARROLL EDWARD GAMMILL
 ROBERT GEORGE NOTMAN
 WILLIAM LEE SCHWAKE
 JOSEPH WELLS SKEHEN
 GARY OGBURN TALLY
 BERNARD KEITH WILLIAMS

*Degrees Conferred at Chicago***COLLEGE OF DENTISTRY****Degree of Bachelor of Science in Dentistry**

(Conferred June 10, 1960)

BEN DICK ALLISON, A.B., Taylor
 University, 1957
 MAX LEE BOTTRELL
 EUGENE THOMAS BUCINA
 STEPHEN JEROME COLE
 JOHN FRANCIS DALTON
 MARSHALL M. DOLNICK
 THOMAS DANIEL DOWNEY, A.B.,
 St. Ambrose College, 1953
 JOHN LARSON ELLIOTT, A.B., 1955
 GEORGE OLIVER FOSTER
 ROBERT ZANE FOX, B.S., 1957
 JEREMY SAUL GOLDBERG
 JOEL STUART GOLDBERG
 ARNOLD WARREN GORCHOW
 ROLF LEOPOLD GROSS, B.S., Loyola
 University, 1955

MARSHALL BARTON GRUNWALD
 BRUCE MORGAN HEFLIN
 DAVID H. HERZON
 RICHARD DONALD HESS, A.B., Knox
 College, 1958
 RAY ERVIN HOLLOWAY
 DAVID GERARD IMM
 EDWIN THOMAS JACH, B.S., M.S.,
 1954, 1958
 EDWARD JOEL JOHN
 WILLIAM BERNARD KORT
 KENNETH WAYNE KUEHN
 JOSEPH EDWARD KUHA, JR.,
 D.D.S., 1960
 DONALD WAYNE LAUTENBACH
 DAVID LIEBMAN
 GORDON CARL LOFGREN

FRED AKIRA MATSUMOTO
 FREDERICK JERRY MATTKA
 JOSEPH MORGAN
 DANIEL MOW
 DALE CHARLES NICKELSEN
 IVAN STUART PELTON
 ZIGMUND COLEMAN PORTER
 MORGAN COLE POWELL
 LOUIS EDWARD RAPP
 JAMES RICHARD REHAK
 DONALD MERVIN SANDERCOCK
 ROBERT RAY SCHMISSEUR

DAVID HOWARD SHARP
 HAROLD MARK SHAVELL, B.S., 1957
 KYRIAKOS SIOUKAS
 NORMAN DIXON SPEARS, B.S.,
 Colorado College, 1957
 BURTON SAUL TUREK
 ERNEST JOSEPH VISCO
 JOSEPH GEORGE WALDECK
 RAY EDWIN WHEATON
 ROBERT EUGENE WILLIAMSON
 BERNARD ASHBEL YOCKE

COLLEGE OF MEDICINE

Degree of Bachelor of Science in Medicine

(Conferred June 10, 1960)

ALEXANDER DOOLAS

COLLEGE OF NURSING

Degree of Bachelor of Science in Nursing

(Conferred September 10, 1960)

PATSY KAI-MIN DIAO

COLLEGE OF PHARMACY

Degree of Bachelor of Science in Pharmacy

(Conferred September 10, 1960)

THOMAS JAMES CECOLA

LAWRENCE JAY MANNERING

IRWIN DORFMAN

JAMES EBERT PICKENS

EUGENE ANTHONY GUALANDRI

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations and declinations; (4) leaves of absence; (5) changes in sabbatical leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ADEN, MARVILEE, Research Assistant in Medicine (Medicine), August 15, 1960-June 30, 1961, \$4,650 a year (7-18-60).

ADES, HARLOW W., Consultant in Electrical Engineering (C), one year from September 1, 1960, \$3,000 (7-27-60).

AHLBERG, HAROLD L., Research Assistant in Civil Engineering (C), nine months from September 16, 1960, \$5,400 (8-29-60).

ALEXANDER, CHARLES S., Research Assistant Professor of Geography, six months from September 1, 1960, \$3,750; and Assistant Professor of Geography, six months from March 1, 1961, \$3,750, to render service during the first semester of the academic year 1960-61, supersedes (8-11-60).

ALLEN, CHARLES M., Professor of Education, on indefinite tenure, and Associate Dean of the College of Education and Coordinator of the University Council on Teacher Education, one year from September 1, 1960, \$16,000 a year, supersedes (7-27-60).

ALLHANDS, JESSIE V., Instructor in Mathematics, academic year beginning September 1, 1960, \$5,400 (8-11-60).

ANDERSON, TRUMAN O., Research Associate in Medicine (Medicine), one year from July 1, 1960, without salary, supersedes salaried appointment (8-11-60).

ANDERSON, WILLIAM L., Project Assistant in the State Natural History Survey, one year from September 1, 1960, \$4,200 (8-27-60).

ANDREWS, RICHARD D., Assistant in Veterinary Pathology and Hygiene (College of Veterinary Medicine), August 8, 1960-August 31, 1961, \$5,000 a year (8-27-60).

APPLEGATE, SHELTON, Assistant in Biological Sciences (Chicago Undergraduate Division), nine months from September 16, 1960, \$4,600 (8-2-60).

- ARGOUEDELIS, CHRISTOS J., Assistant in Food Technology (S), one year from September 1, 1960, \$4,800 (8-19-60).
- ASCH, WALTER B., Instructor in History (Chicago Undergraduate Division), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2,300 (7-18-60).
- ASCHNER, MARY J., Research Assistant Professor in the Institute for Research on Exceptional Children, one year from September 1, 1960, \$8,500 (8-3-60).
- AXEL, PETER, Professor of Physics (C), September 1-15, 1960, \$522.22 for the period; this is an additional appointment (7-28-60).
- AZUMA, HIROSHI, Research Associate in the Bureau of Educational Research, one year from September 1, 1960, \$7,000 (7-28-60).
- BAILAR, FLORENCE L., Instructor in Mathematics, academic year beginning September 1, 1960, \$5,400 (8-11-60).
- BANKS, EDWIN M., Assistant Professor of Biological Science, Division of General Studies, and of Animal Behavior, Department of Animal Science, academic year beginning September 1, 1960, \$6,900, supersedes (8-17-60).
- BARR, THOMAS R. B., Instructor in Veterinary Pathology and Hygiene, in the State Natural History Survey, $\frac{3}{4}$ time, four months from September 1, 1960, \$383.33 a month, supersedes (7-28-60).
- BARRETT, ROBERT B., JR., Visiting Instructor in Philosophy, academic year beginning September 1, 1960, \$5,800 (7-12-60).
- BARRETT, WILLIAM B., Instructor in Accountancy, $\frac{3}{4}$ time, academic year beginning September 1, 1960, \$3,600, supersedes (6-24-60).
- BARTHA, TAMAS L., Assistant in Mathematics (Chicago Undergraduate Division), nine months from September 16, 1960, \$4,200 (8-30-60).
- BARTHEL, HAROLD O., Research Assistant Professor of Aeronautical Engineering (C), two months from July 1, 1960, \$955.56 a month; this is in addition to his present appointment (7-18-60).
- BATEMAN, FELICE D., Assistant Professor of Mathematics, $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$3,300 (8-11-60).
- BAUER, ROBERT O., Instructor in the Bureau of Business Management, one year from September 1, 1960, \$6,000 (6-28-60).
- BEHERMAN, MAX, Professor of Education in University High School, academic year beginning September 1, 1960, \$16,375, the payment of \$3,275 of this stipend being a temporary supplement based on his work with the NETRC Mathematics Study; and on indefinite tenure from September 1, 1961, to render service during each academic year, \$13,100 a year, supersedes (8-11-60).
- BECHTEL, LINWOOD G., Assistant in Physical Education for Men, nine months from September 16, 1960, \$5,000 (7-19-60).
- BERGER, CLEMENS R. A., Assistant in the Radiocarbon Laboratory, one month from July 8, 1960, \$450 (7-12-60).
- BERGERON, CLIFTON G., Research Associate in Ceramic Engineering (S), $\frac{3}{4}$ time, September 16, 1960-August 31, 1961, \$7,125 a year, supersedes (8-11-60).
- BICKFORD, MARION E., Assistant in Education, July 11-August 13, 1960, \$650 (7-19-60).
- BLUHM, ELAINE A., Instructor in Anthropology, one year from September 1, 1960, \$6,400 (8-27-60).
- BOOCOCK, JOHN R. B., Research Associate in Chemistry, four months from October 1, 1960, \$550 a month (8-24-60).
- BOONE, WILLIAM W., Professor of Mathematics, $\frac{1}{2}$ time, on indefinite tenure, and Associate Member of the Center for Advanced Study, $\frac{1}{2}$ time, September 1, 1960-August 31, 1961, to render service during the academic year, \$14,000 a year; and Professor of Mathematics, on indefinite tenure beginning September 1, 1961, to render service during each academic year, \$14,000 a year, supersedes (8-10-60).
- BORCHART, EUGENE K., Assistant in Radiology (Medicine), one year from September 1, 1960, without salary (7-27-60).
- BRANDIS, ROYALL, Associate Professor of Economics, for services in connection with 1960 Executive Development Program, June 20-July 15, 1960, \$1,044.44 for the period; this is in addition to his present appointment (8-15-60).
- BRANT, CLAUDIA, Resident Assistant, Allen Hall (North), ten months from September 1, 1960, \$1,600; for the convenience of the University she will be furnished board and room, while on duty, valued at \$31 a month (7-28-60).
- BRATTON, EDWARD W., Assistant in English, nine months from September 16, 1960, \$4,000 (7-2-60).

- BREARLEY, HARRINGTON C., JR., Research Assistant Professor of Electrical Engineering, in the Digital Computer Laboratory, one year from September 1, 1960, \$11,000, supersedes (6-22-60).
- BREWER, ROBERT L., Instructor in Veterinary Clinical Medicine (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), July 1, 1960-August 31, 1961, \$6,400 a year (7-27-60).
- BRIDGEWATER, FRANK A., Assistant to the Dean of Admissions and Records, one year from September 1, 1960, \$11,000, supersedes (6-28-60).
- BRILEY, BRUCE E., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1960, \$444.44 a month, supersedes (7-12-60).
- BROTT, EUGENE E., Instructor in English (Division of Business English), $\frac{2}{3}$ time, academic year beginning September 1, 1960, \$3,200 (8-11-60).
- BROWN, ROBERT C., Assistant in the Institute of Aviation, nine months from September 16, 1960, \$4,500 (7-18-60).
- BUCKMAN, CHARLES M., Assistant Professor of Clinical Dentistry, Patient Admissions (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1960, \$1,600 (8-30-60).
- BUDRYS, MILDA, Clinical Instructor in Medicine (Medicine), July 1, 1960-August 31, 1961, without salary (8-29-60).
- BUDZEIKA, MARIANNE, Clinical Instructor in Pediatrics (Medicine), $\frac{3}{10}$ time, one year from September 1, 1960, \$1,650, supersedes (8-29-60).
- BUTLER, BARTLETT R., Visiting Instructor in Music, academic year beginning September 1, 1960, \$6,000 (7-28-60).
- CAMBLIN, BOB, Instructor in Art, academic year beginning September 1, 1960, \$5,400 (7-2-60).
- CAMEY, MRS. LOUISE M., House Director, Delta Cooperative, ten months from September 1, 1960, \$2,000; for the convenience of the University she will be furnished board and room, while on duty, valued at \$31 a month (7-28-60).
- CAPEK, RAYMOND G., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1960, \$550 a month, supersedes (8-10-60).
- CARREL, ROBERT L., Research Associate in Electrical Engineering (C), one year from September 1, 1960, \$6,800, supersedes (7-12-60).
- CHORBIKIAN, FILOR K., Research Assistant in Psychiatry (Medicine), one year from September 1, 1960, \$4,650 (8-30-60).
- CHOW, JUDITH K., Microanalyst in Chemistry, one year from September 1, 1960, \$4,700 (7-27-60).
- CLAAR, JOHN B., Associate Director of Agricultural Extension, with rank of Professor (E), one year from September 1, 1960, \$16,000 (8-8-60).
- CLARK, JOHN P., Instructor in Sociology, academic year from September 1, 1960, \$6,500 (7-2-60).
- CLOSE, PATRICIA A., Assistant Extension Editor, with rank of Instructor (E), one year from September 1, 1960, \$5,500, supersedes her nonacademic appointment (7-18-60).
- COHEN, MENDEL F., Instructor in Philosophy, academic year beginning September 1, 1960, \$5,500 (7-12-60).
- COLE, ROBERT E., III, Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1960, \$4,800 (7-18-60).
- COLLIN, MRS. ELINOR E., Lecturer in Art, academic year beginning September 1, 1960, \$5,800 (7-5-60).
- COLMAN, MRS. FAYE M., Resident Assistant, Arbor Suites, ten months from September 1, 1960, \$1,600; for the convenience of the University she will be furnished an apartment and meals (8-2-60).
- COOVERT, RICHARD, Research Associate in Electrical Engineering (S), June 16-August 31, 1960, \$600 a month, supersedes (8-11-60).
- COX, RICHARD H., Research Associate in Psychiatry (Medicine), $\frac{3}{4}$ time, July 1, 1960-August 31, 1961, \$5,650 a year, supersedes (8-11-60).
- CRABE, ROBERT L., Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1960, \$4,700, supersedes (7-2-60).
- CRAIG, ROY R., Assistant Professor of Theoretical and Applied Mechanics (C), academic year beginning September 1, 1960, \$6,600 (8-19-60).
- DAVIS, JIM E., Instructor in Economics, academic year beginning September 1, 1960, \$6,800 (8-3-60).
- DAVISSON, MELVIN T., Assistant Professor of Civil Engineering (C and S), academic year beginning September 1, 1960, \$7,000, supersedes (9-2-60).

- DEBRUNNER, PETER G., Research Associate in Physics (C), one year from September 1, 1960, \$7,500 (7-2-60).
- DEPINTO, JOHN A., JR., Assistant in Microbiology, one year from September 1, 1960, \$5,100 (8-30-60).
- DETWILER, BETTY C., Instructor in Mathematics, academic year beginning September 1, 1960, \$6,500 (7-28-60).
- DICKERSON, DONALD R., Special Associate Chemist in the State Geological Survey, three months from October 1, 1960, \$592 a month (9-2-60).
- DICKERSON, RICHARD E., Assistant Professor of Physical Chemistry, one year from September 1, 1960, \$8,190, supersedes (7-28-60).
- DICKETT, GUST W., Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1960, \$4,500, supersedes (7-2-60).
- DICKMAN, KERN W., Research Associate in the Digital Computer Laboratory, academic year beginning September 1, 1960, \$7,000 supersedes (7-12-60).
- DIMMICK, JOHN, Research Assistant in Physiology, two months from June 16, 1960, \$450 a month, supersedes (7-12-60); and Research Associate in Physiology, one year from September 1, 1960, \$6,500 (8-24-60).
- DOBER, MRS. FRANCES M., Resident Assistant, Allen Hall (South), ten months from September 1, 1960, \$1,600; for the convenience of the University she will be furnished an apartment and meals (7-28-60).
- DODD, JEREMY S., Instructor in Landscape Architecture, academic year beginning September 1, 1960, \$6,900 (8-3-60).
- DORNBERG, OTTO, Instructor in German, academic year beginning September 1, 1960, \$5,700 (6-24-60).
- DOWNING, RONALD G., Visiting Research Associate in the Institute of Government and Public Affairs, seven months from February 1, 1961, \$5,600 (6-23-60).
- DREWS, HENRIQUE, Assistant in Electrical Engineering (C), nine months from September 16, 1960, \$4,000 (7-28-60).
- EGGER, WILLIAM, JR., Assistant Professor of Civil Engineering (C), academic year beginning September 1, 1960, \$7,000, supersedes (7-28-60).
- EGRI, TED, Lecturer in Art, academic year beginning September 1, 1960, \$5,300 (7-2-60).
- EHERNBERGER, NICOLETTE, Acquisition Assistant in the Library, one year from September 1, 1960, \$5,200 (8-24-60).
- EICHHOLZ, ALEXANDER, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1960, \$4,650 (8-8-60).
- ELLIOTT, CHARLES R., Assistant Professor of Otolaryngology (Medicine), Speech Pathologist to the Cleft Palate Training Program (Division of Services for Crippled Children), 9/10 time, and Assistant Professor of Teacher Education (Dentistry), 1/10 time, one year from September 1, 1960, \$9,800 (7-27-60).
- ELLIS, JACK A., Research Associate in the State Natural History Survey, one year from September 1, 1960, \$5,640 (8-27-60).
- ELSEY, JOHN C., Instructor in Electrical Engineering (C), 1/2 time, academic year beginning September 1, 1960, \$2,800; this is in addition to his appointment as Bendix Aviation Corporation Teaching Fellow in Electrical Engineering (7-27-60).
- EMMERING, THOMAS E., Instructor in Radiology (Dentistry), one year from September 1, 1960, \$7,000, supersedes (8-30-60).
- ETTER, DONALD E., Research Assistant in the State Water Survey, August 15, 1960-June 30, 1961, \$5,400 a year (8-10-60).
- EVERSON, TILDEN C., Clinical Associate Professor of Surgery (Medicine), 1/4 time, two months from July 1, 1960, \$300 a month, supersedes (7-12-60).
- FAHRNKOPF, MARY K., Instructor in the Graduate School of Business Administration (College of Commerce and Business Administration), one year from September 1, 1960, \$6,000 (7-5-60).
- FIEDLER, FRED E., Associate Professor of Psychology, August 16-31, 1960, \$494.44; this is in addition to his present appointment (8-24-60).
- FISCH, MAX H., Professor of Philosophy, 1/3 time, on indefinite tenure, and Associate Member of the Center for Advanced Study, 2/3 time, for six months from March 1, 1961, \$14,700 a year; and Professor of Philosophy, on indefinite tenure from September 1, 1961, \$14,700 a year, to render service during each academic year, supersedes (6-23-60).

- FRANCIS, GUNA, Research Assistant in Clinical Science (Medicine), two months from July 1, 1960, without salary, supersedes salaried appointment (7-2-60).
- FRENCH, JAMES L., Instructor in Mechanical Engineering (C), academic year beginning September 1, 1960, \$6,000, supersedes (8-19-60).
- FREIRICHS, ALMUT K., Research Assistant in Chemistry, one month from August 16, 1960, \$411 (8-13-60).
- FROELICH, GUSTAV J., Acting Director of the Bureau of Institutional Research, one year, with rank of Associate Professor, on indefinite tenure, from September 1, 1960, \$11,000 a year, supersedes (8-30-60).
- FRUCHTMAN, STANLEY A., Research Assistant in Medicine (Medicine), two months from July 1, 1960, \$387.50 a month (7-18-60).
- FULCHER, CHARLES E., Research Assistant in Agronomy (S), July 1, 1960-August 31, 1961, \$5,300 a year, supersedes (8-3-60).
- FULTON, ROBERT E., Assistant Professor of Civil Engineering (C), academic year beginning September 1, 1960, \$6,500, supersedes (7-28-60).
- GEORGIU, GEORGE T., Physician in the Health Service (Chicago Professional Colleges), $\frac{3}{4}$ time, one year from September 1, 1960, \$6,500 (8-30-60).
- GIESELMAN, ROBERT D., Instructor in Business English, academic year beginning September 1, 1960, \$4,500 (7-28-60).
- GILMORE, THOMAS B., Assistant in English, nine months from September 16, 1960, \$4,000, supersedes (8-11-60).
- GINSBERG, JAMES, Clinical Assistant Professor of Psychiatry (Medicine), $\frac{3}{10}$ time, one year from September 1, 1960, \$3,000, supersedes (8-11-60).
- GLADISH, ROBERT W., Instructor in English (Chicago Undergraduate Division), to render service during the first semester of the academic year, September 1, 1960-January 31, 1961, \$2,400 (7-2-60).
- GLISSENDORF, OWEN F., Assistant Editor, with rank of Assistant Professor of Agriculture (S), one year from September 1, 1960, \$8,000, supersedes (7-12-60).
- GOLDSMITH, HENRY J., Research Associate in Medicine (Medicine), four months from July 1, 1960, \$500 a month, supersedes (8-11-60).
- GOVINDJEE, Research Assistant in Botany, two months from July 1, 1960, \$366.66 a month (7-19-60).
- GRAY, JOSEPH L., III, Instructor in Foreign Languages (Chicago Undergraduate Division), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2,400 (6-25-60).
- GREEN, AARON, Librarian in the Library and in the Institute of Labor and Industrial Relations, with rank of Assistant Professor, one year from September 1, 1960, \$7,750 (8-8-60).
- GREENFIELD, GEORGE B., Clinical Instructor in Radiology (Medicine), $\frac{1}{4}$ time, one year from September 1, 1960, \$3,250 (7-12-60).
- GRIMM, CLYDE L., JR., Assistant in English, nine months from September 16, 1960, \$4,200, supersedes (7-2-60).
- GRUBBS, EDWARD J., Research Assistant in Chemistry, January 11-August 31, 1961, \$5,200 a year (8-27-60).
- GUDAUSKAS, ROBERT T., Assistant in Plant Pathology (S), two months from July 1, 1960, \$366.66 a month, supersedes (7-18-60).
- GUNTER, RICHARD L., Instructor in English as a Foreign Language, academic year beginning September 1, 1960, \$5,000 (7-28-60).
- GUSS, CYRUS O., Visiting Lecturer in Chemistry, $\frac{1}{2}$ time, nine months from September 16, 1960, \$3,900 (7-28-60).
- GUTH, SHERMAN L., Research Assistant in Psychology, August 16-31, 1960, \$400 a month (8-15-60).
- HAERTLING, GENE H., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1960, \$550 a month, supersedes (8-10-60).
- HAGER, LOWELL P., Research Assistant Professor of Chemistry, two months from July 1, 1960, \$1,000 a month (7-28-60).
- HAKE, HAROLD W., Associate Professor of Psychology, August 16-22, 1960, \$255.55; this is in addition to his present appointment (9-1-60).
- HAKKI, BASIL W., Research Assistant Professor of Electrical Engineering (C), one year from September 1, 1960, \$9,500 (9-2-60).
- HALKO, ARLENE A., Clinical Assistant Professor of Radiology (Medicine), one year from September 1, 1960, without salary (7-2-60).

- HANLEY, JOHN T., Instructor in Civil Engineering (C), $\frac{1}{4}$ time, academic year beginning September 1, 1960, \$1,650; this is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Civil Engineering, supersedes (8-19-60).
- HARBY, CAROLINE, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1960, \$4,650, supersedes (9-2-60).
- HARNISH, BENJAMIN F., III, Instructor in Architecture, academic year beginning September 1, 1960, \$5,500, supersedes (7-18-60).
- HARPER, ANNE Y., Research Assistant in the Bureau of Economic and Business Research, September 19, 1960-August 31, 1961, \$4,650 a year (8-8-60).
- HARRISON, JOHN C., Instructor in Library Science (Graduate School of Library Science), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$4,000 (8-13-60).
- HART, MRS. ALICE G., Assistant Professor of Mathematics, academic year beginning September 1, 1960, \$7,000, supersedes (8-13-60).
- HASTINGS, J. WOOLAND, Research Assistant Professor of Chemistry, two months from June 16, 1960, \$922.50 a month; this is in addition to his present appointment (7-12-60).
- HAWKINS, HELEN A., Head Resident, Taft House, ten months from September 1, 1960, \$4,200; for the convenience of the University she will be furnished board and room, while on duty, valued at \$31 a month (7-18-60).
- HEAGARTY, MARY A., Assistant in English, nine months from September 16, 1960, \$3,800 (8-8-60).
- HEALY, JAMES H., Research Assistant in Mechanical Engineering (C), one year from September 1, 1960, \$5,640 (8-19-60).
- HEATER, NANCY L., Engineering Library Assistant (Library), one year from September 1, 1960, \$5,400, supersedes (7-2-60).
- HEDEGAARD, JENS, Research Associate in Chemistry, one year from September 1, 1960, \$5,500 (8-8-60).
- HENNESSEY, JAMES J., Instructor in Art, academic year beginning September 1, 1960, \$5,300 (7-2-60).
- HERRING, TOD H., Instructor in Industrial Education, academic year beginning September 1, 1960, \$5,800 (8-3-60).
- HERSON, EDWARD J., Assistant in English, nine months from September 16, 1960, \$3,800 (8-2-60).
- HERTEL, MARGARET S., Serials Assistant in the Library, one year from September 1, 1960, \$5,200 (7-29-60).
- HICHENS, MARTIN, Research Associate in Chemistry, one year from September 1, 1960, \$5,500 (8-13-60).
- HINMAN, NORMAN H., Assistant in Animal Science (S), one year from July 1, 1960, \$4,800 (7-18-60).
- HINTON, ROYCE A., Assistant Professor of Farm Management (Agricultural Economics) (S), August 1, 1960-August 31, 1961, \$8,000 a year, supersedes (8-13-60).
- HODGES, RALPH R., JR., Research Associate in Electrical Engineering (S), $\frac{3}{4}$ time, one year from September 1, 1960, \$4,800 (7-2-60).
- HOLDEN, MATTHEW, JR., Research Associate in the Institute of Government and Public Affairs, September 16, 1960-January 31, 1961, \$500 a month (8-11-60).
- HOLLEY, EDWARD G., Education, Philosophy, and Psychology Librarian, with rank of Instructor (Library), one year from September 1, 1960, \$7,700, supersedes (7-2-60).
- HULSEY, ELIZABETH B., Reference Assistant in the Library, one year from September 1, 1960, \$5,400, supersedes (7-2-60).
- HOLLINGSWORTH, JOSEPH R., Instructor in History, academic year beginning September 1, 1960, \$6,000 (7-28-60).
- HOOPS, MRS. HELEN W., Assistant in Speech, September 16, 1960-January 31, 1961, \$2,100 (7-28-60).
- HOTTA, YASUO, Research Associate in Botany, one year from September 1, 1960, \$5,500 (7-28-60).
- HRADEK, RICHARD W., Research Associate in Theoretical and Applied Mechanics (C), $\frac{3}{4}$ time, academic year beginning September 1, 1960, \$3,467, supersedes (8-19-60).
- HUANG, TSENG, Assistant Professor of Civil Engineering (S), academic year beginning September 1, 1960, \$6,300, supersedes (9-2-60).

- HUNDLEBY, JOHN D., Research Associate in Psychology, one year from September 1, 1960, \$6,000 (8-17-60).
- HUNT, MARIANNE, Assistant in English (Chicago Undergraduate Division), nine months from September 16, 1960, \$4,200 (7-2-60).
- HUSSEY, MARY A., Instructor in English, academic year beginning September 1, 1960, \$5,700 (7-2-60).
- ISOLINE, CHARLES J., Assistant Extension Editor, with rank of Assistant Professor (E), one year from September 1, 1960, \$7,700, supersedes (8-13-60).
- ITO, RIKUMA, Research Assistant in the Bureau of Economic and Business Research (College of Commerce and Business Administration and Graduate College), one year from September 1, 1960, \$4,775 (7-29-60).
- JACOBS, NICHOLAS J., Research Associate in Dairy Science (S), one year from September 1, 1960, \$6,000 (8-19-60).
- JANN, BARBARA M., Research Assistant in Chemistry, one year from September 1, 1960, \$5,000 (6-25-60).
- JANSEN, MATHILDA J., Research Assistant Professor in the Institute of Communications Research, 9/10 time, nine months from September 1, 1960, \$5,400 (6-24-60).
- JENSIK, ROBERT J., Clinical Associate Professor of Surgery (Medicine), $\frac{1}{2}$ time, July 1, 1960-August 31, 1961, \$2,400 a year, supersedes nonsalaried appointment (7-28-60).
- JONES, JOAN M., Instructor in Chemistry (Chicago Undergraduate Division), academic year beginning September 1, 1960, \$5,800 (8-29-60).
- KABLER, MILTON N., Research Associate in Metallurgical Engineering (C), one year from September 1, 1960, \$7,500, supersedes (8-27-60).
- KAPLAN, HERBERT H., Instructor in History, academic year beginning September 1, 1960, \$5,500 (7-27-60).
- KARNI, SHLOMO, Assistant Professor of Electrical Engineering (C), academic year beginning September 1, 1960, \$6,500 (7-28-60).
- KARSH, BERNARD, Associate Professor of Sociology, College of Liberal Arts and Sciences on $\frac{1}{4}$ time, and Institute of Labor and Industrial Relations on $\frac{3}{4}$ time, indefinite tenure from September 1, 1960, \$11,750 a year, supersedes (8-29-60).
- KEITH, WALTER M., Associate Professor of Landscape Architecture, one month from July 1, 1960, $\frac{3}{4}$ time, \$780; this is in addition to his present appointment (8-24-60).
- KELLEY, WILBUR A., Research Assistant in Horticulture (S), one year from September 1, 1960, \$5,520 (7-19-60).
- KELLY, MRS. LORENE M., Assistant to the Dean of Women, $\frac{1}{2}$ time, nine months from September 16, 1960, \$1,900 (8-12-60).
- KEMMAN, ROBERT C., Visiting Lecturer in Education, $\frac{1}{2}$ time, June 20-August 13, 1960, \$800 (7-18-60).
- KENNYBREW, ALONZO H., Research Assistant in the Institution for Tuberculosis Research (Chicago Professional Colleges), one year from September 1, 1960, \$6,000 (8-3-60).
- KHANNA, SHANTI S., Research Assistant in Agronomy (S), July 1, 1960-August 31, 1961, \$5,400 a year, supersedes (7-18-60).
- KIBLER, VICTOR A., Assistant Professor of Architecture, academic year beginning September 1, 1960, \$7,200 (7-12-60).
- KIEFER, EDGAR F., Research Associate in Chemistry, one year from October 1, 1960, \$5,700 (8-24-60).
- KIEN, GERALD A., Assistant Professor of Pharmacology (Medicine), academic year beginning September 1, 1960, \$8,500 (7-18-60).
- KIM, MRS. NANCY S., Research Assistant in Botany, June 16-August 31, 1960, \$400 a month (7-19-60).
- KINDLSPERGER, RONALD, Research Assistant in Pedodontics (Dentistry), one year from September 1, 1960, \$4,800 (8-30-60).
- KIRK, HAROLD Q., Clinical Assistant Professor of Ophthalmology (Medicine), 15/100 time, one year from September 1, 1960, \$1,500 (7-28-60).
- KIRSCHFELD, SIGRID J., Research Associate in Animal Science (S), October 1, 1960-August 31, 1961, \$5,800 a year (8-10-60).
- KOLB, PHILIP, Professor of French, $\frac{1}{2}$ time, on indefinite tenure, and Associate Member of the Center for Advanced Study, $\frac{1}{2}$ time, one year from Sep-

- tember 1, 1960, to render service during each academic year, \$12,000 a year; his appointment will revert to the conditions of his previous appointment as of September 1, 1961 (6-11-60).
- KORD, VICTOR G., Instructor in Art, academic year beginning September 1, 1960, \$5,300 (7-2-60).
- KOSEKI, YUICHI, Research Associate in the Institution for Tuberculosis Research (Chicago Professional Colleges), one year from September 1, 1960, \$7,500 (7-12-60).
- KRIECKHAUS, EDWARD E., Research Assistant in Electrical Engineering (S), one year from September 1, 1960, \$5,250 (6-24-60).
- KRIMMER, BURTON M., Clinical Instructor in Ophthalmology (Medicine), $\frac{1}{2}$ time, one year from September 1, 1960, \$1,500 (7-28-60).
- KUO, MAU-HUAI, Research Associate in Dairy Science (S), September 6, 1960-August 31, 1961, \$6,200 a year (8-27-60).
- LAFont, MRS. FRANCES M., Assistant in Home Economics (S), one year from September 1, 1960, \$4,800 (8-13-60).
- LAMB, JOHN H., JR., Instructor in Civil Engineering (S), $\frac{1}{4}$ time, September 1, 1960-February 28, 1961, \$116.67 a month; this is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Civil Engineering for the first semester of the academic year 1960-61, supersedes (8-19-60).
- LAMBERT, ROBERT J., Research Assistant in Plant Breeding (Agronomy) (S), one year from September 1, 1960, \$5,200 (8-27-60).
- LANDWEHR, GOTTFRIED, Research Associate in Electrical Engineering (S), $\frac{1}{2}$ time, one year from September 1, 1960, \$3,400, supersedes (7-27-60).
- LANGE, CHARLES, Research Associate in Biological Chemistry (Medicine), one year from September 1, 1960, \$6,500 (8-8-60).
- LEARNER, AARON, Associate Professor of Pathology (Medicine), 10/100 time, indefinite tenure from September 1, 1960, \$1,200 a year (8-13-60).
- LEICHNER, MRS. E. JEANNINE, Research Associate in the Coordinated Science Laboratory (C), $\frac{1}{2}$ time, one year from September 1, 1960, \$3,400 (9-2-60).
- LEININGER, MRS. DOROTHEA, Resident Assistant, Allen Hall (South), ten months from September 1, 1960, \$1,600; for the convenience of the University she will be furnished an apartment and meals (8-27-60).
- LEKAN, EUGENE C., Research Associate in Oral and Maxillofacial Surgery (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1960, \$3,750 (8-13-60).
- LENER, ISIDOR, Instructor in Physics (Chicago Undergraduate Division), to render service during the first semester of the academic year, September 1, 1960-January 31, 1961, \$3,300 (8-13-60).
- LEVY, LUCRETIA, Instructor in Mathematics, 5/12 time, academic year beginning September 1, 1960, \$2,625; this is in addition to her nonacademic appointment as Assistant to the Editor of the Illinois Journal of Mathematics on 7/12 time (8-12-60).
- LIEPINS, KURT, Research Assistant in Clinical Science (Medicine), two months from July 1, 1960, without salary, supersedes salaried appointment (7-2-60).
- LILJEQUIST, JON L., Instructor in Mechanical Engineering (Shop Laboratories) (Chicago Undergraduate Division), academic year beginning September 1, 1960, \$7,000 (7-19-60).
- LINDSTROM, DAVID E., Professor of Rural Sociology in the College of Agriculture, Jabalpur, M.P., India, under Contract ICAC-1453, two years from September 15, 1960, \$12,800 a year; in addition to salary, allowances as provided in the Standardized United States Government Civilian Allowance Regulations (Foreign Areas) as from time to time amended, will also be paid; and Professor of Rural Sociology, Department of Agricultural Economics (C and S) and Department of Sociology (College of Liberal Arts and Sciences), indefinite tenure from September 15, 1962, supersedes (8-13-60).
- LITTLE, ELLIS B., Assistant Dean of Liberal Arts and Sciences (Chicago Undergraduate Division), one year from September 1, 1960, \$9,800 supersedes (7-18-60).
- LITZ, KATHERINE, Visiting Lecturer in Physical Education for Women, to render service during the second semester of the academic year, February 1-June 15, 1961, \$3,000 (8-8-60).
- LOESCH, JOHN, Assistant Professor of Psychiatry (Medicine), July 1, 1960-August 31, 1961, \$12,300 a year, supersedes (8-13-60).

- LOFGREN, LARS E., Visiting Research Assistant Professor of Electrical Engineering (C), one year from September 1, 1960, \$8,800, supersedes (9-2-60).
- LOFTISS, EUGENE W., Assistant in Speech, nine months from September 16, 1960, \$4,000 (8-17-60).
- LORBE, RUTH E., Instructor in German, academic year beginning September 1, 1960, \$6,000 (6-25-60).
- LORD, REXFORD D., JR., Research Associate in the State Natural History Survey, one year from September 1, 1960, \$6,480 (8-27-60).
- LUTON, JOSEPH M., JR., Assistant in the Institute of Aviation, nine months from September 16, 1960, \$4,050 (8-17-60).
- LUX, DONALD G., Associate Professor of Industrial Education, on indefinite tenure, and Counselor on the University Council on Teacher Education (Teacher Training Counseling), for one year, \$9,150 a year, and Assistant Dean of the College of Education, for one year at an additional salary of \$500, total salary, \$9,650 a year, from September 1, 1960, to render service during the academic year, supersedes (8-3-60).
- MACINTYRE, JAMES M., Assistant in English, nine months from September 16, 1960, \$4,200 supersedes (7-2-60).
- MACPHEE, ROBERT H., Research Assistant in Electrical Engineering (S), one year from September 1, 1960, \$5,650 (7-2-60).
- MALM, NORMAN R., Research Associate in Plant Pathology (S), July 15, 1960-August 31, 1961, \$6,000 a year, supersedes (8-13-60).
- MANGAN, KENNETH R., Research Associate in the Institute for Research on Exceptional Children, academic year beginning September 1, 1960, without salary (8-24-60).
- MANN, DENNIS K., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine), $\frac{3}{4}$ time, one year from September 1, 1960, \$4,650 (7-2-60).
- MARSH, RICHARD R., Professor of Food Technology (Division of University Extension), $\frac{2}{3}$ time, indefinite tenure, and Assistant Director of the University Honors Programs (Provost's Office), $\frac{1}{3}$ time, one year from September 1, 1960, \$11,000 a year, supersedes (7-14-60).
- MARSHALL, THOMAS C., Research Associate in Electrical Engineering (S), $\frac{3}{4}$ time, one year from September 1, 1960, \$5,700 (7-12-60).
- MARTIN, CLIFFORD K., Assistant in Soil Fertility (Agronomy) (S), one year from September 1, 1960, \$4,800 (8-27-60).
- MARTIN, DAVID M., Assistant in English, nine months from September 16, 1960, \$3,800 (7-2-60).
- MARTINI, NAEL, Instructor in Surgery (Medicine), $\frac{7}{10}$ time, one year from July 1, 1960, \$4,000 (7-18-60).
- MARVEL, MRS. KATHRYNE E., Resident Assistant, Allen Hall, ten months from September 1, 1960, \$1,600; for the convenience of the University she will be furnished board and room, while on duty, valued at \$31 a month (6-25-60).
- MCCALLUM, DOUGLAS M., Visiting Lecturer in Political Science, February 1-June 15, 1961, \$4,000 (8-13-61).
- MCCOLLEY, ROBERT M., Instructor in History, academic year beginning September 1, 1960, \$6,000 (7-27-60).
- MCINERNEY, JAMES F., Assistant in Mathematics (Chicago Undergraduate Division), September 16, 1960-January 31, 1961, \$2,000 (8-3-60).
- MCINTYRE, LUCY M. S., Resident Assistant, Arbor Suites, ten months from September 1, 1960, \$1,800; for the convenience of the University she will be furnished an apartment and meals while on duty (7-18-60).
- MCNABB, WILLIAM J., Instructor in Oral and Maxillofacial Surgery (Dentistry), $\frac{3}{10}$ time, one year from September 1, 1960, \$2,175 (8-3-60).
- MCPHERSON, WARREN G., Clinical Assistant Professor of Psychiatry (Medicine), one year from September 1, 1960, without salary (8-29-60).
- MEDANSKY, ROLAND S., Instructor in Dermatology (Medicine), $\frac{3}{10}$ time, one year from September 1, 1960, \$1,650 (8-3-60).
- MEINHARDT, WARREN L., Assistant in Spanish, academic year beginning September 1, 1960, \$5,400 (8-24-60).
- MELE, STEPHEN A., Instructor in Operative Dentistry (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1960, \$3,300 (7-18-60).

- MEYER, FRANCIS A., Instructor in the Institute of Aviation, one year from September 1, 1960, \$7,500 (6-22-60).
- MIKOLACZYK, HENRY L., Associate Professor of Architecture (Chicago Undergraduate Division), Summer Session of 1960, two months from June 20, 1960, \$2,089 for the period (8-3-60).
- MILLER, DONALD L., Visiting Lecturer in Music, and Headmaster, Elementary String Camp (Division of University Extension), Summer Session of 1960, July 10-23, 1960, \$200 for the period; for the convenience of the University he will receive board and room while on duty (7-12-60).
- MILOSH, JOSEPH E., Assistant in English, nine months from September 16, 1960, \$3,800 (7-2-60).
- MINAMI, KAZUMORI, Research Associate in Chemistry, one year from September 1, 1960, \$6,000, supersedes (7-12-60).
- MIRON, MURRAY S., Research Assistant Professor in the Institute of Communications Research (Graduate College), $\frac{2}{3}$ time, and Assistant Professor of Psychology (College of Liberal Arts and Sciences), $\frac{1}{3}$ time, academic year beginning September 1, 1960, \$6,750 (6-22-60).
- MISIASZEK, EDWARD T., Assistant Professor of Civil Engineering (C), academic year beginning September 1, 1960, \$6,800, supersedes (7-28-60).
- MITCHELL, GERTRUDE M., Assistant Head Resident, Lincoln Avenue Residence (South), ten months from September 1, 1960, \$4,200; for the convenience of the University she will be furnished meals, while on duty, valued at \$21 a month (7-7-60).
- MITRI, TALAAT K., Research Assistant in the State Natural History Survey, $\frac{1}{2}$ time for nine months from September 1, 1960, and full time for three months from June 1, 1961, \$370 a month (6-27-60).
- MODUTHAGAM, MICHAEL, Assistant in Physics, Department of Chemistry (Pharmacy), nine months from September 16, 1960, \$3,800 (8-13-60).
- MOORE, JAMES E., Assistant in Home Economics (C), one year from September 1, 1960, \$5,400 (8-19-60).
- MORCH, ERNST T., Clinical Professor of Anesthesiology, Department of Surgery (Medicine), indefinite tenure from July 1, 1960, without salary, supersedes salaried appointment (7-12-60).
- MORRIS, CHARLES E., Research Associate in Education (University High School), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2,750 (6-18-60).
- MOSS, JAMES W., Research Associate in the Institute for Research on Exceptional Children, academic year beginning September 1, 1960, \$6,900 (8-11-60).
- MOYAR, GERALD J., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1960, \$6,300 (6-17-60).
- MUNRO, CLARE, Research Associate in Psychiatry (Medicine), July 1, 1960-April 30, 1961, \$541.67 a month (7-12-60).
- NAOUMIDES, MARK, Instructor in the Classics, including supervision of the Museum of European Culture, academic year beginning September 1, 1960, \$5,400 (8-3-60).
- NARASINGA-RAO, KOTCHERLAKOTA V., Research Assistant in Electrical Engineering (S), one year from September 1, 1960, \$5,000 (7-18-60).
- NICHOLS, BRYAN W., Research Associate in Chemistry, one year from September 1, 1960, \$5,800 (6-17-60).
- NICHOLS, ROGER C., Research Assistant in Nuclear Engineering (C), August 23-November 15, 1960, \$1,168.88 (8-11-60).
- NORTON, OLIVER W., Spectroscopist in Chemistry, one year from September 1, 1960, \$7,200, supersedes (8-15-60).
- NOSKER, HERBERT D., Assistant Extension Editor, with rank of Instructor (E), one year from September 1, 1960, \$6,200 (8-24-60).
- OBATA, MORIO, Visiting Assistant Professor of Mathematics, Summer Session of 1960, June 20-August 13, 1960, \$1,667 for the period (7-22-60); and to render service during the first semester of the academic year, September 16, 1960-January 31, 1961, \$833.34 a month (7-20-60).
- OLSEN, IRVING S., Instructor in Foreign Languages (Chicago Undergraduate Division), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2,750 (7-2-60).
- OLSEN, RAYMOND E., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine), two months from July 1, 1960, \$483.33 a month, supersedes (7-19-60); and one year from September 1, 1960, \$7,500, supersedes (8-27-60).

- OLSON, ROY E., Assistant Professor of Civil Engineering (C), eleven months from October 1, 1960, to render service during the academic year, \$6,300 a year, supersedes (7-28-60).
- OMORI, DOROTHY K., Instructor in Occupational Therapy (Medicine), one year from September 1, 1960, \$6,400 (7-18-60).
- OWENS, JOAN M., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), $\frac{3}{4}$ time, September 12, 1960-August 31, 1961, \$4,600 a year (9-6-60).
- OWENS, RHODELL E., Lecturer in Recreation (College of Physical Education), September 16, 1960-January 31, 1961, \$800 (6-20-60).
- PACHMUSS, TEMIRA, Instructor in Russian, academic year beginning September 1, 1960, \$6,500 (7-28-60).
- PAINTER, NORMAN W., Lecturer in Sociology, academic year beginning September 1, 1960, \$7,500 (7-12-60).
- PAK, JINGYAL, Assistant in Mathematics, September 16, 1960-January 31, 1961, \$422.22 a month (7-28-60).
- PALMER, JOHN R., Assistant Professor of Education, academic year beginning September 1, 1960, \$6,800 (8-22-60).
- PAPAGEORGIS, DEMETRIOS, Research Assistant in Psychology, one month from July 16, 1960, \$400, supersedes (7-28-60).
- PARKS, JOE M., Research Associate in Chemistry, $\frac{1}{2}$ time, one year from September 1, 1960, \$3,600; this is in addition to his appointment as United States Public Health Postdoctoral Fellow in Chemistry on $\frac{1}{2}$ time, supersedes (8-13-60).
- PATTON, WILLARD T., Instructor in Electrical Engineering (C), academic year beginning September 1, 1960, \$6,930, supersedes (8-19-60).
- PAUL, SHERMAN, Professor of English on indefinite tenure, and Associate Member of the Center for Advanced Study, March 1-August 31, 1961, to render service during each academic year, \$13,400 a year; and Professor of English, on indefinite tenure beginning September 1, 1961, to render service during each academic year, \$13,400 a year, supersedes (6-23-60).
- PAWLIK, KURT, Research Associate in Psychology, one year from September 1, 1960, \$5,600 (6-17-60).
- PECK, JAMES R., Instructor in English (Chicago Undergraduate Division), academic year beginning September 1, 1960, \$5,600 (7-2-60).
- PERELMUTER, SAMUEL, Instructor in Biological Sciences (Chicago Undergraduate Division) $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2,400 (7-18-60).
- PERLMUTTER, DANIEL D., Research Assistant Professor of Chemical Engineering, two months from June 16, 1960, \$789 a month; this is in addition to his present appointment (8-8-60).
- PETERS, JOSEPH A., Research Assistant in Mathematics, August 15-September 3, 1960, \$260.14 (8-17-60).
- PETERS, STANLEY, Research Assistant in the Institute for Research on Exceptional Children, two months from June 16, 1960, \$400 a month, supersedes (8-8-60).
- PIERSON, IRENE D., Lecturer in Recreation (College of Physical Education), September 16, 1960-January 31, 1961, without salary; this is in addition to her appointment as Social Director of the Illini Union (6-18-60).
- PINTER, JOYCE K., Research Assistant in Preventive Medicine (Medicine), August 1, 1960-August 31, 1961, \$5,000 a year (8-30-60).
- PINTO, LEONARD J., Instructor in Sociology (Chicago Undergraduate Division), $\frac{2}{5}$ time, academic year beginning September 1, 1960, \$2,200 (8-8-60).
- PLATT, GEORGE M., Research Associate and Staff Counsel for the Municipal Law Codification Project, Institute of Government and Public Affairs, five months from September 1, 1960, \$833.33 a month (6-18-60).
- POTEMPA, SYLVESTER, Instructor in Physical Sciences (Chicago Undergraduate Division), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2,900 (6-21-60).
- POTTLE, CHRISTOPHER, Research Associate in the Coordinated Science Laboratory (C), $\frac{1}{2}$ time, one year from September 1, 1960, \$3,400 (8-29-60).
- PRANGER, ROBERT J., Instructor in Political Science, academic year beginning September 1, 1960, \$6,000 (8-13-60).

- PREVIC, EDWARD P., Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1960, \$4,650 (6-17-60).
- PRICE, BARBARA P., Assistant in Home Economics (C), nine months from September 16, 1960, \$4,650 (9-2-60).
- PRICE, THORNTON W., Associate Professor of Mechanical Engineering (C), $\frac{1}{2}$ time, and Assistant Coordinator for Engineering in the Provost's Office, $\frac{1}{2}$ time, under Contract ICAC-1220, one year from September 1, 1960 (on Y basis) \$11,400; and Associate Professor of Mechanical Engineering (C), on indefinite tenure beginning September 1, 1961, to render service during each academic year, \$9,300 a year, supersedes (8-13-60).
- PRINCE, LOUISE, Head Resident, Noble House, ten months from September 1, 1960, \$4,200; for the convenience of the University she will also be furnished an apartment and meals, valued at \$31 a month, supersedes (7-28-60).
- PRINCE, THOMAS R., Instructor in Accountancy, $\frac{1}{4}$ time, academic year beginning September 1, 1960, \$1,200 (6-17-60).
- PROFF, FRED C., Associate Professor of Education, $\frac{1}{2}$ time, August 14-27, 1960, \$244.44 (8-15-60).
- RACKIN, PHYLLIS, Assistant in English, nine months from September 16, 1960, \$3,800 (6-22-60).
- RAGAB, MOHAMED H. H., Research Associate in Vegetable Crops (Horticulture) (S), one year from September 1, 1960, \$7,000 (8-8-60).
- RAMA RAO, PALAMANDA B., Research Associate in Animal Science (S), one year from September 1, 1960, \$5,700 (7-18-60).
- RASMUSSEN, MRS. LORE, Visiting Research Associate in Education, August 15-20, 1960, \$167 (8-24-60).
- REDDY, THOMAS B., Research Associate in Chemistry, ten months from September 1, 1960, \$5,500 a year (7-19-60).
- REID, ERNEST A., Professor of Electrical Engineering (College of Engineering and Graduate College), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$4,500 (7-28-60).
- REIMER, BENNETT, Instructor in Education, Office of Teacher Placement, academic year beginning September 1, 1960, \$6,500 (8-11-60).
- REINER, IRMA M., Assistant Professor of Mathematics, $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$3,600 (8-12-60).
- RENICK, THEODORE F., Counselor in the Student Counseling Service, Provost's Office, five months from September 1, 1960, \$566.67 a month (7-27-60).
- RITCHIE, MRS. FLORENCE, Resident Assistant, Arbor Suites, ten months from September 1, 1960, \$1,600; for the convenience of the University she will also be furnished an apartment and meals (8-27-60).
- ROBBINS, WALTER L., Instructor in German, academic year beginning September 1, 1960, \$5,700 (6-25-60).
- ROBERT, BARBARA, Research Associate in Biological Chemistry (Medicine), one year from September 1, 1960, \$6,700 (8-8-60).
- ROBERTS, JOHN R., Assistant in English, nine months from September 16, 1960, \$4,200, supersedes (7-2-60).
- ROBINET, McLOUIS J., Assistant in Physics, Department of Chemistry (Pharmacy), nine months from September 16, 1960, \$3,800 (8-15-60).
- ROBINSON, WILFRED K., Assistant in the Institute of Aviation, nine months from September 16, 1960, \$4,500 (6-18-60).
- ROOTS, BETTY I., Visiting Assistant Professor of Physiology, nine months from September 16, 1960, \$6,500 (8-27-60).
- ROSENSTEIN, HERBERT R., Instructor in Applied Materia Medica and Therapeutics (Dentistry), $\frac{3}{4}$ time, one year from September 1, 1960, \$2,800 (8-29-60).
- ROSTAS, FRANCOIS M., Research Assistant in Electrical Engineering (S), eleven months from October 1, 1960, \$5,000 a year (9-2-60).
- ROTH, MARTIN, Assistant in English (Chicago Undergraduate Division), to render service during the first semester of the academic year, September 16, 1960-January 31, 1961, \$466.67 a month (7-7-60).
- ROWE, RICHARD L., Assistant in English, nine months from September 16, 1960, \$3,800 (7-2-60).
- ROWIN, GERALD, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1960, \$4,650, supersedes (8-30-60).
- RUSSMAN, BURTON A., Clinical Instructor in Ophthalmology (Medicine), $\frac{1}{2}$ time, one year from September 1, 1960, \$1,500 (7-27-60).

- SABINE, CLARK L., Instructor in Occupational Therapy (Medicine), one year from September 1, 1960, \$5,900 (7-18-60).
- SALKASKAS, NIJOLE A., Instructor in Applied Materia Medica and Therapeutics (Dentistry), one year from September 1, 1960, \$7,000, supersedes (8-29-60).
- SAMPSON, JESSE, Professor of Veterinary Physiology and Pharmacology and Head of the Department (College of Veterinary Medicine) and Professor of Veterinary Research (Agricultural Experiment Station), indefinite tenure beginning September 1, 1960, \$12,900 a year, supersedes (7-14-60).
- SANDERSON, GLEN C., Research Associate in the State Natural History Survey, one year from September 1, 1960, \$6,000 (8-27-60).
- SANFORD, EDWARD T., Acting Director of the Undergraduate Scholarship Program, Office of Admissions and Records, one year from September 1, 1960, \$9,600, supersedes (8-22-60).
- SANGSTER, WILLIAM, Professor of Biological Sciences, on indefinite tenure, and Acting Chairman of the Division, one year (Chicago Undergraduate Division), to render service during each academic year, beginning September 1, 1960, \$10,200 a year, supersedes (7-18-60).
- SANKOVITCH, ANATOL, Clinical Instructor in Surgery (Medicine), July 1, 1960-August 31, 1961, without salary (7-27-60).
- SATO, TAKEO, Research Associate in Chemistry, one year from October 1, 1960, \$5,700 (8-24-60).
- SATTERLEE, MARILYN M., Assistant Acquisition Librarian, with rank of Assistant Professor (Library), one year from September 1, 1960, \$7,500, supersedes (8-11-60).
- SAVIO, MARY A., Assistant in English, nine months from September 16, 1960, \$3,800 (7-2-60).
- SAVOY, MICHAEL, Instructor in Physical Sciences (Chicago Undergraduate Division), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2,900 (6-21-60).
- SCHAFFNER, BETTE T., Instructor in Home Economics (C), academic year beginning September 1, 1960, \$5,400 (7-27-60).
- SCHEYER, FREDERICK D., Assistant in the Institute of Aviation, nine months from September 16, 1960, \$4,050 (8-17-60).
- SCHMIDT, JOHN E., Instructor in Veterinary Anatomy and Histology (College of Veterinary Medicine), one year from September 1, 1960, \$6,500, supersedes (8-13-60).
- SCHNEIDER, JOHN M., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$1,000, supersedes (7-27-60).
- SCHOOLMAN, HAROLD M., Clinical Assistant Professor of Medicine (Medicine), eleven months from October 1, 1960, without salary (8-29-60).
- SCHWARZ, ENRIQUE, Assistant Professor of Radiology (Medicine), $\frac{3}{4}$ time, one year from September 1, 1960, \$10,650, supersedes (7-12-60).
- SCOGGINS, JAMES L., Assistant in English, nine months from September 16, 1960, \$3,800 (7-2-60).
- SECTER, IRVING I., Instructor in Patient Admissions (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1960, \$1,400 (8-29-60).
- SEN, ARUN K., Clinical Assistant Professor of Anesthesiology, in the Department of Surgery (Medicine), July 1, 1960-August 31, 1961, without salary (7-27-60).
- SEN GUPTA, RANAJIT, Research Associate in Chemistry, three months from September 1, 1960, \$1,500 (8-13-60).
- SHANNON, MRS. BARBARA M., Assistant in Home Economics (C and S), one year from September 1, 1960, \$5,100 (7-28-60).
- SHANNON, DONALD T., Assistant Professor of Psychology, academic year beginning September 1, 1960, \$7,800, supersedes (7-28-60).
- SHEN, FA-CHUN, Research Assistant in Civil Engineering (S), July 1-September 15, 1960, \$466.67 a month (7-18-60).
- SHERMAN, MARILYN J., Assistant in Education (University High School), nine months from September 16, 1960, \$4,700 (8-30-60).
- SHIN, KOO C., Research Associate in Civil Engineering (S), $\frac{3}{4}$ time, September 15, 1960-August 31, 1961, to render service during the academic year, \$3,900 a year (8-8-60).
- SHKLAIR, IRVING L., Research Associate in Applied Materia Medica and Therapeutics (Dentistry), $\frac{1}{10}$ time, one year from September 1, 1960, \$800 (8-29-60).

- SHOULDERS, MRS. BETTY K., Assistant Head Resident, Lincoln Avenue Residence (North), ten months from September 1, 1960, \$420 a month; for the convenience of the University she will be furnished meals, while on duty, valued at \$21 a month (7-18-60).
- SHUGRUE, MICHAEL F., Instructor in English, academic year beginning September 1, 1960, \$5,800 (8-13-60).
- SIMIOS, NICHOLAS, Instructor in Operative Dentistry (Dentistry), $\frac{3}{4}$ time, one year from September 1, 1960, \$3,000, supersedes (8-29-60).
- SINHA, RANA P., Research Associate in Ophthalmology (Medicine), July 1, 1960-March 31, 1961, without salary (7-27-60).
- SIPPY, RODNEY E., Instructor in Full and Removable Partial Dentures (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1960, \$3,300 (6-25-60).
- SLANKER, MRS. BARBARA O., Library Assistant in the Library, one year from September 1, 1960, \$5,400, supersedes (7-12-60).
- SLOAN, THOMAS O., Assistant Professor of Speech and Theater, academic year beginning September 1, 1960, \$6,300, supersedes (8-24-60).
- SMALLEY, WEBSTER L., Assistant Professor of Speech, academic year beginning September 1, 1960, \$6,300, supersedes (7-12-60).
- SMITH, CEDRIC M., Associate Professor of Pharmacology (Medicine), indefinite tenure beginning September 1, 1960, \$13,200 a year, supersedes (8-11-60).
- SMITH, ROBERT I., Research Associate in the State Natural History Survey, one year from September 1, 1960, \$5,880 (8-27-60).
- SONS, GLEN F., Instructor in Agricultural Extension and Assistant State Leader of Farm Advisers (E), one year from September 1, 1960, \$10,000 (8-8-60).
- SOPHIANOPOULOS, JUDITH, Research Associate in Chemistry, one year from September 1, 1960, \$5,700 (8-15-60).
- SPILLMAN, CHARLES K., Assistant in Agricultural Engineering (S), June 20-August 13, 1960, \$400 a month, supersedes (8-3-60); and one year from September 1, 1960, \$4,800 (9-1-60).
- SPRENKLE, CASE M., Research Assistant in Economics, in the College of Commerce and Business Administration on $\frac{1}{2}$ time, and in the Graduate College on $\frac{1}{2}$ time, two months from July 1, 1960, \$1,555.56 for the period (7-21-60); and Assistant Professor of Economics, academic year beginning September 1, 1960, \$7,000, supersedes (7-7-60).
- STACHNIAK, JOSEPH, Instructor in Fixed Partial Prosthodontics (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1960, \$3,500, supersedes (8-29-60).
- STANSEL, HORACE C., Instructor in Surgery (Medicine), $\frac{7}{10}$ time, one year from July 1, 1960, \$4,000 (7-18-60).
- STEIMLEY, LEONARD L., Associate Professor of Mathematics, August 15-September 11, 1960, \$280 (9-1-60).
- STEIN, LASZLO, Instructor in Audiology, Department of Otolaryngology (Medicine), one year from September 1, 1960, \$6,800 (8-13-60).
- STEINBERG, MARVIN A., Research Assistant in the Institute for Research on Exceptional Children, two months from June 16, 1960, \$400 a month, supersedes (7-28-60).
- STEINHARDT, MARY-DELL M., Research Assistant in Chemistry, two months from June 16, 1960, \$400 a month (7-28-60).
- STEINRAUF, LARRY K., Assistant Professor of Physical Chemistry, $\frac{1}{2}$ time, and Research Assistant Professor of Chemistry, $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$6,400, supersedes (8-29-60).
- STRIEGLER, KLAUS B., Research Associate in Chemistry, one year from September 1, 1960, \$5,500 (6-18-60).
- SUGAI, MASUO, Research Associate in Food Technology (S), one year from September 1, 1960, \$5,500 (7-2-60).
- SWARTS, CHARLES L., Instructor in Pediatrics (Medicine), $\frac{1}{2}$ time, one year from September 1, 1960, \$2,750 (8-29-60).
- SWENEY, ARTHUR B., Research Assistant Professor of Psychology, academic year beginning September 1, 1960, \$7,400 (7-7-60).
- SYED, AMNA K., Instructor in Education, six months from September 1, 1960, to render service during the first semester of the academic year, \$458.33 a month (9-6-60).
- TAKAYAMA, NORIYUKI, Instructor in Surgery (Medicine), $\frac{3}{4}$ time, one year from July 1, 1960, \$3,600 (7-12-60).

- TALBOT, GEORGE A., Lecturer in Sociology, one year from September 1, 1960, \$6,500 (7-12-60).
- TELLING, FERN, Housemother in the Speech Summer Residential Program, Summer Session of 1960, June 20-August 13, 1960, \$250 for the period, supersedes her previous Summer Session appointment (8-2-60).
- THOMSON, ROBB M., Associate Professor of Physical Metallurgy (C), two months from June 16, 1960, \$933.33 a month; this is in addition to his present appointment (7-28-60).
- THUDIUM, D. ESTHER, Instructor in Hygiene and Psychiatric Social Worker in the Health Service, one year from September 1, 1960, \$7,200 (8-13-60).
- TRIANDAFILIDIS, GEORGE E., Assistant Professor of Civil Engineering (C), academic year beginning September 1, 1960, \$6,800, supersedes (7-28-60).
- TUCK, SAMMIE, JR., Research Assistant in Physical Medicine and Rehabilitation (Medicine), one year from September 1, 1960, \$5,400, supersedes (7-7-60).
- TUCKER, ROSS N., Research Associate in Metallurgical Engineering (C), one year from September 1, 1960, \$7,500, supersedes (8-27-60).
- ULLMAN, ROBERT W., Visiting Lecturer in Education, July 18-August 13, 1960, \$1,100 (7-19-60).
- VAUGHAN, HERBERT E., Professor of Mathematics, academic year beginning September 1, 1960, \$12,000; and Professor of Mathematics, on indefinite tenure beginning September 1, 1961, to render service during each academic year, \$9,000 a year, supersedes (8-19-60).
- VERDEYEN, JOSEPH T., Instructor in Electrical Engineering (S), one year from September 1, 1960, \$7,800, supersedes (7-2-60).
- VOGEL, WADE W., Assistant in the Institute of Aviation, nine months from September 16, 1960, \$4,050 (6-18-60).
- VORBECK, JOSEPH F., Assistant in the Institute of Aviation, nine months from September 16, 1960, \$4,500 (6-18-60).
- WAITZ, MRS. JANET L., Reference Assistant in the Library, one year from September 1, 1960, \$5,350, supersedes (7-7-60).
- WALDBAUER, GILBERT P., Assistant Professor of Entomology, academic year beginning September 1, 1960, \$6,000, supersedes (7-2-60).
- WALDIE, SUE L., Research Assistant in the Bureau of Economic and Business Research, one year from September 1, 1960, \$4,775 (7-18-60).
- WALKER, DIANNE, Undergraduate Library Assistant (Library), one year from September 1, 1960, \$5,350, supersedes (7-12-60).
- WALKER, HELEN E., Visiting Lecturer in Library Science (Graduate School of Library Science), $\frac{1}{4}$ time, academic year beginning September 1, 1960, \$1,600 (8-13-60).
- WALLACE, CHRISTOPHER S., Research Associate in the Digital Computer Laboratory, eleven months from October 1, 1960, \$6,200 a year (6-22-60).
- WANG, SHU-YUNG, Research Associate in Oral Pathology (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1960, \$4,360, supersedes (7-27-60).
- WARE, EDWARD E., Research Assistant Professor in the Institute of Communications Research, one year from September 1, 1960, \$7,700 (7-19-60).
- WEATHERFORD, MRS. MARY A., Microanalyst in Chemistry, September 12, 1960-August 31, 1961, \$4,700 a year (9-2-60).
- WEBB, ROBERT J., Professor of Agricultural Research and Extension and Adviser to Farm Manager Tarai State Farm, Rudrapur, U.P. India, November 1, 1959-October 31, 1961, \$14,300 a year; in addition, allowances and expenses will be paid as provided in the Standardized United States Government Civilian Allowance Regulations (Foreign Service) as applied to services in India; and Superintendent of Dixon Springs Experiment Station and Professor of Agricultural Research and Extension (S and E), on indefinite tenure beginning November 1, 1961, \$12,000 a year; for the convenience of the University he will also be furnished housing, supersedes (7-18-60).
- WEINBERG, ELLIOT C., Instructor in Mathematics, academic year beginning September 1, 1960, \$7,000 (7-28-60).
- WEINSTEIN, SHIRLEY, Instructor in Medical Social Work (Medicine), $\frac{1}{4}$ time, ten months from September 1, 1960, \$127.50 a month, supersedes (9-2-60).
- WEINSWIG, PATRICIA A., Assistant in Pharmacy (Pharmacy), nine months from September 16, 1960, \$3,800 (7-7-60).
- WENAAS, PAUL E., Instructor in Chemistry, $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2,400 (9-6-60).

- WESTMEYER, PAUL, Assistant Professor of Education (University High School), academic year beginning September 1, 1960, \$7,600, supersedes (8-13-60).
- WESTON, PATRICIA G., Research Assistant in Chemistry, nine months from September 16, 1960, \$3,800 (6-18-60).
- WETMORE, LOUIS B., Professor of City and Regional Planning, Department of City Planning and Landscape Architecture, July 1-August 15, 1960, \$2,300; this is in addition to his present appointment (8-24-60).
- WHITE, MARGARET, Assistant in English, September 16, 1960-January 31, 1961, \$422.22 a month (8-17-60).
- WHITENER, ROBERT W., Psychiatrist and Associate Professor of Hygiene in the Health Service, indefinite tenure beginning September 1, 1960, \$15,000 a year, supersedes (7-28-60).
- WICKS, MALCOLM J., Instructor in Mathematics, to render service during the first semester of the academic year, September 16, 1960-January 31, 1961, \$3,000 (7-22-60).
- WILD, WOLFGANG, Research Associate in Physics (C), September 15-October 31, 1960, \$650 a month (8-24-60).
- WILLIAMS, EDWARD W., Assistant in Animal Science (C and S), two months from July 1, 1960, \$366.67 a month (7-18-60).
- WILLIAMS, THOMAS H., Research Associate in Accountancy, $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2,500 (7-5-60).
- WILLIS, ALICE, Visiting Lecturer in Library Science (Graduate School of Library Science), $\frac{1}{4}$ time, academic year beginning September 1, 1960, \$2,000 (8-13-60).
- WILSON, BETTY R., Extramural Loans Librarian, with rank of Assistant (Library), one year from September 1, 1960, \$5,450, supersedes (7-2-60).
- WILSON, HAROLD K., Assistant Professor of Dairy Technology (Food Technology), in the College of Agriculture on $\frac{3}{10}$ time, and in the Agricultural Experiment Station on $\frac{7}{10}$ time, one year from September 1, 1960, \$7,350 (7-2-60).
- WILSON, PAUL E., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1960, \$5,600 (6-17-60).
- WINTON, HENRY J., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$3,200; this is in addition to his appointment as Hewlett-Packard Company Teaching Fellow in Electrical Engineering (8-8-60).
- WOZNIAK, ROBERT S., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2,700 (6-17-60).
- WRIGHT, JUDITH S., Assistant in Chemistry, nine months from September 16, 1960, \$3,800 (8-3-60).
- YANKOVSKY, SAUL A., Research Assistant in Microbiology, one year from September 1, 1960, \$5,200, supersedes (8-27-60).
- YUSKEN, JOHN W., Research Associate in Radiology (Medicine), one year from September 1, 1960, \$7,250, supersedes (7-12-60).
- ZACCARIA, LUCY C., Assistant Professor of Psychology, and Supervisor for Test Research and Services and Counselor in the Student Counseling Service (Chicago Undergraduate Division), one year from September 1, 1960, \$9,100 (6-17-60).
- ZACHMAN, HELEN, Cataloger, with rank of Instructor (Library), one year from September 1, 1960, \$5,500 (8-11-60).
- ZAHNER, LOUIS C., Visiting Professor of Education (University High School), nine months from September 16, 1960, \$11,700 (7-28-60).
- ZIMMERMAN, MRS. MARIE, Counseling Assistant in the Student Counseling Service, nine months from September 16, 1960, \$4,500 (9-2-60).
- ZIPFRODT, MARILYN F., Assistant in Speech and Theater, September 16, 1960-January 31, 1961, \$422.22 a month (8-24-60).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- ANDERSEN, BURTON R., United States Public Health Service Postdoctoral Research Fellow (Special) in Medicine (Chicago Professional Colleges), one year from July 1, 1960, without stipend (8-19-60).

- BAER, DANIEL, United States Public Health Service Student Fellow in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1960, \$600 (8-30-60).
- BEAMAN, DONALD R., Inland Steel Foundation Fellow in Metallurgical Engineering, nine months from September 16, 1960, \$2,400 (7-22-60).
- BOROWITZ, GENE H., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1960, \$3,600 (7-15-60).
- BRAKE, JON M., Charles Pfizer Fellow in Chemistry, nine months from September 16, 1960, \$2,000 (8-16-60).
- BUZDYGAN, DANUTA J., Center for Handicapped Children Fellow (Trainee) (Chicago Professional Colleges), eleven months from October 1, 1960, \$5,000 (8-30-60).
- CARBERRY, MARTHA M., United States Public Health Service Fellow (Trainee) in Education, two months from June 16, 1960, \$500 (7-27-60).
- COOPER, LESLIE M., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$3,000 (8-8-60).
- ENDRES, JOSEPH G., United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1960, \$2,200, supersedes (8-1-60).
- FERRER, JOSE L., Cancer Clinic Trainee (Tumor Clinic) (Chicago Professional Colleges), one year from July 1, 1960, \$3,600 (8-16-60).
- FRIEDMAN, STEPHEN B., United States Public Health Service Fellow (Trainee) in Microbiology, nine months from September 16, 1960, \$1,800 (7-29-60).
- GOVINDJEE, Postdoctoral Fellow in Physiology-Biophysics, nine months from October 1, 1960, \$4,500 (9-2-60).
- HANSON, RICHARD S., United States Public Health Service Fellow (Trainee) in Microbiology, nine months from September 16, 1960, \$1,800 (7-29-60).
- HAYASHI, MASAKI, United States Public Health Service Fellow (Trainee) in Microbiology, nine months from September 16, 1960, \$1,800 (7-29-60).
- HOLMES, PETER K., United States Public Health Service Fellow (Trainee) in Microbiology, nine months from September 16, 1960, \$1,800 (7-29-60).
- IRGENS, ROAR L., United States Public Health Service Fellow (Trainee) in Microbiology, three months from June 16, 1960, \$600 (7-8-60).
- JACOBSON, MARCUS A., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1960, \$3,600 (7-15-60).
- JANADO, MASANOBU, United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1960, \$2,200 (8-1-60).
- JOHNSON, HAROLD J., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$3,000 (8-8-60).
- KAEBERLE, MERLIN L., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, one year from June 16, 1960, \$1,500 (8-9-60).
- KANO-SUEOKA, TANIKO, United States Public Health Service Fellow (Trainee) in Microbiology, nine months from September 16, 1960, \$1,800 (7-29-60).
- KUNIN, SAMUEL S., Student Public Health Service Fellow in the Chicago Professional Colleges, two months from July 1, 1960, \$600 (6-17-60); and United States Public Health Service Student Fellow in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1960, \$600 (8-30-60).
- LANGFORD, ROBERT P., United States Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1960, \$700 (8-2-60).
- LEEDOM, JOHN M., United States Public Health Service Postdoctoral Research Fellow (Special) in Medicine (Chicago Professional Colleges), one year from July 1, 1960, without stipend (8-13-60).
- LOOKER, JEROME J., Charles Pfizer Fellow in Chemistry, nine months from September 16, 1960, \$1,800 (7-22-60).
- LUNN, HUEY N., General Electric Foundation Teaching Fellow in Accountancy, nine months from September 16, 1960, \$1,000 (7-1-60).
- MARQUINEZ, ANA C., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), four months from September 1, 1960, \$1,000 (7-15-60).
- MARSHALL, WILLIAM E., JR., United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1960, \$2,200 (8-1-60).

- MASON, RICHARD A., National Institutes of Health Fellow (Trainee) in Veterinary Medical Science, one year from August 1, 1960, \$6,700 (6-2-60).
- MAURER, EVA D., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$1,800 (8-8-60).
- MCCLURE, MELVIN T., General Electric Foundation Fellow in Accountancy, nine months from September 16, 1960, \$1,000 (7-1-60).
- MCQUEEN, RALPH D., National Institutes of Health Fellow (Trainee) in Veterinary Medical Science, one year from July 1, 1960, \$2,900 (8-9-60).
- MEYEROVITZ, ROBERT, United States Public Health Service Student Fellow in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1960, \$600 (8-30-60).
- MILLER, JOHN P., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3,000 (7-8-60).
- MUSLIN, HYMAN, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), six months from July 1, 1960, \$1,800 (7-15-60).
- PAPAGEORGIS, DEMETRIOS, United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$2,400 (8-8-60).
- PARKS, JOE M., United States Public Health Service Postdoctoral Fellow in Chemistry, $\frac{1}{2}$ time, one year from September 1, 1960, \$3,600; this is in addition to his appointment as Research Associate in Chemistry, $\frac{1}{2}$ time (8-13-60).
- PERCHONOK, KENNETH S., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$1,800 (8-8-60).
- PERKINS, CHARLES W., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$2,000 (8-8-60).
- PIECHOWSKI, MICHAEL, United States Public Health Service Fellow (Trainee) in Microbiology, September 16, 1960-January 31, 1961, \$900 (7-29-60).
- PIEPER, WILLIAM, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1960, \$3,000 (7-15-60).
- PIORKOWSKI, GERALDINE K., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$2,400 (8-8-60).
- PRINCE, THOMAS R., General Electric Foundation Teaching Fellow in Accountancy, nine months from September 16, 1960, \$1,000 (7-1-60).
- REEVE, SYDNEY JOAN, United States Public Health Service Fellow (Trainee) in Microbiology, nine months from September 16, 1960, \$1,800 (7-29-60).
- RUSSELL, PETER B., Teaching Fellow in Mathematics, nine months from September 16, 1960, \$1,000, superseded (7-26-60).
- SAMPSON, LAWRENCE, United States Public Health Service Fellow (Trainee) in Medicine (Chicago Professional Colleges), July 1-September 15, 1960, \$600 (7-15-60).
- SCHULMAN, ROBERT E., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$2,400 (8-8-60).
- SOLOWAY, HARRY, United States Public Health Service Student Fellow in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1960, \$600 (8-30-60).
- STONE, WILLIAM G., Seymour Vestermark Fellow (American Psychiatric Association) (Chicago Professional Colleges), two months from July 1, 1960, \$600 (7-19-60).
- STORCK, ROGER L., Postdoctoral Fellow in Microbiology, one year from September 1, 1960, \$7,500 (8-27-60).
- SZULCZYNSKI, TADEUSZ, Postdoctoral Fellow in Civil Engineering, one year from September 1, 1960, \$4,200 (5-6-60).
- TERWILLIGER, JAMES S., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$2,400 (8-8-60).
- UNGER, LEON, United States Public Health Service Fellow (Trainee) in Microbiology, nine months from September 16, 1960, \$1,800 (7-29-60).
- VANEGEREN, LAWRENCE F., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$1,800 (8-8-60).
- WEBER, DENNIS F., United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), one year from September 1, 1960, \$4,500 (7-26-60).

- WEINBERG, HOWARD, United States Public Health Service Student Fellow in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1960, \$600 (8-30-60).
- WHITMAN, JOHN M., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1960, \$3,000 (7-15-60).
- WIELAND, ANNA M., Fight for Sight Summer Student Fellow in Ophthalmology (Chicago Professional Colleges), three months from July 1, 1960, \$600 (7-5-60).
- WILCOX, DAVID L., Lead Industries Association Fellow in Ceramic Engineering, nine months from September 16, 1960, \$2,000 (8-2-60).
- WILLIAMS, DONALD H., United States Public Health Service Post-Sophomore (Medical) Research Fellow (Chicago Professional Colleges), one year from July 1, 1960, \$3,200 (7-7-60).
- WRIGHT, WILLIAM V., United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1960, \$2,200, supersedes (8-1-60).
- ZALIS, ORESTE, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1960, \$3,000 (7-15-60).

RESIGNATIONS AND DECLINATIONS

- ACKERT, MRS. HELEN O., Instructor in Nursing—resignation effective August 31, 1960.
- ALAUPOVIC, PETAR, Research Associate in Animal Science—resignation effective September 1, 1960.
- ALLEN, RICHARD R., National Science Foundation Cooperative Fellow in Physics—resignation effective September 1, 1960.
- ANDERSEN, BURTON R., Research Assistant in Medicine (Medicine)—resignation effective July 1, 1960.
- APPELL, ALICE J., Assistant Acquisition Librarian, with rank of Assistant Professor—declination effective September 1, 1960.
- BAKER, PETER E., Fellow in Geology—resignation effective September 16, 1960.
- BARKER, VICTOR G., Fellow in Business Administration—resignation effective September 16, 1960.
- BATELL, THOMAS F., Assistant in English—resignation effective September 16, 1960.
- BAUM, BARBARA, Research Assistant in Education (University High School)—resignation effective March 31, 1960.
- BAY, MRS. ANCILLA S., Microanalyst in Chemistry—resignation effective September 14, 1960.
- BERKWITS, EDWARD, Physician in the Health Service (Chicago Professional Colleges)—resignation effective May 24, 1960.
- BILLINGER, WILBERT, Registered Pharmacist (Pharmacy)—resignation effective September 1, 1960.
- BOATMAN, RALPH H., Lecturer in Public Health, with rank of Assistant Professor (Medicine)—resignation effective September 1, 1960.
- BROWN, ROGER K., Instructor in Education—declination effective July 18, 1960.
- BRUNSCHWIG, FREDERIC, Research Associate in Electrical Engineering—declination effective September 1, 1960.
- CHAO, BEI TSE, Professor of Mechanical Engineering, two months from June 16, 1960—resignation effective July 16, 1960.
- CHIPMAN, WILMON B., Research Assistant in Chemistry—resignation effective July 16, 1960.
- CHOW, JUDITH K., Microanalyst in Chemistry—declination effective September 1, 1960.
- COLE, ROBERT E., III, Instructor in Economics (Chicago Undergraduate Division)—declination effective September 1, 1960.
- CRAIG, JEWEUS, Research Associate in Plant Pathology—resignation effective August 26, 1960.
- CRUZ, NORA J., Fellow in Communications—resignation effective September 16, 1960.
- CUMMINS, RICHARD L., Research Assistant in the Digital Computer Laboratory—resignation effective August 1, 1960.

- DAVIS, BARBARA E., Music Library Assistant, with rank of Instructor — declination effective September 1, 1960.
- DICKENS, RUTH E., Assistant in Rural Recreation — resignation effective October 23, 1960.
- DILLMAN, PHILLIP, Assistant in English — declination effective September 16, 1960.
- DUST, ALVIN I., Assistant in English — resignation effective September 16, 1960.
- FOSDICK, ERICA R., Assistant in Education (University High School) — declination effective September 16, 1960.
- FRENCH, JAMES L., Engineering Faculty Development Teaching Fellow in Mechanical Engineering — resignation effective September 1, 1960.
- FRIERMOOD, MARGARET J., Resident Assistant, Allen Hall — declination effective September 1, 1960.
- GANTT, MARGARET E., Research Associate in Medicine (Medicine) — declination effective September 1, 1960.
- GARMAN, PAUL M., Assistant Coordinator of School and University Articulation — declination effective September 1, 1960.
- GERLER, WILLIAM, Clinical Counselor in the Student Counseling Service, with rank of Assistant Professor — declination effective September 1, 1960.
- GOLDSMITH, HENRY J., Research Associate in Medicine (Medicine) — declination effective September 1, 1960.
- GREATHOUSE, TERRY R., Instructor in Animal Science Extension — resignation effective October 1, 1960.
- GUPTA, OM P., Assistant Professor of Applied Materia Medica and Therapeutics (Dentistry) — resignation effective September 1, 1960.
- HAMMER, JOHN G., Associate Professor of Civil Engineering — resignation effective October 1, 1960.
- HARADA, MASARO, Instructor in Applied Materia Medica and Therapeutics (Dentistry) — declination effective September 1, 1960.
- HEAGARTY, MARY A., Teaching Fellow in English — resignation effective September 16, 1960.
- HINMAN, NORMAN H., Assistant in Animal Science — resignation effective September 1, 1960.
- HOOPS, HELEN W., Assistant in Speech — declination effective September 16, 1960.
- HUBER, WILLIAM G., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science — resignation effective September 1, 1960.
- JAMBOR, JAMES J., Assistant Professor of Dermatology (Medicine) — resignation effective September 1, 1960.
- KENNIEBREW, ALONZO, Research Assistant in the Institution of Tuberculosis Research (Chicago Professional Colleges) — declination effective September 1, 1960.
- KETCHUM, JERALD W., Assistant in English — declination effective September 16, 1960.
- KOLKER, HAROLD J., National Science Foundation Cooperative Fellow in Chemistry — resignation effective September 15, 1960.
- KRISHNA, KUMAR, Instructor in Biological Sciences (Chicago Undergraduate Division) — declination effective September 1, 1960.
- KREZYWOLOCKI, M. ZBIGNIEW, Professor of Aeronautical Engineering — declination effective September 1, 1960.
- KUMAR, HARDARSHAN, Fellow in Botany — resignation effective September 16, 1960.
- LAUCHNER, JULIAN H., Research Associate Professor of Ceramic Engineering — declination effective September 1, 1960.
- LEE, DONALD A., Research Associate in the Coordinated Science Laboratory — declination effective September 1, 1960.
- LEEDOM, JOHN M., Research Assistant in Medicine (Medicine) — declination effective July 1, 1960.
- LEFORT, HENRY G., Research Associate in Ceramic Engineering — resignation effective August 1, 1960.
- LEWIS, MRS. ORDA E., Mathematics Institute Fellow in Mathematics — resignation effective September 16, 1960.
- LIND, NIELS C., Assistant Professor of Theoretical and Applied Mechanics — resignation effective September 1, 1960.
- MACEY, ROBERT, Assistant Professor of Physiology (Medicine) — declination effective September 1, 1960.

- MANGAN, KENNETH R., Associate Professor of Education in the Institute for Research on Exceptional Children—declination effective September 1, 1960.
- MCALLEESE, DESMOND M., Research Associate in Animal Science—resignation effective September 1, 1960.
- MCDONOUGH, GEORGE F., Assistant Professor of Civil Engineering—declination effective September 1, 1960.
- MCGREW, ELIZABETH A., Associate Professor of Pathology (Medicine), and Associate Pathologist in the Research and Educational Hospitals—resignation effective September 1, 1960.
- MEDLEY, KEITH G., Assistant Professor of Anesthesiology (Medicine)—resignation effective July 1, 1960.
- METTA, VENKATA C., Research Assistant Professor of Animal Nutrition (Animal Science)—resignation effective September 1, 1960.
- METZGER, MARY J., Fellow in the Chicago Professional Colleges—resignation effective September 1, 1960.
- MITCHELL, GEORGE E., JR., Assistant Professor of Animal Science—resignation effective September 17, 1960.
- MOON, CARL A., Assistant in English—declination effective September 16, 1960.
- MORGAN, JAMES J., Instructor in Civil Engineering—declination effective September 1, 1960.
- MOUNT, WILLIAM J., Instructor, and Specialist in Food Merchandising and Consumer Education—resignation effective July 15, 1960.
- NENADOVICH, LUBITSA, Assistant in English—declination effective September 16, 1960.
- NOJIMA, SHOSHICHI, Research Associate in Chemistry—resignation effective July 16, 1960.
- NUNNALLY, JUM C., JR., Associate Director of University Honors Programs, Associate Dean of the College of Liberal Arts and Sciences, and Associate Professor of Psychology—declination effective September 1, 1960.
- OTSU, TAKAYUKI, Research Associate in Chemistry—resignation effective August 25, 1960.
- RHODES, MRS. CHARLOTTE K., Assistant in Home Economics—resignation effective September 1, 1960.
- SANER, REGINALD, Assistant in English—resignation effective September 16, 1960.
- SAXTON, GEORGE A., Director of Research in the Respiratory Center, with rank of Associate Professor (Medicine and Research and Educational Hospitals)—declination effective September 1, 1960.
- SCHAEFFLER, WILHELM F., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station)—resignation effective September 12, 1960.
- SCHOONOVER, DAVID M., Assistant in Agricultural Economics—declination effective September 1, 1960.
- SCHUETZ, WARREN H., Instructor in Education (University High School)—resignation effective September 1, 1960.
- SCOTT, ROBERT B., Assistant Professor of Pharmacy Administration (Pharmacy)—resignation effective September 1, 1960.
- SHIELDS, DONALD H., Fellow in Civil Engineering—resignation effective September 16, 1960.
- SHIN, KOO C., Research Associate in Civil Engineering—declination effective September 15, 1960.
- SINAIKO, H. WALLACE, Research Assistant Professor in the Coordinated Science Laboratory and Research Assistant Professor of Psychology—resignation effective September 1, 1960.
- SMITH, GARMOND S., Research Associate in Animal Science—declination effective September 1, 1960.
- SPAETH, JOE L., Instructor in Sociology (Chicago Undergraduate Division)—resignation effective September 1, 1960.
- SPUHLER, HAROLD A., Research Associate in Electrical Engineering—declination effective September 1, 1960.
- STACHNIAK, ANNE A., Instructor in Nursing—resignation effective September 1, 1960.
- STEVENS, HELEN L., Assistant in Education (University High School)—declination effective September 16, 1960.

- STEWART, MARY E., Research Assistant in Psychiatry (Medicine) — declination effective September 1, 1960.
- STROMLUND, ERNEST V., Instructor in Veterinary Anatomy and Histology — declination effective September 1, 1960.
- SULLIVAN, DENIS G., Fellow in Political Science — declination effective August 1, 1960.
- TENNY, KENNETH S., United States Public Health Service Fellow (Trainee) in Food Technology — resignation effective September 1, 1960.
- VENEMA, WILLIAM, JR., Instructor in Operative Dentistry (Dentistry) — resignation effective September 1, 1960.
- WARWARUK, ALEXANDRA, Research Assistant in Agricultural Entomology — resignation effective August 1, 1960.
- WEEKS, WALTER L., Associate Professor of Electrical Engineering — resignation effective September 1, 1960.
- WISNER, RICHARD P., Research Associate in the Coordinated Science Laboratory — resignation effective September 1, 1960.
- YOUNG, JAMES R., Instructor in Electrical Engineering — declination effective September 1, 1960.
- ZABORETZKY, FRANK T., Registered Pharmacist (Pharmacy) — resignation effective August 31, 1960.

LEAVES OF ABSENCE

- ALEXANDER, CHARLES S., Assistant Professor of Geography — leave of absence, with pay, from March 1 through August 31, 1961.
- ANDERSON, TRUMAN O., Research Associate in Medicine, in the College of Medicine — leave of absence, without pay, for one year from July 1, 1960.
- BARTHEL, MRS. CHRISTINA G., Assistant in Veterinary Pathology and Hygiene, in the College of Veterinary Medicine, and in Veterinary Research, Agricultural Experiment Station — leave of absence, without pay, from August 1 through September 5, 1960.
- CURTIS, JAMES O., Assistant Professor of Agricultural Engineering, College of Engineering and Agricultural Experiment Station — leave of absence, without pay, extended to September 1, 1961.
- HARSHBARGER, KENNETH E., Associate Professor of Nutrition (Dairy Science), in the College of Agriculture, and in the Agricultural Experiment Station — leave of absence, without pay, for one month from November 15, 1960, so that he may serve on a National Defense team to conduct a nutrition survey of the Thai Armed Forces and selected civilians in Thailand.
- HELDT, CARL R., Assistant Professor of Art — leave of absence, without pay, for the academic year 1960-61, on account of illness in the family.
- JOHNSON, LEO T., Assistant Professor of Physical Education for Men — leave of absence, without pay, for the academic year beginning September 1, 1960.
- KARSH, BERNARD, Associate Professor of Sociology, in the College of Liberal Arts and Sciences and in the Institute of Labor and Industrial Relations — leave of absence, one-half pay, for 1960-61.
- LOCKLIN, D. PHILIP, McKinley Professor of Economic Public Utilities, in the Department of Economics — leave of absence, without pay, for one year from September 1, 1960, so that he may accept an appointment on a mission to Argentina to study the transportation needs of that country and make suitable recommendations to its Government.
- RICHARDSON, THOMAS S., Assistant Professor of Music, in the College of Fine and Applied Arts, and Assistant to the Director of Music Extension, in the Division of University Extension — leave of absence, without pay, for one year from September 1, 1960.
- SLICHTER, CHARLES P., Professor of Physics, in the College of Engineering — leave of absence, without pay, from February 1 through June 15, 1961, so that he may be Morris Loeb Lecturer at Harvard University.

CHANGES IN SABBATICAL LEAVES OF ABSENCE

- GAGE, NATHANIEL L., Professor of Education, in the Bureau of Educational Research — sabbatical leave of absence for one-half year beginning August 12, 1960, with full pay, instead of for the full year beginning September 1, 1960, on one-half pay.

METCALF, LAWRENCE E., Associate Professor of Education—leave of absence without pay for one year from September 1, 1960, in lieu of the sabbatical leave of absence on full pay for the first semester of 1960-61.

THORNBURN, THOMAS H., Professor of Civil Engineering, in the College of Engineering and in the Engineering Experiment Station—sabbatical leave of absence for the first semester of 1960-61, with full pay, instead of for the academic year 1960-61, on one-half pay.

OCTOBER MEETING

Under the By-Laws of the Board of Trustees, its next meeting is scheduled for Wednesday, October 19, 1960.

On motion of Mr. Hughes, the Board voted to hold this meeting and meetings of Board Committees in Chicago according to a schedule and at a place to be determined by the President and Secretary of the Board.

EXECUTIVE SESSION

At this point, on motion of Mr. Pogue, an executive session was ordered for consideration of the following matters of business.

PURCHASE OF LAND

(1) The Director of the Physical Plant and Vice-President and Comptroller recommend the acquisition, through purchase by the University of Illinois Foundation, of the East Half of the Northeast Quarter of Section Thirty, Township Nineteen, Champaign County, containing eighty acres, presently owned by Mrs. Ruth Newton, Urbana. Mrs. Newton proposes to exchange the land with Mr. Boyd Harper, Champaign, for other land which she desires to acquire, and Mr. Harper will sell the eighty-acre tract to the University of Illinois Foundation at a price of \$1,750 an acre, or \$140,000.

This land is completely surrounded by University property, and the University has been attempting to acquire it for a number of years for the College of Agriculture and the Agricultural Experiment Station.

The First National Bank of Chicago has agreed to loan the money to the Foundation for the acquisition of this property under the same conditions as other recent purchases.

I concur and recommend that the University of Illinois Foundation be requested to purchase this property and to lease it to the University at a rental of \$3,310 a year, subject to adjustment in accordance with any change in the interest rate charged by the Bank on the loan to the Foundation, until such time as funds become available for the purchase of the property by the University.

On motion of Mr. Pogue, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

POLICY GOVERNING MEETINGS OF THE BOARD AND OF ITS COMMITTEES

Mr. Clement asked for a discussion of the current practice and policy with respect to meetings of the Board and of its Committees. He suggested that more of the work before Board Committees be transacted at meetings of the Board.

This matter was discussed but no action was requested or taken.

On motion of Mr. Harewood, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

October 19, 1960



The October meeting of the Board of Trustees of the University of Illinois was held in the Sheraton-Blackstone Hotel, Chicago, Illinois, on Wednesday, October 19, 1960, beginning at 11:00 a.m.

The following members of the Board were present: Mr. Richard A. Harewood, Mr. Wirt Herrick, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Howard W. Clement and Governor William G. Stratton were absent.

Also present were President David D. Henry, Vice-President and Provost Lyle H. Lanier, Dr. Joseph S. Begando, Assistant to the President and Acting Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. S. Havens, Director of the Physical Plant, Mr. C. E. Flynn, Director of Public Information, Mr. Morris S. Kessler, Assistant Comptroller; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

MEETINGS OF COMMITTEES

Meetings of the Board's Committees on General Policy and Finance were held on Wednesday, October 19, 1960, beginning at 9:00 a.m., and of the Committee on Buildings and Grounds beginning at 2:30 p.m.

PRESIDENT HENRY ELECTED CHAIRMAN OF THE AMERICAN COUNCIL ON EDUCATION

Mrs. Watkins offered the following resolution and moved its adoption:

WHEREAS, during the forty-third Annual Meeting of the American Council on Education, held at Chicago, Illinois, on October 6 and 7, the Council elected as its Chairman for the coming year, Dr. David D. Henry, President of the University of Illinois; and

WHEREAS, the names of the past Chairmen of this organization constitute a roster of the most distinguished leaders in higher education in this country; and

WHEREAS, election to the office of Chairman of the American Council on Education is considered one of the highest honors which can be conferred upon an educator;

Therefore, Be It Resolved that the Board of Trustees of the University of Illinois express its recognition of this supreme and well-merited honor which has been accorded Dr. Henry, and extend its congratulations and best wishes.

This resolution was adopted by a standing vote.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

APPOINTMENTS TO THE FACULTY

(1) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. DONALD BARTON, Visiting Assistant Professor of Physical Chemistry, nine months from September 1, 1960, at a salary of \$6,550 (G).
2. WILLIAM GEORGE HUBER, Assistant Professor of Veterinary Physiology and Pharmacology, College of Veterinary Medicine, and in Veterinary Research, Agricultural Experiment Station, beginning September 1, 1960, at an annual salary of \$9,500 (DY).
3. MRS. ELAINE PADEN, Assistant Professor of Speech, beginning September 1, 1960, at an annual salary of \$6,800 (D).
4. MURRAY DONALD SIRKIS, Associate Professor of Electrical Engineering, beginning September 1, 1960, at an annual salary of \$10,000 (B).
5. ROBERT SPITZE, Associate Professor of Agricultural Economics, beginning September 26, 1960, at an annual salary of \$10,400 (DY).

Appointments to Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointments to supervisory positions of upper level responsibility.

1. ROBERT V. CAMPBELL, Assistant Manager of Photographic Laboratory, beginning August 22, 1960, at an annual salary of \$6,300.
2. CLARENCE E. GOTSCHALL, Mechanical Construction Superintendent, Physical Plant Department, beginning August 1, 1960, at an annual salary of \$8,400.
3. JOSEPH F. LEISING, Operations Engineer, Physical Plant Department, beginning August 1, 1960, at an annual salary of \$9,600.
4. CARL F. REARDON, Assistant Food Production Manager, Illini Union, beginning August 1, 1960, at an annual salary of \$4,600.
5. MRS. BARBARA L. REED, Assistant to Social Director, Illini Union, beginning July 25, 1960, at an annual salary of \$4,405.
6. DONALD R. SHEPELMA, Assistant Food Production Manager, Residence Halls, beginning August 15, 1960, at an annual salary of \$5,200.

On motion of Mr. Swain, these appointments were confirmed.

**ADVISORY COMMITTEE FOR INSTITUTE FOR RESEARCH
ON EXCEPTIONAL CHILDREN**

(2) The Director of the Institute for Research on Exceptional Children recommends the following appointments to the Advisory Committee of the Institute for Research on Exceptional Children for three years beginning September 1, 1960.

Representatives of the University

PROFESSOR LLOYD G. HUMPHREYS, Department of Psychology

Professor Walter J. Moore, College of Education, and Professor James E. Hulett, Department of Sociology, are the other representatives of the University. Their terms expire in 1962 and 1961 respectively.

Representatives of the Department of Public Instruction

MR. RAY GRAHAM, Director of the Division of Special Education, Springfield (reappointment)

Dr. Oscar Chute, Superintendent of Evanston Public Schools, District No. 65, Evanston, is the other representative of the Department of Public Instruction. His term expires in 1962.

Representatives of the Department of Public Welfare

DR. JOSEPH ALBAUM, Superintendent, Lincoln State School, Lincoln, Illinois (reappointment)

Mr. Harry McClintock, Assistant Director of the Department of Public Welfare, is the other representative of the Department of Public Welfare. His term expires in 1961.

The Board of Trustees on July 16, 1952, approved the plan for the organization of the Institute which includes an advisory committee consisting of three representatives from the University, two from the Department of Public Welfare, and two from the Department of Public Instruction, each appointed for a three-year term.

The Dean of the College of Education and the Vice-President and Provost endorse these nominations.

I recommend approval.

On motion of Mr. Herrick, these appointments were approved.

MINOR CHANGES IN CURRICULAR REQUIREMENTS

(3) The Urbana Senate has approved recommendations from the faculties of the Colleges of Engineering and Commerce and Business Administration for the following minor changes in curricular requirements:

Department of Aeronautical Engineering. A change in the present provision for substitution of advanced military credit for nontechnical electives: a reduction from six to three semester hours. This does not affect the basic military training requirement and the total number of hours required for graduation is not changed.

College of Commerce and Business Administration. Hygiene 104, The Science of Personal Health, a one-semester course, is dropped as a requirement for graduation for students entering after September 1, 1961. This is consistent with a previous recommendation of the Urbana Senate, approved by the Board, discontinuing hygiene as a general University requirement for graduation.

This is reported for record.

**ACQUISITION OF PROPERTY AT NORTHEAST CORNER
OF GOODWIN AVENUE AND MAIN STREET, URBANA**

(4) With the approval of the Committee on Buildings and Grounds of the Board of Trustees, the University of Illinois Foundation has purchased for the University the property of the Purity Baking Company at 1112 West Main Street, Urbana. The Foundation will hold the property and will lease it to the University until the University has funds for its purchase. The First National Bank of Chicago has financed this property acquisition.

The property is at the northeast corner of Main Street and Goodwin Avenue and consists of a lot approximately 66 feet by 131 feet with a one-story and basement brick building which practically covers the entire lot. The land is needed for future campus expansion and the building can be remodeled for various uses.

Recommendations on this will be submitted to the Board later when studies of the remodeling necessary have been completed and estimates have been made of the cost of the same to make the building available for various uses. Additional funds will be required for remodeling and for operation and maintenance.

In the meantime, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the University lease this property from the Foundation at a rental of \$700 a year, subject to adjustment for any changes in the interest rate on the loan from the First National Bank of Chicago, and with the option of purchasing the property from the Foundation upon payment of the indebtedness to the Bank. The Foundation purchased the property for \$30,000 which would represent a cost of \$3.44 per square foot of the land area. This is substantially below independent appraisals of the property secured by the University and by the owner.

I recommend that the Board approve the action of the Foundation and authorize the lease of the property by the University under the terms stated.

On motion of Mr. Johnston, this recommendation was approved by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Stratton.

EXCHANGE OF PROPERTIES WITH UNIVERSITY CLUB

(5) The Committee on Buildings and Grounds of the Board of Trustees authorized negotiations with the University Club of the University of Illinois for the purchase of its property at 1201 West Oregon Street, Urbana, and for the conveyance of land to the Club as a site for a new Club House. The Board Committee has approved the following proposal, which has now been approved by the membership of the Club:

The University will purchase the present property of the University Club of the University of Illinois at 1201 West Oregon Street, Urbana, at a price of \$90,000;

The University will convey the property at 1108 and 1110 West Illinois Street, Urbana, to the University Club as a site for a new Club House; and

The appropriation of \$10,000 a year to the University Club for services rendered the University will be discontinued when the new Club House is completed.

The purchase of the Club property is, of course, subject to the availability of funds and the conveyance of the property at 1108 and 1110 West Illinois Street will require adoption by the Board of Trustees of a formal resolution which will be submitted for consideration later. In the meantime, I recommend that the Board approve this proposal and that the Comptroller and the Secretary of the Board be authorized to execute such interim documents as may be necessary to implement the plan of property exchanges.

On motion of Mr. Harewood, this recommendation was approved by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Stratton.

APPROPRIATION FOR MODERNIZATION OF ALUMNI RECORDS

(6) The increasing numbers of alumni added to the rolls each year and the demands upon the Alumni Records Office for information concerning alumni make it necessary to expand and improve the system of keeping alumni records. The Vice-President and Comptroller recommends that they be put on electronic data processing equipment, but before this can be done the records must be brought up to date and there will be additional cost involved in putting them on magnetic tape. The conversion will cost approximately \$52,000. The Alumni Association has agreed to provide \$20,000 and the University of Illinois Foundation \$12,000, if the University will supply the additional \$20,000 needed.

The Vice-President and Comptroller recommends, and I concur, that an assignment of \$20,000 be made from the General Reserve Fund for the modernization of the alumni records.

On motion of Mr. Pogue, this appropriation was made by the fol-

lowing vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Stratton.

APPROPRIATION AND GRANT FOR CONSTRUCTION OF ELECTRON MICROSCOPE LABORATORY

(7) The National Science Foundation has made a grant of \$86,600 to the University for construction of an Electron Microscope Laboratory upon condition that the funds be matched from non-federal sources to the extent of at least 50 per cent of the direct costs of the project.

This grant has been accepted on behalf of the Board of Trustees and confirmation of this action is requested. I also recommend an appropriation of \$86,600 of matching funds for this project, \$27,500 to be provided from funds budgeted for the Graduate College and \$59,100 from the General Reserve.

On motion of Mr. Hughes, this appropriation was made by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Stratton.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(8) The Committee on Nonrecurring Appropriations recommends the following appropriations be made to the College of Agriculture from the General Reserve:

1. Department of Agronomy, repair and replacement of chemistry hoods in Davenport Hall.....	\$ 4 000 00
2. Department of Animal Science, repair of fences and weighing facilities at the Beef Cattle Barn.....	2 500 00
3. Department of Dairy Science, remodeling in Round Dairy Barn for physiology laboratory.....	26 600 00
<i>Total</i>	\$33 100 00

I concur.

On motion of Mr. Swain, this appropriation was made by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Stratton.

CONTRACTS AND ADDITIONAL APPROPRIATION FOR ADDITIONS TO PHYSICS RESEARCH LABORATORY

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for the construction of an addition to the Hydrogen Liquefier Building, a separate building recently constructed in the area south of the Physics Research Laboratory, and an addition to the Physics Research Laboratory itself to extend the twenty-two million electron volt laboratory operations on the main floor of the building. The two are being treated as one project and the awards are to the lowest, qualified bidders:

General—A. F. Krall Construction Company, Inc., Decatur.....	\$55 984
Electrical—Knight Electric Company, Inc., Evansville, Indiana.....	6 670
Plumbing—Champaign Plumbing and Heating Company, Champaign..	2 080
Heating—Champaign Plumbing and Heating Company, Champaign....	6 295
Ventilating—Industrial Roofing Company, Mattoon.....	2 961

The total cost of the project is \$81,650, of which \$27,300 is available in a National Science Foundation grant and \$28,200 was appropriated by the Board on May 17. An additional \$12,650 can be provided by the Department of Physics. The Vice-President and Comptroller and the Vice-President and Provost recommend that an appropriation of \$13,500 be made from the General Reserve for the balance of the cost.

Attached is a report from the Physical Plant Department on this project, including a schedule of bids received, and a copy is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, these contracts were awarded, as recommended, and the requested appropriation of \$13,500 was made from the General Reserve Fund. These actions were taken by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Stratton.

CONTRACT FOR CONSTRUCTION OF BUILDINGS FOR DEPARTMENT OF ANIMAL SCIENCE

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$20,786.76 to Harshbarger Building and Supply Company, Urbana, the lowest bidder, for the construction of two more research buildings for the Agricultural Experiment Station animal breeding and physiological research program.

Funds are available in a grant of \$200,000 received by the University from the Moorman Manufacturing Company, Quincy, for a project in animal breeding. I concur.

On motion of Mr. Hughes, this contract was awarded, as recommended, by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Stratton.

CONTRACT FOR AIR CONDITIONING IN KRANNERT ART MUSEUM AND FINE AND APPLIED ARTS BUILDING

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$151,815 to Reliable Plumbing and Heating Company, Champaign, for installation of refrigeration and temperature controls in the Krannert Art Museum and the new Fine and Applied Arts Building to complete the air-conditioning installations in these buildings.

Funds are available in the state capital appropriations to the University for 1959-61, subject to release by the Governor.

I recommend award of this contract subject to availability of funds.

On motion of Mr. Swain, this contract was awarded, as recommended, by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Stratton.

CONTRACT FOR ADDITION TO ABBOTT POWER PLANT

(12) On July 21, 1959, the Board of Trustees authorized awards of a series of contracts for the construction of an addition to the Abbott Power Plant and for extension of the utilities distribution system, including a contract for \$590,922 with Babcock and Wilcox Company, Chicago, for a steam generating unit and auxiliaries. The base bid was \$537,202, with a maximum escalation of 10 per cent to cover price increases during the period of construction, and this is being reported for record.

The contract was not executed until July 21, 1960, due to delay in the release of funds. In the meantime, manufacturers have made improvements in certain auxiliaries which are advantageous to the University. Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend a change in this contract to provide for:

1. Omission of feed water regulating valve and the positioning-type combustion air regulator. These items are no longer required because it was necessary to purchase a new type of regulating valve designed to reduce excessive wear, and the positioning-type regulator is being replaced by a new type of regulator recommended in (2);
2. Addition of a steam flow-air flow type combustion regulator which will automatically compensate for variations in the moisture content of the coal and its BTU or heating value;

3. Changing the four reciprocating coal feeders on the stoker to a conveyor-type coal feeder which has certain advantages over the former type.

These changes will require a net increase of \$3,726 in the contract.

I concur.

On motion of Mr. Swain, this change in contract was authorized.

CONTRACT FOR STRUCTURAL STEEL FOR ADDITION TO ABBOTT POWER PLANT

- (13) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract to Clonick Steel Company, Chicago, the lowest bidder, for structural steel members and accessory steel materials for the addition to the Abbott Power Plant (Boiler No. 6, Unit No. 7). The contract will be based on the following prices per pound and estimated quantities:

<i>Structural Members</i>	<i>Coal Bunker</i>	<i>Secondary Structural Members</i>	<i>Column Anchor Bolts</i>
<i>135 Tons</i>	<i>35 Tons</i>	<i>30 Tons</i>	<i>0.3 Tons</i>
<u>\$0.1132</u>	<u>\$0.1582</u>	<u>\$0.1414</u>	<u>\$0.1616</u>

The quantities of the various classifications of structural steel indicated above are based on preliminary estimates of that required, and the total tonnage may vary from that stated by 15 to 20 per cent when detailed drawings are developed.

Submitted herewith is a report from the Physical Plant Department, including a list of all bids received, in support of this proposal, and a copy is being filed with the Secretary of the Board for record.

Funds are available in the state capital appropriations to the University for 1959-61, subject to release of funds by the Governor.

I concur in the recommendation for the award of the contract subject to the release of funds.

On motion of Mr. Hughes, this contract was awarded, as recommended, by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Stratton.

CONTRACT FOR ROOFING DECK AREAS OF ILLINOIS NEUROPSYCHIATRIC INSTITUTE

- (14) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$8,800 to the Melville Corporation, Chicago, the lowest bidder, for installing a traffic deck roof covering on four permanent deck areas of the Illinois Neuropsychiatric Institute building to rehabilitate deteriorated deck areas.

Funds are available in the Physical Plant budget.

I concur.

On motion of Mr. Swain, this contract was awarded, as recommended, by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Stratton.

CONTRACT FOR KITCHEN EQUIPMENT FOR RESEARCH AND EDUCATIONAL HOSPITALS

- (15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$2,888 to the Stearnes Company, Chicago, the lowest bidder, for the installation of kitchen cabinets, counters, and other equipment in the Research and Educational Hospitals.

Funds have been budgeted in the appropriation for "Research and Educational Dietary Department."

I concur.

On motion of Mrs. Watkins, this contract was awarded, as recommended, by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Stratton.

**CONTRACT FOR STEEL LABORATORY EQUIPMENT
FOR CHICAGO PROFESSIONAL COLLEGES**

(16) The Business Manager of the Chicago Professional Colleges, the Director of the Physical Plant, and the Vice-President and Comptroller recommend award of a contract for \$6,754 to the Metalab Equipment Company (Division of Norbute Corporation), Hicksville, New York, the lowest bidder, for the manufacture and installation of steel laboratory equipment in the Research Laboratory and Library Unit of the Dentistry-Medicine-Pharmacy Building.

The work will consist of fabrication and installation of twenty-two items of steel laboratory equipment including wall cabinets, center tables, wall tables, and fume hood sashes.

Funds have been budgeted in the appropriation for "Remodeling, College of Medicine, Research Laboratory."

I concur.

On motion of Mr. Swain, this contract was awarded, as recommended, by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Stratton.

**AMENDMENT OF FEDERAL INTERNAL REVENUE CODE TO SECURE
EQUAL TREATMENT FOR STATE UNIVERSITIES AND LAND-GRANT
COLLEGES IN ADMINISTERING FUNDS CONTRIBUTED THROUGH
INTERMEDIARY FOUNDATIONS**

(17) The Internal Revenue Code of 1954 allows a deduction for contribution of up to 30 per cent of a taxpayer's adjusted gross income if the "extra 10 per cent" comprises gifts to educational institutions. This additional deduction allowance applies only to gifts made directly to educational institutions. Thirty or more state universities and land-grant colleges are now blocked, either wholly or in part, from the benefits in the Code because these institutions either must, or prefer to, receive and administer gifts through separately incorporated foundations.

The University of Illinois has not lost any gifts as a result of this regulation, since it may receive gifts either directly or through the University of Illinois Foundation. In a few cases, however, this provision has caused some difficulties, because a donor who customarily makes contributions to the Foundation and would like to continue doing so might be forced in any particular year, if he wished to enlarge his gift and take advantage of the additional 10 per cent deduction, to make the contribution directly to the University.

In order to remove the difficulties which the University of Illinois has encountered, and to preserve the original intent of the law granting the extra 10 per cent deduction to those institutions which must or prefer to receive gifts through separate foundations or corporations, the University of Illinois has agreed to support an effort by the American Alumni Council to secure an amendment of the Internal Revenue Code which will extend the additional 10 per cent allowance to foundations which receive and administer gifts for public colleges and universities.

This is being reported for the information of the Board.

GIFT OF MR. AND MRS. MAXWELL R. HOTT

(18) Mr. and Mrs. Maxwell R. Hott of Monticello have offered the University their residence property in that city for use as an off-campus facility. The property consists of an entire city block of land and a three-story brick residence with an attached two-story garage and storage area, in Colonial Georgian architecture, and is valued at \$320,000. Their gift will include certain items of furniture and furnishings in the house which will be given outright to the University. Other furnishings and objects of art will be left there on a loan basis. The gift

will be made over a period of years, and the University of Illinois Foundation has agreed to serve as Trustee for the University in the conveyance and operation of the property.

The gift is designated as the "Hott Memorial Center for Continuing Education," and the residence will be used for off-campus conferences, workshops, and other meetings, in the same way as Robert Allerton House.

With the approval of the Committee on Buildings and Grounds of the Board of Trustees, I have accepted this gift and request confirmation of my action. I also recommend that the Comptroller and the Secretary of the Board be authorized to execute such documents as may be necessary in implementing the conveyance of the property to the University.

On motion of Mrs. Watkins, the action of the President was confirmed and authority was given as requested.

On motion of Mr. Herrick, the Secretary was instructed to send a message to Mr. and Mrs. Hott expressing the appreciation of the Board of Trustees for their splendid gift.

PURCHASES

Purchases Authorized

(19) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase was recommended on the basis of the lowest acceptable bid.

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One spectrophotometer, quartz optics, built-in micro scale from 200 mμ. to 2,500 mμ., lamp housing, power supply, sample changer, indicator unit and accessories, and direct reading light source mounted on optical bench	Chemistry and Chemical Engineering	W. H. Kessel & Co., Chicago	\$4 199 00 f.o.b. delivered
Furnish and place approximately 6,282 sq. ft. of 2 in. thickness I-II asphaltic concrete on all present stone surfaced parking strips in the Orchard Place Apartment area, pave center parking island, and pave between curbs and sidewalks along both sides of entrance drive and around perimeter of parking lot	Physical Plant	Champaign Asphalt Co., Champaign	2 575 62 f.o.b. job site

On motion of Mr. Johnston, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One automatic super-speed refrigerated centrifuge with accessories	Chemistry and Chemical Engineering	Ivan Sorvall, Inc., Norwalk, Conn.	\$2 958 00 f.o.b. delivered
One spectrophotometer, automatic recording, optical null, near-infrared region range, complete with source, associated photometering optics, monochromator equipped with cells, standard accessories, 115 volt, 60 cycle	Chemistry and Chemical Engineering	Perkin-Elmer Corp., Chicago	5 024 00 f.o.b. delivered
One aerograph temperature programmer with automatic linear programming including recorder, power supply, and related accessories	Chemistry and Chemical Engineering	Wilkins Instrument & Research, Inc., Walnut Creek, Calif.	3 981 25 f.o.b. Walnut Creek, Calif.
One Varian type V-4012-3B rotating 12 in. electromagnet with V-4095 tapered pole caps, air gap 2 3/4 in., pole caps tapered to 8 in. diameter	Chemistry and Chemical Engineering	Varian Associates, Palo Alto, Calif.	19 000 00 f.o.b. delivered
One V-2100B power supply			
One V-K3517 vent kit and one pair additional V-4095 tapered pole caps for 3 1/4 in. air gap with 8 in. face diameter			

Items	Department	Vendor	Cost
One counter-current distribution instrument with automatic filling device, driving mechanism, fraction collector, and fume hood	Chemistry and Chemical Engineering	H. O. Post Scientific Instrument Co., Inc., Middle Village, N.Y.	\$ 7 414 99 f.o.b. delivered
Ten sets electric vacuum gyro-electrodes	Coordinated Science Laboratory	Richardson Manufacturing Co., Springfield	12 000 00 f.o.b. delivered
Three lapped, balanced balls to be fabricated from aluminum	Coordinated Science Laboratory	Professional Instruments Co., Minneapolis, Minn.	6 000 00 f.o.b. delivered
500 type 2N1072 silicon NPN transistors	Digital Computer Laboratory	Western Electric Co., Inc., New York, N.Y.	18 750 00 f.o.b. Laureldale, Pa.
Laboratory furniture consisting of five laboratory benches and five wall cabinets	Health and Safety Education	Leonard Peterson & Co., Inc., Chicago	2 560 00 f.o.b. delivered
One autotutor teaching machine	Institute for Research on Exceptional Children	Western Design, Division of United States Industries, Inc., Goleta, Calif.	3 975 00 f.o.b. delivered
36 movable screen panels for displaying paintings in the Krannert Art Museum	Krannert Art Museum	Willard E. Brewer, Urbana	4 873 00 f.o.b. delivered
One grand concert style harp, ebony finish, with case	Music	Lyon-Healy, Inc., Chicago	3 194 37 f.o.b. delivered
One special high vacuum system for use with an electron microscope	Physics	Varian Associates, Palo Alto, Calif.	8 870 00 f.o.b. delivered
One three-channel scaler	Physics	Baird-Atomic, Inc., Chicago	2 895 00 f.o.b. delivered
One internal counter housing and anti-coincidence shield	Physics	Baird-Atomic, Inc., Chicago	2 895 00 f.o.b. delivered
Print and bind 6,000 copies of bulletin <i>Sea and Age Ralios in North American Ducks</i> , consisting of approximately 125 pages	State Natural History Survey	Illinois Printing Co., Danville	4 000 00 f.o.b. delivered
Lease of one Model 441-21 National Cash Register accounting machine for the period of November 1, 1960, through June 30, 1961, with option to purchase it any time within two years after delivery at purchase price in effect at date of acceptance of lease (\$18,750), 70 per cent of lease payments to apply to purchase price	University Press	The National Cash Register Co., Danville	4 147 50 f.o.b. delivered
License fee for 39 two-hour videotape television programs entitled "The Play of the Week," one run per program	Television-Motion Pictures	National Telefilm Associates, Inc., Beverly Hills, Calif.	5 850 00 f.o.b. shipping point
45 16 mm. films	Audio-Visual Aids Service	Encyclopaedia Britannica Films, Inc., Wilmette	6 517 45 f.o.b. delivered
110 16 mm. films	Audio-Visual Aids Service	Coronet Films, Chicago	11 105 00 f.o.b. delivered
Two model 5635 autotypist units with paragraph selection	Admissions and Records	Paxton Typewriter Co., Bloomington	3 025 00 f.o.b. delivered
One model 26 perforator	Admissions and Records	Paxton Typewriter Co., Bloomington	3 025 00 f.o.b. delivered
One microfilm camera, reduction ratio 24:1, with stand and feeder extension	Business Office (Auditing Division)	Recordak Corp., Chicago	2 790 00 f.o.b. delivered
Furnish and install draperies for foyers, lounges, offices, and recreational areas of Men's Residence Hall SM-3	Housing Division	Art Drapery Studios, Chicago	9 205 96 f.o.b. delivered and installed
Furnish and install rugs and pads for Men's Residence Halls SM-3 as follows: 15 rugs and pads, 11 ft. 8 in. x 19 ft. 6 in., for lounge areas 1 rug and pad, 9 ft. x 12 ft., for apartment living room 1 rug and pad, 9 ft. x 9 ft., for apartment bedroom 4 rugs and pads, 9 ft. x 14 ft., for guest rooms	Housing Division	De Sitter Bros., Chicago	5 243 12 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
23,000 lb. writing paper pads, plain, 16-lb., in various sizes	Office Supply Store	W. M. Putnam Co., Bloomington	\$ 3 883 40 f.o.b. delivered
One three-arm assembly to modify beam type extraction pressure governor on General Electric turbine No. 109143 in Abbott Power Plant	Physical Plant	General Electric Co., St. Louis, Mo.	7 800 00 f.o.b. Lynn, Mass.
18,000 type S577G diodes	Digital Computer Laboratory	Transitron Electronic Corp., Oak Park	19 080 00 f.o.b. delivered
An Anglo-Norman, twelfth-century medieval manuscript	Library	Kroch's & Brentano's, Inc., Chicago	2 500 00
Rag watermarked paper as follows: 400 reams 22 x 34, 40-lb. 50 per cent 400 reams 22 x 34, 40-lb. 25 per cent 200 reams 22 x 34, 32-lb. 25 per cent 24 reams 24 x 38, 49-lb. 25 per cent 36 reams 24 x 38, 39-lb. 25 per cent	Office Supply Store	Hawthorne Paper Co., Chicago	10 934 96 f.o.b. delivered
One AN/GMQ-10C transmissometer with Esterline-Angus continuous record recording in case	State Water Survey	APEMCO, Inc., Chicago	2 643 65 f.o.b. delivered
<i>Chicago Colleges and Divisions</i>			
One used electron microscope	Aeromedical Laboratory	Electrolase Corp., Westlake, Ohio	10 300 00 delivered
One spectrophotometer	Biochemistry	W. H. Kessel & Co., Chicago	4 268 00 delivered
One far-ultraviolet ratio-recording spectrophotometer and accessories	Chemistry	Chicago Apparatus Co., Chicago	14 628 00 delivered
One 4-in. laboratory electromagnet	Chemistry	Varian Associates, Palo Alto, Calif.	3 815 00 f.o.b. Palo Alto, Calif.
2,000 dwt. type C casting gold for the period October 15, 1960, through June 30, 1961	Fixed Partial Prosthodontics	Handy & Harman, Chicago	3 300 00 delivered

On motion of Mr. Johnston, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(20) The Comptroller's report of contracts executed during the period September 1 to 30, 1960.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Glenco Motors, Inc.	Rental for space for waiting room and car rental service at the University of Illinois Airport	\$ 3 750 00 (from October 1, 1960, to December 31, 1961)	September 13, 1960
National Soybean Crop Improvement Council	Soil fertility requirements of different genetic lines of soybeans	21 000 00	August 10, 1960
United States Air Force AF-01(611)-808	Flight instruction for twenty-three students	11 073 01	August 24, 1960
United States Army DA-11-022-508-ORD-3505	Artillery carriage dynamics study	18 893 00	August 24, 1960
United States Navy NBY-24976	Welding procedures, including pre-heating and stress relieving	10 000 00	May 24, 1960
Wyandotte Chemicals Corp., Air Force Sub-contract, AF-33(616)-7214	Ferrocenes substituted with reactive groups	10 000 00	September 8, 1960

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Thad L. Beyle	Second-floor apartment of the Burt House at the University of Illinois Airport	\$ 960 00 annually (September 1, 1960, to August 31, 1961)	September 1, 1960
Joe L. Collins	First-floor apartment of the Burt House at the University of Illinois Airport	1 020 00 annually (September 1, 1960, to August 31, 1961)	September 1, 1960

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
John Deere Plow Co.	Rental of farm machinery, three items; \$16.50 to \$579.15	\$ 915 27 annually	July and August, 1960
Eversman Manufacturing Co.	Lease of one model 3290 Eversman land leveler with attachments and 1-PD-6 Eversman ditcher and panbreaker	118 10 annually	July 10, 1960
International Harvester Co.	Rental of farm machinery, five items; \$61.28 to \$128.60	467 11 annually	May, July, and September, 1960
MacCarthy Ford Tractor Sales, Inc.	Rental of farm machinery, two items; \$5.87 to \$9.76	15 63 annually	August and September, 1960
Massey-Ferguson, Inc.	Lease of one MF deluxe gas tractor with power steering	278 35 annually	July 1, 1960
University of Illinois Foundation	Rental of the Maxwell tract of land located in Champaign County, Illinois	3 400 00 annually	January 29, 1960
University of Illinois Foundation	Rental of the Pell tract of land located in Champaign County, Illinois	2 670 00 annually	February 29, 1960

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
The Bendix Corp.	Thermal conductivity and thermal diffusivity of ceramic-metal combinations	\$28 978 11	July 28, 1960
Commercial Solvents Corp.	Vitamins and growth factors in swine nutrition	3 000 00	September 1, 1960
The Griffin Wheel Co.	Improvement of cast steel railway car wheels	9 689 91	July 29, 1960
Illinois State Housing Board	Recreation and open space study	40 000 00	July 13, 1960
Reinforced Concrete Research Council	Multiple panel reinforced concrete floor slabs	20 000 00	September 22, 1960
United States Department of Agriculture	Plant pest control	5 000 00	July 1, 1960
United States Air Force AF-19(604)-5705	Sage operator performance factors contributing to operator fatigue in sage operations	39 983 00	August 1, 1960
United States Air Force AF-29(601)-2151	Confidential	19 500 00	July 20, 1960
United States Air Force AF-49(638)-466	Study of metal alkyls	6 884 00	August 16, 1960
United States Army DA-18-108-405-CML-517	Evaluate the behavior of immiscible fluids (gases and liquids) in porous solid media	26 200 00	August 29, 1960
United States Atomic Energy Commission AT(11-1)-67, Project No. 5	Atomic energy research and development	33 500 00	August 30, 1960
United States Atomic Energy Commission AT(11-1)67, Project No. 15	Diffusionless phase changes in non-ferrous metals and alloys	68 400 00	August 24, 1960
Upjohn Co.	Research in new antibiotics	6 000 00	August 8, 1960

Adjustments Made in 1959-60 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Harry F. Fisher (Plastering)		\$ 351 75 (deduct)	August, 1960

Adjustments Made in 1960-61 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Nineteen items; \$532.78 deduct to \$901.54	\$ 2 706 50	August and September, 1960

This report was received for record.

REPORT OF FINANCE COMMITTEE ON BIENNIAL OPERATING BUDGET FOR 1961-63

The Finance Committee began its studies of the University operating budget for the biennium of 1961-63 in consultation with University

officials and other members of the Board of Trustees at a meeting of the Committee held earlier today. The final recommendations of the University administration and of the Finance Committee will be presented to the Board of Trustees at its meeting on November 16, 1960, for approval by the Board of the budget estimates to be submitted to the State Department of Finance and other State officials.

President Henry requested, and was granted, authority to make public announcement of his budgetary recommendations a few days in advance of the Board meeting.

Mr. Swain announced that he will call a meeting of the Finance Committee of the Board to be held in Urbana, Illinois, on Tuesday, November 10, 1960, for further studies of the budget in consultation with University officials, for the preparation of the Committee's recommendation to the Board, and for a press conference. All members of the Board of Trustees are being invited to participate.

Mr. Swain then presented the following progress report of the Finance Committee.

The unexpected increase in enrollment in the fall of 1960 delayed final recommendations on the operating budget for 1961-63 until the increase could be analyzed to determine its effect on long-range enrollment predictions and on budgetary requirements. The Seventy-first General Assembly changed the date on which budget requests must be filed with the Department of Finance to November 15, so it will be possible for the Board of Trustees to consider the recommendations at its regular November meeting. The Finance Committee will be prepared to submit detailed recommendations at that time.

Increased operating funds will be required to maintain the level of operations reached. This is true for the increased costs of the Retirement System because of new retirements in 1960-61. In addition, the Seventy-first General Assembly appropriated some funds for only the second year of the current biennium, recognizing that additional funds would have to be appropriated in the 1961-63 biennium.

While considerable progress was made in increasing academic salaries in the current biennium, further increases will be required if the University is to maintain its competitive position in meeting increases made nationally to improve the economic status of the teaching profession.

Projections of enrollment indicate further increases, which in turn will require substantial additions to staff, expense, and equipment budgets to provide instruction for the additional students.

Further budget additions are needed to meet the increased cost of operations resulting from the operation of new buildings, from accumulated deficiencies in expense and equipment budgets caused by rising prices, as well as by inadequate provisions of the past, and from the unanticipated enrollment in the current biennium.

Finally, there is a need for improvement and expansion of extension and additions to the educational programs. Some funds were appropriated in the current biennium for this purpose, and continuation of this kind of development is essential if the University is to maintain the high standing it has achieved among the great universities of this country.

The details of each area of need, with the amounts recommended by the President of the University and the Finance Committee will be sent to the Board of Trustees in advance of the November meeting.

On motion of Mr. Pogue, this report was adopted, and the procedure for public announcement of the budget recommendation was authorized with the understanding that these recommendations will be subject to approval by the Board of Trustees on November 16, 1960.

**REPORT OF COMMITTEE ON GENERAL POLICY ON CONFERENCE
WITH CITY OF CHICAGO OFFICIALS ON CHICAGO
UNDERGRADUATE DIVISION SITE**

Mr. Johnston, for the Committee on General Policy, submitted the following report:

On invitation of Mayor Richard J. Daley, members of the Board of Trustees and other University officials met with him in his office at 3:00 p.m., September 27, 1960, for a presentation by the Department of City Planning of an alternate site proposal for the University's Chicago Undergraduate Division.

The presentation, illustrated by charts and a model, was made by the Mayor and by Mr. Ira Bach, Commissioner of City Planning, and Mr. Clifford Campbell, Deputy Commissioner of City Planning. An outline of the presentation was presented to the participants and a copy of it is being filed with the Secretary of the Board for record. The purpose of the conference was to present to the Board of Trustees for their consideration alternate sites and specifically the Harrison-Halsted Street site. No action was requested or taken but the University representatives agreed to study the proposal.

In recommending the Harrison-Halsted Street area, the Department of City Planning presented an outline of the conditions for its development under a two-stage program. After the presentation of the model and discussion of the site proposal, the following comments were made orally; and it is assumed that they are to be considered as additional proposals by the City and included by the University in its development of campus plan studies for the Harrison-Halsted Street site:

1. The proposed site will be cleared of all structures before it is transferred to the University.
2. Only the following streets are to remain open and will cross the proposed site: Harrison Street, Taylor Street, and Roosevelt Road.
3. The land to be available in the first stage (south of the Congress Expressway, west of the South Expressway and Halsted Street rerouted, north of Taylor Street, and east of Morgan Street) will be cleared and transferred to the University by July, 1961. The balance of the site will be cleared and transferred not later than July, 1963.
4. The Chicago Land Clearance Commission has, or will have, adequate funds and staff to complete the land acquisition and clearance of the site within the time schedule in "3" above.
5. The plan for the Near West Side Urban Renewal Project will be amended to provide for the construction of high-rise apartment buildings between Harrison Street and the Congress Expressway.
6. The Near West Side Urban Renewal Project is expected to be completed within four to five years.

The University, with the assistance of the Real Estate Research Corporation of Chicago and the firm of Skidmore, Owings, and Merrill, has undertaken the development of preliminary campus plan studies on the Harrison-Halsted Street site. These studies are without prejudice to other sites still under consideration by the Board of Trustees.

On motion of Mr. Harewood, this report was adopted.

DELEGATE TO ILLINOIS COMMISSION OF HIGHER EDUCATION

Mrs. Watkins stated that she will be unable to attend the next meeting of the Illinois Commission of Higher Education, to which she is a delegate of the Board of Trustees, to be held in Chicago, on October 20, 1960.

President Williamson appointed Mr. Hughes as delegate to this meeting, and this was confirmed by unanimous consent.

NOVEMBER AND DECEMBER MEETINGS

On motion of Mr. Swain, the Board voted to hold its November meeting on Wednesday, November 16, 1960, in Chicago, Illinois, the hour

and place to be designated by the President and the Secretary of the Board.

On motion of Mr. Harewood, the Board voted to hold its December meeting on Wednesday, December 21, 1960, in the offices of the First National Bank of Chicago, at an hour to be designated by the President of the Board.

ADDRESSES BY MR. JOHN B. CLAAR AND DEAN ALONZO G. GRACE
President Henry presented Associate Director John B. Claar of the Extension Service in Agriculture and Home Economics who addressed the Board on the work of extension services in these areas in general and with specific reference to such services in Illinois.

Following adjournment of the business session of the Board and the luncheon recess, President Henry presented Dean Alonzo G. Grace of the College of Education who addressed the Board on the state of the College and some plans for its future development.

DEGREES CONFERRED IN OCTOBER

The Secretary presented for record the following lists of degrees conferred at Urbana as of October 15, 1960, on recommendation of the Urbana-Champaign Senate.

Summary

Degrees in the Graduate College:

Doctor of Philosophy.....	134
Doctor of Education.....	14
Doctor of the Science of Law.....	2
Doctor of Musical Arts.....	1
Master of Arts.....	14
Master of Science.....	35
Master of Music.....	2
<i>Total, Graduate College.....</i>	<i>(202)</i>

Baccalaureate Degrees:

Bachelor of Science, College of Agriculture.....	4
Bachelor of Science, College of Engineering.....	4
Bachelor of Arts, College of Liberal Arts and Sciences.....	6
Bachelor of Science, College of Liberal Arts and Sciences.....	9
Bachelor of Science, College of Education.....	3
Bachelor of Science, College of Commerce and Business Administration...	2
Bachelor of Science, College of Journalism and Communications.....	1
Bachelor of Science, College of Physical Education.....	2
Bachelor of Science, Division of Special Services for War Veterans.....	1
<i>Total, Baccalaureate Degrees.....</i>	<i>(32)</i>
<i>Total, Degrees Conferred.....</i>	<i>234</i>

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Agricultural Economics

ROBERT ERWIN JACOBSON, B.S., M.S., 1953, 1956

FRANCIS EDWIN WALKER, B.S., M.S., 1954, 1958

In Agronomy

CHENG-YIN CHENG, B.S., Berea College, 1955; M.S., 1956

DON WARREN GRAFFIS, B.S., M.Agr., Purdue University, 1950, 1956

NORMAN ROYER MALM, B.S., Colorado Agricultural and Mechanical College, 1954; M.S., 1956

DAYAL PHERUMAL MOTIRAMANI, B.S., University of Bombay, 1944; M.S., Agra University, 1956

GUY ERNEST WILKINSON, B.S., M.S., Oklahoma Agricultural and Mechanical College, 1952, 1953

In Animal Nutrition

THOMAS CRUMP DETWILER, B.S., 1957

SHANTOO UDHARAM GURNANI, B.S., M.S., University of Bombay, 1954, 1957

GEORGE JOSEPH WRIGHT, B.S., 1952

In Animal Science

JOHN BURIC, B.S., West Virginia University, 1948; M.S., University of Maryland, 1952

HOWARD LEONARD OPEL, JR., B.S., M.S., University of Maryland, 1950, 1956

In Biophysics

GOVINDJEE, B.S., M.S., University of Allahabad, 1952, 1954

In Botany

ROBERT FREDERICK BILS, B.S., M.S., 1954, 1958

GREGORY GEORGE DOYLE, B.S., University of Washington, 1954; M.S., State College of Washington, 1956

WILLIAM HAYES MATCHETT, B.S., M.S., 1953, 1958

JAMES LEE TAYLOR, B.S., Ohio State University, 1953; M.S., Michigan State University, 1957

In Business

HARRY HOWARD ELWELL, JR., B.B.A., M.B.A., University of Texas, 1947, 1949

In Ceramic Engineering

RICHARD CHARLES ANDERSON, B.S., M.S., 1954, 1958

HENRY GERARD LEFORT, JR., B.Cer.E., Clemson Agricultural College, 1952; M.S., 1957

In Chemistry

DONALD JAMES ANDERSON, Higher Natl. Cert., Liverpool College of Technology, 1956

CLEMENS RAINER ANTON BERGER, Vordiplom, Kiel University, 1955

ALVIN CLIFFORD BOYER, A.B., North Central College, 1956; M.S., 1958

RICHARD LEWIS CARLIN, B.S., Brown University, 1957; M.S., 1959

WILMON BLACKMAR CHIPMAN, A.B., Harvard College, 1954; A.M., Dartmouth College, 1956

MELVIN MYRON GOLDSTEIN, A.B., Northwestern University, 1956; M.S., 1959

JACK WALTER HAUSER, B.S., Case Institute of Technology, 1956

JOHN ALAN HEDGE, B.S., Indiana University, 1957

JACK AUGUST KAMPMEIER, A.B., Amherst College, 1957

CHARLES THEODORE LYNCH, B.S., George Washington University, 1955; M.S., 1957

BERNARD LEE MEYERS, B.S., Purdue University, 1956; M.S., 1958

RICHARD NEEDHAM PORTER, B.S., Agricultural and Mechanical College of Texas, 1954

RONALD ORLANDO RAGSDALE, B.S., Brigham Young University, 1957; M.S., 1959

NORMAN JENISCH ROSE, A.B., Knox College, 1957

JOHN CHARLES SCHUG, B.Ch.E., The Cooper Union, 1957; M.S., 1958

ROBERT EUGENE STEVERS, B.Chem., University of Tulsa, 1956; M.S., 1958

RICHARD LLOYD TALBOTT, A.B., DePauw University, 1957

In Civil Engineering

JACQUES COHEN, Civ.Engr., Universidade de Minas Gerais, 1955; M.S., University of Florida, 1958

MELVIN THOMAS DAVISSON, B.C.E., University of Akron, 1954; M.S., 1955

RICHARD THEODORE EPPINK, B.S., Case Institute of Technology, 1953; M.S., 1956

JOHAN ANTON FRIEDERICX, B.S., Swarthmore College, 1955; M.S., 1958

TSENG HUANG, B.S., National Chiao-Tung University, 1947; M.C.E., University of Oklahoma, 1955

JAMES GRIERSON MACGREGOR, B.S., University of Alberta, 1956; M.S., 1958

WALLACE WOLFRED SANDERS, JR., B.C.E., University of Louisville, 1955; M.S., 1957

In Classical Philology

JOHN CROWELL THIBAUT, Litt.B., Xavier University, 1944; Ph.Lic., Loyola University, 1947; S.T.B., Alma College, 1954; A.M., 1956

In Communications

RICHARD HOMER GENTRY, A.B., University of Tulsa, 1951; A.M., Stanford University, 1953

In Dairy Science

VICTOR LINÉ ESTERGREEN, JR., B.S., M.S., State College of Washington, 1950, 1956

In Dairy Technology

POUL MARTIN TROST HANSEN, B.S., Royal Veterinary and Agricultural College, 1956; M.S., 1958

In Economics

RONALD EDWIN CARRIER, B.S., East Tennessee State College, 1955; M.S., 1957

JOHN SHIH-YAO CHIU, A.B., National Taiwan University, 1953; A.M., University of Kentucky, 1955

MARY OONA MARQUARDT, A.B., A.M., 1932, 1935

ROBERT JOSEPH TRUSK, A.B., St. Ambrose College, 1951; M.S., Columbia University, 1954

FADIL HASAN ZUWAYLIF, A.B., M.S., 1955, 1958

In Education

DONALD GLUECK ARNSTINE, A.B., University of Chicago, 1951; A.M., Western Reserve University, 1955

HIROSHI AZUMA, A.B., University of Tokyo, 1949

JAMES ERNEST BOWEN, A.B., Ed.M., University of Sydney, 1955, 1958

SUNG PYO CHOI, A.B., Chungang University, 1952

NINA EDELBLUTE, B.S., M.S., Kansas State University, 1931, 1940

GEORGE FRANKLIN MCCOY, JR., A.B., A.M., University of Tulsa, 1949, 1950

MERLIN CARL WITTRICK, B.S., Ed.M., University of Missouri, 1953, 1956

In Electrical Engineering

DONALD ALBERT CALAHAN, B.S., University of Notre Dame, 1957; M.S., 1958

BASIL WAHID HAKKI, B.E.E., American University of Beirut, 1957; M.S., 1958

EDWARD ALLEN HUBER, B.S., M.S., 1956, 1956

HAROLD AYLESWORTH SPUHLER, B.S., Texas Technological College, 1948; M.S., Massachusetts Institute of Technology, 1950

JAMES RALPH YOUNG, B.S., M.S., 1956, 1957

In English

GEORGE FISHER ESTEY, A.B., Tufts University, 1952; A.M., University of Connecticut, 1954

JOHN MARTIN HEISSLER, JR., A.B., Elmhurst College, 1951; A.M., University of Wyoming, 1954

In Entomology

WILLIAM BROWN HAWKINS, A.B., Florence State Teachers College, 1949; M.S., 1954

EDWARD LEE MOCKFORD, A.B., Indiana University, 1952; M.S., University of Florida, 1954

In Food Technology

JOHN WESLEY HUNNELL, B.S., M.S., 1953, 1954

In Geography

DON ROGER HOY, A.B., A.M., University of Oklahoma, 1953, 1954

In Geology

MARION EUGENE BICKFORD, JR., A.B., Carleton College, 1954; M.S., 1958

JOHN ELMER STONE, A.B., Ohio Wesleyan University, 1953; M.S., 1958

JAMES COTTER THARIN, B.S., St. Joseph's College, 1954; M.S., 1958

VALENTINE EDWARD ZADNIK, A.B., Western Reserve University, 1957; M.S., 1958

ARTHUR JOHN ZEIZEL, A.B., University of Connecticut, 1956; M.S., 1959

In German

VINCENT LO CICERO, A.B., Brooklyn College, 1955; A.M., 1958

In History

RICHARD DEAN BURNS, B.S., A.M., 1957, 1958

GEORGE EHRLICH, B.S., M.F.A., 1949, 1951

JACQUES ROGER GOUTOR, A.B., Allegheny College, 1952; A.M., 1956

JAMES MARTIN HAAS, Ph.B., Marquette University; A.M., 1955

JACK JUNIOR NORTRUP, A.B., Illinois College, 1954; A.M., 1955

GEORGE MILTON OCHS, A.B., Grinnell College, 1949; A.M., University of Michigan, 1951

HELEN KATHERINE REINHART, A.B., Quincy College, 1950; A.M., 1956

FRANCIS THEODORE REUTER, B.S., A.M., 1950, 1959

WILDA MAXINE SMITH, A.B., M.S., Fort Hays Kansas State College, 1953, 1957

WILLIAM ROBERT THOMPSON, A.B., A.M., 1950, 1954

In Library Science

MARY LEE BUNDY, B.Ed., State University of New York Teachers College (Potsdam), 1948; A.M., University of Denver, 1951

In Mathematics

EARALIL MATTHEW PAUL, A.B., University of Madras, 1948; M.S., University of Travancore, 1952

In Mechanical Engineering

EDWARD LOUIS BROGHAMER, B.S., Kansas State College, 1934; M.S., 1940

GEORGE FREDERICK SCHRADER, B.S., M.S., 1947, 1951

In Metallurgical Engineering

MANAVASI NARASIMHAN PARTHASARATHI, B.S., University of Madras, 1944; B.S., Banaras Hindu University, 1948; M.S., 1957

In Microbiology

EDNA SEAMAN, B.S., Brooklyn College, 1956

In Musicology

EDWARD CHRISTOPHER WOLF, B.School Mus., Capital University, 1953; M.Mus., Northwestern University, 1955

In Philosophy

JACK CLOYD CARLOYE, A.B., A.M., University of Chicago, 1950, 1953

In Physical Education

RICHARD ANTHONY BERGER, A.B., A.M., Michigan State University, 1951, 1956

JOSEPH GUY METIVIER, B.S., University of Ottawa, 1956; M.S., 1957

In Physics

ROLAND CLEMENTS HANSON, B.S., Michigan College of Mining and Technology, 1955; M.S., 1956

WILLIAM COFFEEN HOLTON, B.S., University of North Carolina, 1952; M.S., 1956

JACK DEAN KINGSLEY, B.S., M.S., University of Wisconsin, 1956, 1957; M.S., 1958

AMULYA LAL LASKAR, B.S., M.S., University of Calcutta, 1950, 1953

JAMES GENTRY MULLEN, B.S., University of Missouri School of Mines and Metallurgy, 1955; M.S., 1957

CAMDEN BALLARD PIERCE, B.S., University of Richmond, 1954; M.S., 1956

In Physiology

RUSSELL EUGENE DILL, A.B., M.S., North Texas State College, 1953, 1957

JOHN FREDERICK DIMMICK, B.S., M.S., Western Illinois University, 1948, 1949

ROBERT DENNIS GALVIN, B.S., M.S., University of Kentucky, 1948, 1950

In Political Science

- RICHARD EDWARD BAIRD, A.B., Augustana College, 1951; A.M., 1953
 DAVID WEN-WEI CHANG, A.B., Southwestern (Memphis), 1955; A.M., University of Minnesota, 1957
 EDWARD FERGUSON III, A.B., Millikin University, 1952; A.M., 1956
 CHARLES RAYMOND GREEN, A.B., Augustana College, 1957; A.M., 1959
 BOYD RAYMOND KEENAN, A.B., A.M., University of Kentucky, 1949, 1957
 CHARLES SEYMOUR LIEBMAN, B.B.A., University of Miami, 1956; A.M., 1958
 HARRY RICHARD MAHOOD, A.B., A.M., University of Oklahoma, 1951, 1952
 DAVID MICHAEL WOOD, A.B., Miami University, 1956; A.M., 1958
 LUTHER HARMON ZEIGLER, JR., A.B., Emory University, 1957; A.M., 1958

In Psychology

- HERBERT BLAUFARB, A.B., 1953
 KENT RONALD CHRISTENSEN, B.S., 1956
 ROGERS ELLIOTT, A.B., Brown University, 1952
 ROBERT EDWIN MCMICHAEL, A.B., San Diego State College, 1956; A.M., 1959

In Speech

- JAMES LEE HIGHLANDER, A.B., Eureka College, 1951; A.M., 1952
 GLENN QUIMBY PIERCE, JR., A.B., A.M., University of Kansas, 1957, 1958
 WILLIAM GEORGE ROBERTZ, A.B., Gustavus Adolphus College, 1951; A.M., 1953
 HARRY EDWARD STIVER, JR., A.B., Hastings College, 1950; A.M., University of Nebraska, 1952
 WARREN EARL WRIGHT, A.B., A.M., Emerson College, 1951, 1952

In Theoretical and Applied Mechanics

- GEORGE WILLIAM BROCK, B.S., University of Nottingham, 1952; M.Met., University of Sheffield, 1954; M.S., 1957
 ROY ROCHESTER CRAIG, JR., B.S., University of Oklahoma, 1956; M.S., 1958
 SANGIAHNADAR DHARMARAJAN, B.Eng., University of Madras, 1950; M.S., 1958
 GERALD JAMES MOYAR, B.S.E., Princeton University, 1957; M.S., 1958
 JOHN WASHBURN MURDOCK, B.S., Rose Polytechnic Institute, 1947; M.S., 1956
 CHING-WU TSENG, B.S., M.S., 1956, 1958

In Veterinary Medical Science

- WILLIAM GEORGE HUBER, B.S., D.V.M., M.S., 1950, 1952, 1957

In Zoology

- WALTER LEE GILLESPIE, A.B., A.M., Miami University, 1952, 1954
 JOHN SYLVESTER HALL, B.S., A.M., University of Massachusetts, 1951, 1956
 CARLTON HECKROTTE, B.S., University of Toledo, 1952; M.S., 1956

Degree of Doctor of Education*In Education*

- SAMUEL CLEMENTS ASHCROFT, B.S., Northwestern University, 1946; A.M., New York University, 1951
 CHARLES NELSON GROTE, B.S., Eastern Illinois University, 1950; Ed.M., University of Missouri, 1955
 PROMILA GUPTA, B.Teach., A.B., East Panjab University, 1948, 1949; LL.B., University of Poona, 1955
 JUNE BEAVER JORDAN, A.B., Western Maryland College, 1951
 PHYLLIS KINNISON LOWE, B.S., Ed.M., University of Missouri, 1941, 1950
 CHARLES PATRICK MARTIN, JR., B.S., M.S., 1949, 1949
 JEROME MOSS, JR., B.S., Carnegie Institute of Technology, 1947; A.M., Columbia University, 1957
 JAMES LADD OLSON, B.S., Wisconsin State College (Milwaukee), 1952; Ed.M., 1957
 ESTHER PAULINE ROOSSINCK, B.S., Western Michigan College of Education, 1951; M.S., University of Michigan, 1955
 GEORGE EDWIN ROSS, A.B., Ed.M., 1952, 1953
 JOHN MAGNUSEN SHERICK, A.B., A.M., Michigan State University, 1950, 1951
 GEORGE PATRICK YOUNG, A.B., University of Kansas, 1947; Ed.M., University of Pittsburgh, 1951

In Music Education

- FRANK McCLUNG CROCKETT, B.S., Juilliard School of Music, 1950; M.Mus., University of Texas, 1952
HAROLD DUANE RUTAN, B.S., Ohio State University, 1950; M.F.A., Ohio University, 1952; Ed.M., 1957

Degree of Doctor of the Science of Law

- MAURICE GRAHAM PORTER, LL.B., 1938
THOMAS REX VALENTA, B.S., University of Idaho, 1926; LL.B., University of Minnesota, 1933; LL.M., 1953

Degree of Doctor of Musical Arts

- LAWRENCE THOMAS FREDRICKSON, B.Mus., Ohio Wesleyan University, 1950; M.Mus., 1952

Degree of Master of Arts*In English*

- MARGARET ANNE THATCHER ROBINSON, A.B., Queen's University, 1959

In French

- WILLIAM MONTIETH McINTOSH, A.B., Oberlin College, 1952; A.M., University of Chicago, 1956

In History

- DAVID HOLMES BRAWNER, A.B., 1957
WILLIAM GILBERT GARD, A.B., 1958
LYMAN ARTHUR KELLSTEDT, B.S., Bradley University, 1958
WALTER JOSEPH STEINER, B.S., College of the City of New York, 1956

In Political Science

- JOHN CLYDE NORTON, A.B., St. Ambrose College, 1956

In Psychology

- JAMES VINCENT SHANNON, B.S., Loras College, 1950
INA CEPENAS UZGIRIS, B.S., 1957

In Sociology

- HAROLD TWAIN CURL, A.B., Olivet Nazarene College, 1953
SAYAN UTHAISRI, LL.B., University of Thammasat, 1951

In Spanish

- MARCIA JEAN WHITE, A.B., University of Rochester, 1959

In Speech

- THOMAS JAMES WATERS, A.B., University of Delaware, 1958

In the Teaching of Speech

- GONNIE MICHAELOFF, B.S., 1955

Degree of Master of Science*In Advertising*

- CARL WILLIAM KIRNBAUER, A.B., University of Chicago, 1958

In Aeronautical Engineering

- JAMES JOSEPH PIECHOCKI, B.S., 1956
CHARLES RAY STROM, B.S., 1959

In Agricultural Economics

- BOYD ALONZO HENRY, B.S., 1951
WILLIAM LLOYD MILLER, B.S., 1957

In Chemical Engineering

- DENNIS BOYDE SIGLOH, B.S., University of Minnesota, 1959

In Chemistry

MARTHA HEINSELMAN MORAGHAN, B.S., Kent State University, 1958
MARILYN YVONNE SMITH, B.S., West Virginia Wesleyan College, 1958

In Dairy Science

LARRY LARUE EWING, B.S., University of Nebraska, 1958

In Economics

ROBERT LOUIS DOLEZAL, B.S., University of Nebraska, 1959

In Finance

LAWRENCE SAGER, B.S., 1958

In Food Technology

WEI-TSE HSIEH, B.S., National Taiwan University, 1956
WAYNE LESLIE STEENSEN, B.S., University of Dubuque, 1958

In Geology

JOHN BRIAN KENNERLEY, B.S., University of London, 1959
NORMAN JOHN PAGE, A.B., University of Oxford, 1957
RICHARD ELBRIDGE SMITH, A.B., University of New Hampshire, 1959

In Management

PAUL MILTON ABLE, B.S., Quincy College, 1958

In Mechanical Engineering

DAVID DICKEN REDHED, A.B., Ripon College, 1956; B.S., Massachusetts Institute of Technology, 1959

In Metallurgical Engineering

EDGARDO ANGEL BISOGNI, Chemist, National University of LaPlata, 1957; License, National University of Cuyo, 1958
JOHN ANTHONY HREN, B.S., University of Wisconsin, 1957
STUART MAURICE MYRON, B.S., University of California (Berkeley), 1959

In Microbiology

ELIZABETH THOMAS GAUDY, B.S., Austin Peay State College, 1947

In Physical Education

MARY MURPHY ALFORD, B.S., Agricultural and Technical College of North Carolina, 1951
LARRY THOMAS MASYELLER, A.B., Albion College, 1959
BRODIE CURTIS WESTEN, JR., B.S., Northern Michigan College of Education, 1958

In Radio and Television

DONALD HERMAN SCHLOSSER, B.S., Marquette University, 1957

In Recreation

LYNWOOD DALE GRAFT, B.S., Montana State College, 1959
WILBURN EDWARD NORMAN, B.S., 1957

In the Teaching of Mathematics

JOAN MARIE SMITH, A.B., Mundelein College, 1957; Ed.M., Loyola University, 1960

In Theoretical and Applied Mechanics

ERNEST VICTOR WILMS, B.S., University of Manitoba, 1958

In Veterinary Medical Science

RAYMOND EDGAR OLSEN, B.S., D.V.M., 1950, 1952
THOMAS NEIL PHILLIPS, B.S., D.V.M., 1953, 1955

In Zoology

JOHN CLEMENT CBALLEY, B.S., 1956
KENNETH GENE HARTZ, B.S., 1958
RAYMOND LAWRENCE WILL, B.S., 1959

Degree of Master of Music

CAROLYN AYERS FINFGELD, B.Mus., Oberlin College, 1959

HARRY JOSEPH SPTLER, B.Mus., Cleveland Institute of Music, 1958

COLLEGE OF AGRICULTURE**Degree of Bachelor of Science***In Agriculture*

WILLIAM ALBERT BROWN

BERKELEY FREDERICK MOYLAND, JR.

RODNEY ARTHUR NILSSON

DAVID HUBERT OAKES

COLLEGE OF ENGINEERING**Degree of Bachelor of Science***In Aeronautical Engineering*

WILLIAM WOLNY

In Electrical Engineering

STEPHEN SUI-KUAN WANG

In Industrial Engineering

RICHARD SANDER LAZAR

In Mechanical Engineering

ROBERT JAMES NOLAN

COLLEGE OF LIBERAL ARTS AND SCIENCES**Degree of Bachelor of Arts***In Liberal Arts and Sciences*

WILLIAM DELOS CARLOCK

RONALD ALAN FEINGOLD, Honors in
Liberal Arts and SciencesBARBARA FRANCES GAUL, Honors in
Liberal Arts and Sciences

ALFRED IRWIN GREENBERG

LINNEA CARLSON ROSS

ELIZABETH AGRIMONTI SWEET

Degree of Bachelor of Science*In Chemical Engineering*

TAMAS ACEL

In Liberal Arts and Sciences

JOHN KEITH BOUSEMAN

JOHN DAVID DUBINECKI

BURDETT SHERIDAN DUNBAR, Honors
in Liberal Arts and SciencesJOSEPH HOWARD MAURITZEN, Honors
in Liberal Arts and SciencesBARBARA JEAN MILLER, Honors in
Liberal Arts and SciencesBARBARA GRAY VEST, Honors in
Liberal Arts and Sciences

PHYLLIS JEAN WENDEL

In the Teaching of Mathematics

BARBARA JEAN PARDINI

COLLEGE OF EDUCATION**Degree of Bachelor of Science***In Education*

HUSNU ARICI

MERLE GORDON KAMINSKY, High
Honors*In Elementary Education*

MARIS LYNNE FREED

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Degree of Bachelor of Science***In Finance*

PETER ALLEN HESS

In Marketing

HAROLD QUIST

COLLEGE OF JOURNALISM AND COMMUNICATIONS**Degree of Bachelor of Science***In Communications*

HAROLD MILTON HOFFENKAMP

COLLEGE OF PHYSICAL EDUCATION**Degree of Bachelor of Science***In Physical Education*

GEORGE HENRY BONSALE

BARBARA DIXON BRINKER

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS**Degree of Bachelor of Science**

RICHARD ALLEN HEARD

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations and declinations; (4) leaves of absence; (5) cancellation of sabbatical leave of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

- ABRAMS, SAMUEL I., Instructor in the Classics, academic year beginning September 1, 1960, \$5,000 (9-8-60).
 ABSHIRE, CLAUDE J., Research Associate in Chemistry, five months from September 1, 1960, \$550 a month (9-14-60).
 AIBARA, KAGEAKI, Assistant in Food Technology (S), one year from September 1, 1960, \$4,800 (9-24-60).
 AISO, HIDEO, Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1960, \$4,000 (9-8-60).
 ALHADEFF, ALBERT V., Assistant in Economics (Chicago Undergraduate Division), nine months from September 16, 1960, \$4,500 (9-12-60).
 ALMY, GERALD M., Professor of Physics and Acting Head of the Department (C), July 1-31, 1960, and August 16-September 15, 1960, \$2,022.22 a month, supersedes (9-8-60).
 AL-RUBAYT, NAJIMIDDEN A., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1960, \$5,400 (9-29-60).
 BAKER, WILLIAM K., Research Assistant in Chemistry, one month from September 1, 1960, \$400 (10-4-60).
 BAREIS, CHARLES J., Research Associate in Anthropology, one year from September 1, 1960, \$6,300 (10-4-60).
 BARTHEL, MRS. CHRISTINA G., Assistant in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), September 6, 1960-August 31, 1961, \$4,650 a year, supersedes (9-19-60).
 BASSETT, IAN M., Research Associate in Chemistry, three months from September 1, 1960, \$1,400 (10-4-60).
 BERGER, RICHARD A., Instructor in Physical Education for Men, academic year beginning September 1, 1960, \$5,200 (9-8-60).

- BIELINSKI, STEFAN, Clinical Assistant Professor of Dermatology (Medicine), one year from September 1, 1960, without salary (9-14-60).
- BLACK, SIDNEY, Clinical Assistant Professor of Surgery (Medicine), $\frac{1}{4}$ time, one year from September 1, 1960, \$2,400 (9-19-60).
- BLANDY, JOHN P., Instructor in Surgery (Medicine), ten months from September 1, 1960, without salary (9-2-60).
- BLOOMFIELD, JORDAN J., Research Associate in Chemistry, five months from September 1, 1960, \$550 a month (9-29-60).
- BLOSTEIN, RHODA, Research Associate in Chemistry, September 15, 1960-August 31, 1961, \$5,500 a year (10-4-60).
- BOLIN, RICHARD R., Clinical Assistant Professor of Psychiatry (Medicine), August 1, 1960-August 31, 1961, without salary, supersedes (9-14-60).
- BORESI, ARTHUR P., Professor of Theoretical and Applied Mechanics (C), September 1-15, 1960, \$1,044 a month; this is in addition to his present appointment (9-8-60).
- BOWALD, ROSEMARY A., Instructor in Home Economics (C), academic year beginning September 1, 1960, \$4,800 (9-9-60).
- BREEDIS, JOHN F., Research Associate in Mining and Metallurgical Engineering (C), September 16, 1960-August 31, 1961, \$7,500 a year, supersedes (9-19-60).
- CALLAHAN, GARY D., Microanalyst in Chemistry, September 28, 1960-August 31, 1961, \$4,650 a year (10-4-60).
- CARROLL, JOHN A., Assistant in Recreation (College of Physical Education) and in the Illini Union, nine months from September 16, 1960, \$4,000, supersedes (9-12-60).
- CARROLL, PATRICIA M., Assistant in Education (University High School), nine months from September 16, 1960, \$4,700 (9-19-60).
- CECE, JOSEPH D., Clinical Assistant in Medicine (Medicine), one year from September 1, 1960, without salary (9-12-60).
- CHALMERS, RUTH V., Research Assistant in Electrical Engineering (C), one year from September 1, 1960, \$4,650, supersedes (10-4-60).
- CHANNAPRAGADA, RAO S., Research Associate in Mining and Metallurgical Engineering (C), $\frac{3}{4}$ time, one year from September 1, 1960, \$6,000 (9-23-60).
- COLEMAN, HAROLD M., Instructor in Chemistry (Chicago Undergraduate Division), $\frac{3}{4}$ time, academic year beginning September 1, 1960, \$4,350 (9-19-60).
- COST, JAMES R., Research Assistant in Theoretical and Applied Mechanics (C), September 16, 1960-January 31, 1961, \$2,000 (10-4-60).
- COTE, MICHEL G., Instructor in Veterinary Physiology and Pharmacology (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), $\frac{3}{8}$ time, one year from September 1, 1960, \$4,500 (9-19-60).
- COTTRELL, FRANCES B., Assistant in Education (University High School), nine months from September 16, 1960, \$5,400 (9-19-60).
- CROSS, MRS. MARY A., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1960, \$4,000 (9-8-60).
- DAMRIN, DORA E., Associate Professor of Education, Bureau of Educational Research, on indefinite tenure, and Assistant Director of the University Honors Program, one year from September 1, 1960, \$9,700 a year (9-8-60).
- DAS, ARUP K., Research Assistant in Oral Pathology (Dentistry), September 16, 1960-August 31, 1961, \$4,650 a year (10-4-60).
- DEPALMA, RUDOLPH E., Research Associate in Applied Materia Medica and Therapeutics (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1960, \$3,300 (9-19-60).
- DILL, JAMES E., Clinical Assistant in Medicine (Medicine), one year from September 1, 1960, without salary (9-12-60).
- EBERWEIN, HORST, Research Associate in Chemistry, October 1, 1960-August 31, 1961, \$6,300 a year (10-4-60).
- EISEN, NATHANIEL H., Assistant Professor of Psychology, $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$4,000 (9-28-60).
- ENGELSBURG, STANLEY J., Research Associate in Physics (C), September 26, 1960-August 31, 1961, \$7,000 a year (9-29-60).
- EVITTS, MARY S., Associate Professor of Nursing, September 1-October 7, 1960, \$9,500 a year (9-12-60).
- FAIMAN, MICHAEL, Research Assistant in the Digital Computer Laboratory, nine months from September 1, 1960, \$6,533 a year (9-8-60).

- FARA, HARRY, Research Associate in Mining and Metallurgical Engineering (C), $\frac{3}{4}$ time, one year from September 1, 1960, \$6,667 (10-10-60).
- FEIGHT, JOHN J., JR., Assistant Extension Editor, with rank of Instructor (E), September 15, 1960-August 31, 1961, \$7,500 a year (9-14-60).
- FRITZ, THOMAS E., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), September 17, 1960-August 31, 1961, \$8,000 a year, supersedes (10-5-60).
- GALLIOS, JOHN A., Research Assistant in Pedodontics (Dentistry), one year from September 1, 1960, \$4,650 (10-4-60).
- GAZDA, GEORGE M., Research Assistant Professor of Education, academic year beginning September 1, 1960, \$7,200 (10-4-60).
- GILSON, NANCY V., Instructor in Medical Social Work (Medicine), one year from September 1, 1960, without salary (9-14-60).
- GOLDSTEIN, MELVIN, Research Associate in Psychology, $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$3,000, supersedes (9-19-60).
- GRANT, E. RHODA, Research Associate in Clinical Science (Medicine), $\frac{4}{5}$ time, one year from September 1, 1960, \$4,800 (9-12-60).
- GRAY, MRS. MARY T., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1960, \$4,000 (9-8-60).
- GREEN, ROBERT A., Research Assistant in Medicine (Medicine), September 6, 1960-August 31, 1961, \$4,650 a year (9-12-60).
- GREENEISEN, JON F., Instructor in Agricultural Communications and Journalism (College of Agriculture, Extension Service in Agriculture and Home Economics, and College of Journalism and Communications), one year from September 1, 1960, \$7,500, supersedes (9-14-60).
- GUY, OSMOND S., Instructor in Art, academic year beginning September 1, 1960, \$5,500 (9-19-60).
- HARNISH, MRS. ALICE J., Assistant in Education (University High School), nine months from September 16, 1960, \$5,000 (9-9-60).
- HARRINGTON, JOHN C., Project Assistant in Chemistry, with rank of Research Assistant, one year from September 1, 1960, \$6,750 (10-4-60).
- HEDEGAARD, JENS, Research Associate in Chemistry, one year from September 1, 1960, \$6,000, supersedes (10-4-60).
- HEDVIG, THOMAS I., Instructor in Electrical Engineering (C), $\frac{1}{3}$ time, academic year beginning September 1, 1960, \$1,000; this is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Electrical Engineering for five months from September 1, 1960 (9-12-60).
- HERMAN, MYRL G., Visiting Lecturer in Education, nine months from September 16, 1960, \$7,200 (9-8-60).
- HERRICK, ROBERT L., Assistant in Sociology, nine months from September 16, 1960, \$5,500 (9-15-60).
- HOLDEN, MRS. MARGARET, Consultant in the School of Social Work, with rank of Associate Professor, one year from September 1, 1960, \$10,500, supersedes (9-19-60).
- HRADEK, RICHARD W., Research Associate in Theoretical and Applied Mechanics (C), 62/100 time, academic year beginning September 1, 1960, \$3,224, supersedes (9-29-60).
- HUFFNAGLE, MADELINE A., Research Assistant in Zoology, September 16, 1960-August 31, 1961, \$4,800 a year (10-4-60).
- HUTCHINSON, JOHN W., Instructor in Civil Engineering (C and S), academic year beginning September 1, 1960, \$7,900, supersedes (9-19-60).
- JANN, KLAUS, Research Associate in Chemistry, September 1, 1960-January 15, 1961, \$550 a month (10-4-60).
- JORDAN, LAURA, Instructor in Education, one year from September 1, 1960, \$8,500, supersedes (9-14-60).
- KANDA, IWAO, Assistant in Pediatrics (Medicine), one year from July 1, 1960, without salary (9-12-60).
- KARTUN, LAWRENCE D., Clinical Assistant in Medicine (Medicine), one year from September 1, 1960, without salary (9-12-60).
- KAYNAR, OYA, Assistant in Speech and Theatre, nine months from September 16, 1960, \$3,800, supersedes (9-29-60).
- KELSEY, PATRICIA A., Assistant in Occupational Therapy (Medicine), September 15, 1960-August 31, 1961, \$5,300 a year (10-4-60).

- KITAGAWA, ISAO, Research Associate in Food Technology (S), September 15, 1960-August 31, 1961, \$5,500 a year, supersedes (9-22-60).
- KLEE, FLORENCE C., Instructor in Chemistry (Pharmacy), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2,500 (10-4-60).
- KOCH, HARRIETT B., Instructor in Nursing, full time, September 1-December 31, 1960, \$555.55 a month, and $\frac{3}{4}$ time, January 1-August 31, 1961, \$4,000 a year, to render service during the academic year, supersedes (9-12-60).
- KOORAJIAN, SAMUEL, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1960, \$4,650, supersedes (9-12-60).
- KOZLOV, MARVIN, Instructor in Pedodontics (Dentistry), $\frac{4}{5}$ time, one year from September 1, 1960, \$5,800, supersedes (9-19-60).
- KRUMWIEDE, MRS. DORIS M., Research Assistant in Ceramic Engineering (S), September 16, 1960-August 31, 1961, \$5,580 a year, supersedes (10-1-60).
- KUPER, CHARLES G., Research Assistant Professor of Physics (C), four months from November 1, 1960, \$700 a month, supersedes (9-8-60).
- LAMBRAKIS, HELEN, Assistant in Sociology, nine months from September 16, 1960, \$3,800 (9-8-60).
- LASK, EMANUEL A., Research Associate in Education, one year from September 1, 1960, \$7,500 (9-24-60).
- LEACH, JAMES L., Professor of Foundry Engineering, in the Indian Institute of Technology, Kharagpur, India, under Contract ICAC-1220, beginning October 10, 1960, and continuing through April 20, 1961, \$14,200 a year; in addition to salary, allowances as provided in the Standardized United States Government Civilian Allowance Regulations (Foreign Areas) as from time to time amended, will also be paid; and Professor of Mechanical Engineering (C), indefinite tenure from April 21, 1961, annual salary \$9,200, supersedes (9-14-60).
- LEE, BONG K., Research Assistant in Chemistry (Pharmacy), one year from September 1, 1960, \$4,800 (10-5-60).
- LIERMAN, GERTRUDE H., Assistant in Home Economics (C), nine months from September 16, 1960, \$4,300 (10-4-60).
- LINDLEY, DANIEL A., JR., Instructor in Education (University High School), academic year beginning September 1, 1960, \$5,800 (9-29-60).
- LINDSTROM, BJORN, Instructor in Surgery (Medicine), 7/10 time, nine months from September 15, 1960, \$400 a month (10-4-60).
- LITTLEDIKE, ERNEST T., Instructor in Veterinary Anatomy and Histology (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), $\frac{3}{5}$ time, one year from September 1, 1960, \$4,600 (9-19-60).
- LÜSCHER, EDGAR, Research Assistant Professor in the Coordinated Science Laboratory (C), one year from September 1, 1960, \$10,000, supersedes (9-14-60).
- MARTIN, NANCY L., Instructor in Nursing, one year from September 1, 1960, \$6,000 (9-14-60).
- MCDONALD, MRS. EVELYN K., Instructor in Psychiatry (Medicine), $\frac{4}{5}$ time, eleven months from October 1, 1960, \$9,000 a year (9-19-60).
- MCGREW, ELIZABETH A., Lecturer in Pathology, with rank of Associate Professor (Medicine), four months from September 1, 1960, \$1,300 a month (9-14-60).
- MEERMAN, GERARDINE, Research Assistant in Chemistry, nine months from September 16, 1960, \$3,800 (10-4-60).
- METZE, GERNOT A., Research Assistant Professor of Electrical Engineering (C) and in the Digital Computer Laboratory, one year from September 1, 1960, \$8,500, supersedes (9-19-60).
- MEYER, JULIA, Assistant Professor of Oral Pathology (Dentistry), one year from September 1, 1960, \$9,900 (7-18-60).
- MODI, VINOD V., Research Associate in Animal Science (S), one year from April 15, 1961, \$6,000 (9-29-60).
- MOSS, JAMES W., Research Associate in the Institute for Research on Exceptional Children, one year from September 1, 1960, \$8,450, supersedes (9-14-60).
- MULVANEY, JAMES E., Research Associate in Chemistry, one year from September 1, 1960, \$6,600 (9-20-60).
- MURDOCK, JOHN W., Assistant Professor of Theoretical and Applied Mechanics (C), academic year beginning September 1, 1960, \$6,900 (9-23-60).

- NAGARAJ, AKKIBERHAL N., Research Associate in Botany, six months from August 16, 1960, \$500 a month (9-8-60).
- NAIR, MOHAN D., Research Associate in Chemistry, September 12, 1960-February 28, 1961, \$541.67 a month (10-4-60).
- NAMBURY, C. N. V., Research Associate in Chemistry (Pharmacy), one year from September 1, 1960, \$6,000 (10-4-60).
- NEDELSKY, LEO, Research Associate in Teacher Education (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1960, \$2,700 (10-4-60).
- NICKELSON, WILLIS F., Instructor in Animal Science Extension (E), one year from September 1, 1960, \$7,700, supersedes (9-8-60).
- NUENKE, RICHARD H., Research Associate in Chemistry, one year from September 1, 1960, \$6,500 (9-14-60).
- OTSUKI, SABURO, Research Associate in Psychiatry (Medicine), eleven months from October 1, 1960, \$5,500 a year (9-14-60).
- PAOLUCCI, ANNA M., Research Associate in Animal Science (S), September 15, 1960-August 31, 1961, \$5,500 a year (9-19-60).
- PEASE, DAVID W., JR., Assistant in Education (University High School), nine months from September 16, 1960, \$5,000 (9-9-60).
- PETERSON, HELEN M., Research Associate in Botany, nine months from September 16, 1960, \$4,500 (9-9-60).
- PFALLER, SHIRLEY B., Research Assistant in Chemistry, September 16, 1960-August 31, 1961, \$4,800 a year (10-4-60).
- PORTER, RICHARD N., Instructor in Physical Chemistry, one year from September 1, 1960, \$6,600 (10-6-60).
- PRICE, BARBARA P., Assistant in Home Economics (C), one year from September 1, 1960, \$4,800 (9-29-60).
- PRINCE, THOMAS R., Instructor in Accountancy, $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2,400, supersedes (10-4-60).
- RAFF, MRS. MURNA J., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1960, \$4,000 (9-8-60).
- RAO, P. V. SURYANARAYANA, Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1960, \$4,000 (9-8-60).
- RAY, SYLVIAN R., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1960, \$5,670 (9-8-60).
- RICE, DONALD W., Instructor in Prosthodontics (Dentistry), $\frac{3}{4}$ time, one year from September 1, 1960, \$3,960 (9-19-60).
- RICKS, VICTOR E., Research Associate in Dental Education (Dentistry), 1/10 time, one year from September 1, 1960, \$900; this is in addition to his appointment as Associate Professor of Education (Chicago Undergraduate Division) (10-4-60).
- ROSENBERG, RONALD, Assistant Professor of Anesthesiology, Department of Surgery (Medicine), 95/100 time, one year from September 1, 1960, \$14,000 (9-14-60).
- SANDERS, WALLACE W., JR., Assistant Professor of Civil Engineering (C and S), academic year beginning September 1, 1960, \$6,400, supersedes (9-8-60).
- SCHAW, LOUIS C., Research Associate in Psychiatry (Medicine), one year from September 1, 1960, \$9,000 (9-14-60).
- SHECK, DONALD E., Assistant Professor of General Engineering (C), academic year beginning September 1, 1960, \$6,300, supersedes (10-4-60).
- SCHWARZ, MARVIN, Assistant Professor of Psychiatry (Medicine), four months from September 1, 1960, \$1,083.33 a month (9-8-60).
- SCOTT, EDWARD J., Visiting Associate Professor of Biometry (Agronomy) (S), to render service during the first semester of the academic year, September 1, 1960-February 28, 1961, \$6,000; this is in addition to his present appointment (9-14-60).
- SHENOI, B. ANANTHA, Instructor in Electrical Engineering (C), $\frac{3}{4}$ time, academic year beginning September 1, 1960, \$3,000, supersedes (10-4-60).
- SHIOURA, NORIO, Research Associate in the Aeromedical Laboratory (Chicago Professional Colleges), one year from September 1, 1960, \$7,400 (9-17-60).
- SHUBERT, HARRY A., Research Assistant in Electrical Engineering (S), one year from September 1, 1960, \$5,100 (10-4-60).
- SMITH, GARMOND S., Assistant Professor of Animal Science (C and S), one year from September 1, 1960, \$8,200 (9-8-60).

- SOPHIANOPOULOS, A. J., Research Associate in Chemistry, one month from September 1, 1960, \$500 (10-10-60).
- SRINIVASAN, V. R., Research Associate in Microbiology, one year from September 1, 1960, \$7,000 (9-8-60).
- STEPHENSON, JANET E. J., Research Assistant in Chemistry, August 22, 1960-August 31, 1961, \$4,700 a year (9-12-60).
- STORCK, MRS. YVETTE, Assistant in French, September 16, 1960-January 31, 1961, \$422.22 a month, supersedes (10-4-60).
- SUSINA, STANLEY V., Acting Head of the Department of Pharmacy (Pharmacy), from September 1, 1960, and continuing until further notice, \$1,200 a year; this is in addition to his present appointment as Assistant Professor of Pharmacy; total salary, \$9,800 a year (10-4-60).
- SUSLICK, ALVIN, Clinical Instructor in Psychiatry (Medicine), one year from September 1, 1960, without salary (9-2-60).
- TAYLOR, CHARLES R., Instructor in Police Training Institute (Division of University Extension), eleven months from October 1, 1960, \$7,000 a year (9-14-60).
- TESTA, DANIEL P., Assistant in Spanish, academic year beginning September 1, 1960, \$5,400 (9-8-60).
- THOMPSON, RANDALL G., Head Resident, Single Graduate Halls, one year from September 1, 1960, \$2,400, with two weeks vacation; for the convenience of the University, he will also be furnished housing valued at \$900 (9-29-60).
- TORRIENTE, LUIS R., Research Assistant in Medicine (Medicine), one year from July 1, 1960, without salary (9-20-60).
- TSUJI, HIDEO, Research Assistant in Anesthesiology, Department of Surgery (Medicine), ten months from September 1, 1960, \$4,650 a year (9-20-60).
- TSUNETO, TOSHIHIKO, Research Assistant in Physics (C), six months from September 1, 1960, \$407.33 a month, supersedes (9-29-60).
- VAN BEAUMONT, SHEILA L., Assistant in Physical Education for Women on 9/10 time and in Education (University High School) on 1/10 time, nine months from September 16, 1960, \$5,400, supersedes (10-4-60).
- VANGOR, DONALD W., Pharmacy Resident in Hospital Pharmacy (Research and Educational Hospitals) (Pharmacy), $\frac{1}{2}$ time, one year from September 1, 1960, \$1,500; for the convenience of the University he will also receive room and board, supersedes (10-4-60).
- VAN PELT, JOHN D., Assistant in Psychology, Department of Psychiatry (Medicine), one year from September 1, 1960, without salary (9-20-60).
- VARANDANI, PARTAB T., Research Associate in the Radiocarbon Laboratory, one year from September 1, 1960, \$5,800 (9-13-60).
- WALKER, ROBERT D., Soil Conservation Specialist in Agricultural Extension, with rank of Instructor (E), ten months from November 1, 1960, \$9,000 a year (9-8-60).
- WANG, I-CHIH, Research Associate in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2,500 (9-24-60).
- WHITE, CLARENCE E., Instructor in Agricultural Entomology Extension (E), July 1, 1960-August 31, 1961, \$6,450 a year, supersedes (10-4-60).
- WILSON, PAUL E., Research Associate in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1960, \$5,600, supersedes (9-29-60).
- WOLOSHIN, ARTHUR A., Instructor in Psychiatry (Medicine), $\frac{1}{2}$ time, four months from September 1, 1960, \$458.33 a month (9-12-60).
- WYATT, MRS. MARIE G., Assistant in Education (University High School), nine months from September 16, 1960, \$5,000 (9-9-60).
- YUSEM, MILTON, Research Associate in Clinical Science (Medicine), 68/100 time, one year from September 1, 1960, \$4,080 (10-4-60).
- ZAMIS, LENORE H., Assistant in Nursing, September 12, 1960-August 31, 1961, \$5,500 a year (9-24-60).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- ARANA, JOSE A., United States Public Health Service Postdoctoral Fellow (Special) in Medicine (Chicago Professional Colleges), one year from July 1, 1960, \$5,000 (8-9-60).

- BELLOWS, SYLVIA D., United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation in Education, September 16, 1960-January 31, 1961, \$900 (9-16-60).
- BOWERS, KENNETH S., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1960, \$2,000 (8-8-60).
- CLAYCAMP, HENRY J., JR., Fellow in Economics, nine months from September 16, 1960, \$4,456 (9-8-60).
- DAVIS, MILTON A., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3,900, supersedes (9-16-60).
- FERRER, JOSE, Cancer Clinic Trainee (Tumor Clinic) at the Chicago Professional Colleges, one year from July 1, 1960, \$5,250 (9-23-60).
- FLEISCHMAN, IRA, United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), one year from September 1, 1960, \$4,500 (7-30-60).
- GILBERT, DEWEY, United States Public Health Service Student Fellow in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1960, \$600 (8-30-60).
- HAGEMAN, R. H., Rockefeller Postdoctoral Fellow in Agronomy, one year from September 1, 1960, \$2,400; this stipend is in addition to benefits obtained under a sabbatical leave of absence (9-14-60).
- HAUGEN, TORE, Special Fellow in Law, nine months from September 16, 1960, \$1,500 (9-14-60).
- HEDVIG, THOMAS I., Engineering Faculty Development Teaching Fellow in Electrical Engineering, five months from September 1, 1960, \$833 (9-12-60).
- HEINS, CONRAD F., Teaching Fellow in Chemistry, nine months from September 16, 1960, \$1,366, supersedes (9-30-60).
- HIRSCH, MRS. MARIE-LOUISE, United States Public Health Service Postdoctoral Fellow in Microbiology, one year from September 16, 1960, \$8,000 (9-30-60).
- HOFFMANN, LORENZ M., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1960, \$1,800 (9-9-60).
- HUMPHREYS, DEVERL S., Paul V. Galvin Teaching Fellow in Electrical Engineering, nine months from September 16, 1960, \$2,000 (9-19-60).
- KAEERLE, MERLIN L., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, one year from June 16, 1960, \$1,900, supersedes (8-25-60).
- KLATTENHOFF, MARY L., United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation in Education, nine months from September 16, 1960, \$1,800 (9-16-60).
- LAFUSE, HARRY G., Standard Oil Foundation Fellow in Electrical Engineering, one year from September 1, 1960, \$3,600 (7-29-60).
- LEEDOM, JOHN M., United States Public Health Service Postdoctoral Research Fellow (Special) in Medicine (Chicago Professional Colleges), one year from July 1, 1960, without stipend (8-13-60).
- MCCLIMENT, EDWARD R., Union Carbide Corporation Fellow in Physics, nine months from September 16, 1960, \$2,100 (8-8-60).
- MEREDITH, MARY J., United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation in Education, September 16, 1960-January 31, 1961, \$900 (9-16-60).
- MILLER, HOWARD L., Fellow in Marketing, nine months from September 16, 1960, \$2,426 (9-8-60).
- MORDOCK, JOHN B., JR., United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation in Education, nine months from September 16, 1960, \$1,800 (9-16-60).
- NORRIS, DONALD, United States Public Health Service Student Fellow in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1960, \$600 (8-30-60).
- PARIZEK, RICHARD R., National Science Foundation Cooperative Fellow in Geology, nine months from October 1, 1960, \$1,650, supersedes (9-20-60).
- PAUL, JAMES W., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1960, \$2,300 (9-9-60).

- ROBERTS, VELMA M., United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation in Education, nine months from September 16, 1960, \$1,800 (9-16-60).
- ROSS, DONALD A., Center for Handicapped Children Fellow (Trainee in Clinical Psychology), at the Chicago Professional Colleges, one year from September 1, 1960, \$3,200 (9-12-60).
- ROUTAMO, EERO R., Special Fellow in Law, nine months from September 16, 1960, \$1,500 (9-14-60).
- SCHAEFFLER, WILHELM F., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, September 12, 1960-June 30, 1961, \$3,775 (8-31-60).
- SPANO, BARTOLO J., United States Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1960, \$450 (9-9-60); and nine months from September 16, 1960, \$1,800 (9-30-60).
- STEIN, HERBERT J., Television Shares Corporation Teaching Fellow in Electrical Engineering, September 16, 1960-January 31, 1961, \$1,000 (9-19-60).
- WATKINS, PHILIP W., W. L. Burlison Teaching Fellow in Agronomy, September 16, 1960-January 31, 1961, \$750; and February 1-June 15, 1961, \$1,000, supersedes (9-9-60).
- WOODFIN, BEULAH M., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1960, \$2,100 (8-31-60).

RESIGNATIONS AND DECLINATIONS

- ATCHINSON, EDITH M., Resident Assistant, Allen Hall—declination effective September 1, 1960.
- BLANKFIELD, JUDITH, Research Associate in the Digital Computer Laboratory—declination effective September 1, 1960.
- BOLES, WILLIAM D., Fellow (Teaching Intern) in Electrical Engineering—resignation effective September 16, 1960.
- BOROWITZ, GENE, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges)—resignation effective October 1, 1960.
- CONNOR, RALPH G., Instructor in Sociology, Division of General Studies—declination effective September 1, 1960.
- FIERING, ALVIN, Producer in the Television Station, Department of Broadcasting, Television-Motion Pictures—resignation effective September 22, 1960.
- FLEMINGS, ARTHUR W., Instructor in Verbal Communication, Division of General Studies—resignation effective September 1, 1960.
- GALINSKY, ALVIN M., Instructor in Chemistry (Pharmacy)—resignation effective September 1, 1960.
- GARWIN, EDWARD L., Research Assistant Professor of Physics—resignation effective September 28, 1960.
- GLOCKNER, MARY Z., Editor in the Small Homes Council-Building Research Council, with rank of Assistant Professor—resignation effective October 26, 1960.
- GOODMAN, ALAN B., Research Assistant in the Institution for Tuberculosis Research—resignation effective September 16, 1960.
- GUYON, ETIENNE, Research Associate in Physics—declination effective September 1, 1960.
- HILL, ROBERT E., Assistant Professor of Finance—resignation effective September 1, 1960.
- HOOVER, CHARLES R., Research Associate in Dairy Science—resignation effective October 1, 1960.
- JOHNSON, MRS. HELEN, Assistant in Home Economics—resignation effective October 1, 1960.
- JONES, MARGARET F., Research Assistant in Medicine (Medicine)—resignation effective October 1, 1960.
- KORMENDY, CHARLES G., Research Assistant in Chemistry (Pharmacy)—resignation effective September 1, 1960.
- LIBERTA, ANTHONY E., Teaching Fellow in Botany—resignation effective September 16, 1960.
- LU, MISS WEI-JUNE, Fellow in Horticulture—resignation effective September 16, 1960.
- PASCHKES, ERICH, Clinical Assistant Professor of Psychiatry (Medicine)—resignation effective September 1, 1960.

- PULOS, PETER, Clinical Instructor in Medicine (Medicine) — declination effective September 1, 1960.
SCHUG, JOHN C., Research Assistant in Chemistry — resignation effective September 1, 1960.
SHAH, SHANTILAL N., Research Assistant in Animal Science — resignation effective November 1, 1960.
SHERRATT, JANE C., Assistant in Nursing — resignation effective September 1, 1960.
SWING, JACK H., Assistant Professor of Architecture — resignation effective September 1, 1960.
WRIGHT, WILLIAM V., United States Public Health Service Fellow (Trainee) in Food Technology — resignation effective September 1, 1960.

LEAVES OF ABSENCE

- COLE, DAVID H., Associate Professor of Mechanical Engineering, in the College of Engineering — leave of absence, without pay, for one year from September 1, 1960, so that he may do work toward a Ph.D. degree at the Georgia Institute of Technology, Atlanta, Georgia.
GOTSHALK, D. W., Professor of Philosophy and Chairman of the Department — leave of absence, with pay, for the first semester of the academic year 1960-61, on account of illness.
KOHLS, CARL W., Assistant Professor of Mathematics — extension of leave of absence, without pay, from September 1, 1960, through August 31, 1961.
MCNALLY, RANDALL E., Clinical Instructor in Surgery, in the College of Medicine — leave of absence for military service for one year from September 1, 1960.
MILLBROOK, MAY I., Staff Physician in the Health Center and Associate Professor of Hygiene — leave of absence, without pay, from August 1 through 14, 1960.
SHERWIN, C. W., Professor of Physics and Associate Director of the Coordinated Science Laboratory — leave of absence, without pay, for one year from September 1, 1960, so that he may undertake a special assignment on governmental work with Aerospace Corporation, Los Angeles, California.
WESTMEYER, PAUL, Assistant Professor of Education — leave of absence, without pay, from September 1, 1960, through August 31, 1961, so that he may serve on the Chemical Bond Approach Project, sponsored by the National Science Foundation.

CANCELLATION OF SABBATICAL LEAVE OF ABSENCE

- HYDE, VICTOR A., Professor of Community Planning — sabbatical leave of absence for the first semester of 1960-61 cancelled, without prejudice.

On motion of Mrs. Watkins, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

November 16, 1960



The November meeting of the Board of Trustees of the University of Illinois was held at the Chicago Professional Colleges, 833 South Wood Street, Chicago, Illinois, on Wednesday, November 16, 1960, beginning at 1:30 p.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Mr. Wirt Herrick, Governor William G. Stratton, and Mr. George T. Wilkins were absent.

Also present were President David D. Henry, Vice-President and Provost Lyle H. Lanier, Dr. Joseph S. Begando, Assistant to the President and Acting Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Mr. Ralph F. Leemann, Legal Counsel, Mr. C. S. Havens, Director of the Physical Plant, Mr. C. E. Flynn, Director of Public Information, Mr. Vernon L. Kretschmer, Director of Auxiliary Services; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

MEETINGS OF COMMITTEES

Meetings of the Board's Committees on General Policy and Buildings and Grounds were held on Wednesday, November 16, 1960, beginning at 10:00 a.m.

ADDRESS BY MR. PARK LIVINGSTON

President Williamson announced that he had invited Mr. Park Livingston, a former member of the Board of Trustees for eighteen years (1941-59) and President of the Board for twelve of those years, and Chairman of the State Citizens Committee for the Universities Bond Issue, to today's meeting as a guest and to report on the work of the Committee.

Mr. Livingston was introduced and he addressed the Board briefly on the activities of the Committee. He cited examples of noteworthy services performed by a number of individuals, business and professional organizations, and other groups in presenting to the people of Illinois the facts about the Universities Bond Issue. He also reported on results known to date of the balloting on the bond issue in the 1960 election.

At the conclusion of his address, Mr. Wayne A. Johnston offered the following resolution, and moved its adoption:

In the summer of 1960, the Governor appointed a state "Citizens Committee for the Universities Bond Issue." This is a non-partisan committee. Its members include some 140 civic-minded men and women from all walks of life and all areas of the state. Working in cooperation with Committees on bond issue interpretation representing the constituencies of the state universities and with local county organizations, the state Committee devoted itself to informing the people of Illinois of the crisis in higher education they will face in the next ten years and the alternatives.

The Board of Trustees takes this occasion to express publicly its appreciation of the services of the state Committee and particularly of its Chairman, Mr. Park Livingston of Chicago, who did so much of the work. He gave the task at hand distinguished leadership, directed the state-wide activities effectively, and made numerous personal appearances at much sacrifice of time from his own affairs.

It is impossible to identify all of the other individuals who in one way or another worked on the interpretation of the bond issue, so that in this public recognition of the Committee's and Mr. Livingston's services, the Board would have it known it is also recording its appreciation of the services of all who worked with the Committee at all levels. In a public issue of this kind every effort counts.

This resolution was adopted by a standing vote.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

ILLINI UNION AND HEALTH CENTER REVENUE BONDS

(1) The Vice-President and Comptroller submits the following recommendations relating to the issue of "The Board of Trustees of the University of Illinois Illini Union and Health Center Bonds, Series A and B of 1960."

The Comptroller and Secretary of the Board be authorized to execute a Loan Agreement with the Housing and Home Finance Agency upon terms satisfactory to the Comptroller and consistent with a resolution to be presented to the Board for adoption at a subsequent meeting;

The Series A bonds in the amount of \$5,200,000 be sold to Halsey, Stuart, and Company, Inc., and Associates at a price of \$5,151,670 and at an effective interest rate of 3.89162 per cent, which represents the lowest interest cost to the University;

The Series B bonds in the amount of \$2,750,000 be sold to the Housing and Home Finance Agency at an interest cost of $3\frac{1}{4}$ per cent in accordance with and pursuant to the above mentioned Loan Agreement;

The bonds be executed by facsimile signatures of Frances B. Watkins and Timothy W. Swain, members of the Board, by the facsimile signature of Kenney E. Williamson, President of the Board, and by the signature of A. J. Janata, Secretary of the Board;

The firm of Chapman and Cutler be retained as bond counsel for this issue;

The Board ratify and confirm all actions taken or to be taken by the officers and members of the Board in connection with the sale and delivery of the bonds.

I concur.

On motion of Mr. Swain, the foregoing recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton, Mr. Wilkins.

BIENNIAL OPERATING BUDGET

(2) The Board of Trustees at its meeting on July 26, 1960, approved recommendations for state capital appropriations for 1961-63. I now submit the operating budget estimates for the two-year period beginning July 1, 1961.

This budget has been in preparation for several months by the University's Budget Committee¹ under the chairmanship of the Vice-President and Provost, and in consultation by him with the deans, directors, and other administrative officers. The estimates prepared by the colleges, schools, institutes, and other departments have been carefully reviewed, revised, and in a number of cases substantially reduced. The University Council has likewise been consulted and has approved the estimates as now submitted.

This budget has also been carefully studied by the Finance Committee of the Board in two special work sessions in which other Trustees have participated.

I recommend that these budget estimates be approved as a basis for filing with the State Department of Finance and presentation to the state administration and to the Illinois Budgetary Commission.

The President of the University presented the recommendations in detail and invited discussion of them. His recommendations, together with the budget estimates and supporting materials, had been sent to all members of the Board for study several weeks in advance of today's meeting.

Mr. Swain, Chairman of the Finance Committee, reported that the budget recommendations had previously been considered by the Committee in consultation with the President of the University, other University officials, and other Trustees in two work sessions held on October 19 and November 10. Representatives of the press were invited to the Finance Committee meeting on November 10 to hear the discussion of the budget and for a press conference.

Following the presentation of these reports and recommendations, on motion of Mr. Swain, the following budget was approved, and the President of the University was authorized to file this budget with the Department of Finance; and the President of the Board, the Chairman of the Finance Committee, and the President of the University were authorized to represent the Board in conferences with state officials

¹ Lyle H. Lanier, Vice-President and Provost, Chairman; H. O. Farber, Vice-President and Comptroller; Joseph S. Begando, Acting Vice-President in charge of the Chicago Professional Colleges; F. T. Wall, Dean of the Graduate College; C. A. Knudson, Professor and Head of the Department of French; O. Burr Ross, Professor and Head of the Department of Animal Science; H. S. Stillwell, Professor and Head of the Department of Aeronautical Engineering; C. A. Moyer, Professor and Head of the Department of Accountancy; A. J. Schneider, Associate Professor of Accountancy, Chicago Undergraduate Division; W. V. Whitehorn, Professor of Physiology, Chicago Professional Colleges.

concerning the budget. This action was taken by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton, Mr. Wilkins.

UNIVERSITY OF ILLINOIS BIENNIAL BUDGET FOR OPERATIONS, 1961-63

Present Budget

The biennial budget of the University of Illinois consists only of those funds which require appropriation by the General Assembly. It does not include funds provided by non-state agencies or by auxiliary enterprises conducted by the University, which provide for approximately 30 per cent of the University's gross annual expenditures. The biennial budget for operations in 1959-61 totals \$55,905,000 a year, or, for the biennium, \$111,810,000 from tax funds and \$13,100,000 from University income, making a total of \$124,910,000. This budget was approved in 1959 with the understanding that \$4,000,000 would be reserved for salary adjustments and for the staff necessary to provide for the increased enrollment in the second year of the biennium. Therefore the funds in the budget were distributed so as to provide \$60,455,000 for 1959-60 and \$64,455,000 for 1960-61.

The biennial budget encompasses not only instruction on the University's three campuses, but also research activities, extension teaching, and other services to the people of the state.

Many University activities receive financial support from federal grants and contracts, and from private gifts. In addition, the University operates auxiliary enterprises such as residence halls, union building, and bookstores. Receipts from all these sources are estimated to total \$29,503,565 for 1960-61, and do not require appropriation by the General Assembly. They are included, however, in the annual budget for operations, which totals \$93,958,565 for 1960-61.

Procedures for Preparing Biennial Budget Requests for 1961-63

The biennial budget requested for 1961-63 is based upon recommendations made by a Budget Committee appointed by the President. This Committee consists of the Vice-President and Provost as chairman, the Vice-President and Comptroller, the Vice-President in charge of the Chicago Professional Colleges, the Dean of the Graduate College, and six faculty members from the three campuses, including representatives of the budget committees of the three Senates.

Preparation of the biennial budget for operations began the spring of 1960, with the submission of requests by the deans and directors for budget increases under Sections V, VI, VII, and VIII of the classification shown in Schedule A. Salary adjustments and the plan for staff health insurance (Sections III and IV) were considered separately by the Budget Committee on a University-wide basis. The asking under Section I was established by law, while that under II represents a funding of commitments made in the biennial budget for 1959-61.

The Budget Committee held a series of meetings during which it conferred with deans and directors concerning their requests. Analyses were made of previous biennial budget requests and of the uses made of funds allocated throughout the period 1953-60. The Committee also gave careful attention to the various proposals for salary increases, and made detailed comparisons of salaries at the University of Illinois with those of other comparable institutions. Estimates of enrollment were prepared for the Committee by the Bureau of Institutional Research, based upon studies of high school enrollments and trends in the proportions of high school graduates applying for admission to college. A parallel study of the office and laboratory space available to instructional units was made, in order to judge their capabilities for accommodating the new staff needed for the predicted increases in enrollment. On the basis of these several studies—including evaluations of urgent requests for increases to meet rising costs of operations and to provide for essential improvements—the Budget Committee recommended the increases shown in Schedule A.

Budget Summary

The requests for additional funds submitted by the deans and directors—plus the increases determined on a University-wide basis—totaled \$41,088,325 for

the biennium. After careful analysis of these requests, considering especially urgency of immediate action, the Budget Committee has reduced this figure and recommends an increase of \$31,360,000 over the appropriations for 1959-61 (an average of \$15,680,000 a year), or approximately 25 per cent of the current appropriations. The total requested budget of \$156,270,000 includes \$142,270,000 from tax revenues of the state and \$14,000,000 from University income. It is divided so as to provide \$75,610,000 for the first year of the biennium and \$80,660,000 for the second year. The higher amount in the second year will be needed primarily for salary adjustments, but also because of larger enrollment in that year. This means an added \$5,050,000 will be required in 1963-65 to maintain the level to be established during the second year of the coming biennium.

Schedule A is a summary statement of the funds requested under the several budget categories. The two columns show comparable figures for (a) increases originally requested by the deans and directors, and (b) amounts recommended by the Budget Committee.

Schedule A. Analysis of Increases Requested

	Requested by Deans and Directors	Amount Recom- mended
I. Contributions to University Retirement System..	\$ 884 100	\$ 884 100
II. To continue for a full biennium funds required for one year only in the 1959-61 biennium.....	4 000 000	4 000 000
III. Salary adjustments for all staff:		
A. 1961-62.....	10 400 000	10 400 000
B. 1962-63.....	4 200 000	4 200 000
IV. University's contribution to staff health insurance	600 000	600 000
V. To provide for increased enrollment 1961-62:		
A. Instructional staff.....	2 011 812	1 420 000
B. Nonteaching staff, expense, and equipment...	1 935 912	1 100 000
VI. To provide for increased enrollment in 1962-63 over 1961-62 level:		
A. Instructional staff.....	544 175	550 000
B. Nonteaching staff, expense, and equipment..	383 200	300 000
VII. To meet increased costs of operation:		
A. Operating costs of new buildings.....	255 900	255 900
B. Increases to maintain present level of services		
1. Increases in expense and equipment to meet accumulated deficiencies.....	4 277 264	2 700 000
2. Increases in auxiliary staff to meet accumulated deficiencies.....	3 600 962	2 000 000
C. Requests to continue on a permanent basis expenditures financed temporarily from savings and from other sources of temporary support...	600 000	600 000
VIII. Other improvements, including new areas of work:		
A. Staff for reduction of teaching overloads.....	1 238 120	400 000
B. Improvements in the educational program...	4 493 380	1 000 000
C. New programs.....	1 213 500	500 000
D. Special twelve-week summer session.....	500 000	500 000
E. Transfer of Police Training Institute to a separate appropriation.....	-50 000	-50 000
Total Increases.....	\$41 088 325	\$ 31 360 000
Present Budget.....		124 910 000
Proposed Budget.....		\$156 270 000

Fund Distribution

	General Revenue	Income Fund	Total
Present Budget.....	\$111 810 000	\$13 100 000	\$124 910 000
Increase.....	30 460 000	900 000	31 360 000
Proposed Budget.....	\$142 270 000	\$14 000 000	\$156 270 000

Explanation of Increases Requested

I. Contributions to University Retirement System..... \$ 884 100

The University Retirement System provides disability and retirement benefits to all permanent staff members and employees of the University, of all other state institutions of higher education, and of related organizations. The University of Illinois' share of the cost of the System is included regularly in its appropriations. An increase of \$884,100 for the biennium is required to continue the benefits provided under the law, mainly because of the larger number of persons who will be on retirement.

II. To Continue for a Full Biennium Funds Required for One Year

Only in the 1959-61 Biennium..... \$4 000 000

As reported to the Seventy-first General Assembly, \$4,000,000 was included for additional enrollment, operation of new buildings, and salary adjustments for 1960-61 only. In approving the budget, the General Assembly was informed that additional appropriations equal to this amount would be required in 1961-63 to continue for two years the level established in the 1959-61 biennial budget for only one year.

The 1959-60 budget was \$60,455,000 and the 1960-61 budget is \$64,455,000, or a total of \$124,910,000 for the biennium. Twice the 1960-61 budget is \$128,910,000, indicating that \$4,000,000 more is needed in 1961-63 to continue the present level of expenditures than was appropriated by the Seventy-first General Assembly for 1959-61.

III. Salary Adjustments for All Staff

1961-62..... \$10 400 000

1962-63..... 4 200 000

A. Academic Staff

The most serious problem facing higher education in the next decade is that of recruiting sufficient personnel to staff classes for nearly twice the present enrollment. Universities can ill afford to lose staff to other professions, and concerted efforts must be made to attract more persons into the teaching profession. Faculty salaries have lagged behind those of all other groups. This led the President's Committee on Education Beyond the High School to recommend that faculty salaries be increased to twice the 1956 level within five to ten years.

Prior to 1955, increases in salaries of the academic staff at the University of Illinois since the years immediately preceding World War II were less than the rise in the cost of living, while other groups in this country made significant gains in purchasing power. During the biennium 1955-57, salaries were increased to the level to which the cost of living had risen, but they were still far short of the gains made by United States employees in general.

Since 1957, the cost of living has risen more slowly than in previous years, and the funds provided by the General Assembly in 1957 and again in 1959 have enabled the University to make substantial improvements in the status of its academic staff. However, faculty salary improvements comparable to those of the past four years must be made in several future biennial periods before faculty salaries will reach those of comparable professions.

To illustrate the magnitude of the salary gap that remains to be closed, University of Illinois professors' salaries are now only 14 per cent above the 1940 average in terms of real earnings, while average annual earnings of all full-time employees in the United States in 1959 were 78 per cent above the 1940 level. All medical, legal, and engineering employees had advanced 77 per cent, while federal civilian workers were up 49 per cent and manufacturing employees 90 per cent. The average net professional income of physicians in independent practice had risen 106 per cent in 1957, the latest year for which data are available. Thus, even though education has contributed much to the economic development of the country, the educational profession in general—including the academic staff at the University of Illinois—has not shared equitably in the growth of the national economy.

As a result the average salary of lawyers in general is higher than the average salary of the full professor (representing the top 25 per cent of the faculty) at the University of Illinois. Physicians in private practice earn on the average more than one and one-half times the average professorial salary.

At a time when the number of faculty members must be rapidly expanded each year, there is an increasing shortage of well-qualified graduate students who enter the teaching profession. Technical advances in business and industry have so increased the demand for graduates with the Ph.D. degree that few universities can compete salary-wise with opportunities in these fields. Since the educational effectiveness of a university depends upon the quality of its faculty, and since the welfare of the state and the nation requires an increased output of better-trained students, it is essential that those already in the teaching profession not be easily enticed into other fields and that an increasing number of the ablest college graduates be encouraged to choose careers in university teaching and research. Many men and women are temperamentally attracted to the academic life, but an absolute essential to holding even these is a generous increase in the salary level.

While the universities must compete with industry and government for academic talent, the primary competition is with other universities. Occasionally, the University can attract distinguished persons to the faculty for salaries lower than those paid by industry or government, but it can almost never obtain a highly talented teacher or research person at a salary substantially below that of another comparable university. The improvement in salaries at the University of Illinois in the past four years has been matched by similar improvements at other major universities, so that little if any gain in the University's competitive position has been made.

In order to compare salaries at the University of Illinois with those at other similar institutions, salary data were requested from the thirty schools in the United States awarding the largest number of Ph.D. degrees. This group included all of the "Big 10" universities, several other state universities, and the leading eastern private schools. Among the twenty-seven from which data were obtained in 1959-60, the University of Illinois ranked eleventh for professors, thirteenth for associate professors, tenth for assistant professors, and eighth for instructors.

Because the lag in faculty salaries is nationwide, every college and university is striving to improve its salary scale. Substantial increases are necessary to "catch up" and "keep up." From such information as we have been able to obtain, the other large Midwestern universities are requesting funds for salary adjustments approximately comparable to those included in this request. Thus, with the salary increase appropriation requested here we should be able to maintain our present competitive position in relation to other schools, even though we may not make significant gains.

Depending upon the total finally provided for salary increases, appropriate adjustments will be made in minimum salaries for the academic ranks in the internal budget for 1961-62. Otherwise, all increases will be made on the basis of individual merit, in keeping with the established University practice.

B. Nonacademic Staff

The University is committed to a policy of paying prevailing rates where they have been established by collective bargaining within the community. To maintain equitable relationships, comparable consideration must be given to closely related classifications, to supervisory groups, and to positions of comparable or higher responsibility, training, and experience.

The University has met its commitments to the prevailing wage groups, and to a considerable degree has been able to maintain a reasonable relationship between these rates and other nonacademic salary ranges. The rapidly increasing scarcity of personnel with experience and training in professional, scientific, and management jobs has resulted in pressure on salary scales outside the University. This is true in nearly all the professional classifications related to medicine on the Chicago campus and in skilled and clerical positions at both Urbana and Chicago.

The sum requested will permit the University to meet the anticipated increases in prevailing rates, and to improve its position in those areas where adjustments are needed to bring rates into line with comparable positions in other employment.

IV. University's Contribution to the Health Insurance Program.....\$600 000

The University has provided, on a voluntary basis, hospital, medical, and surgical insurance for members of the staff and their dependents—with the pay-

ment of premiums by the employee. Two years ago a staff committee, including representation from the six state-supported institutions of higher education, made an exhaustive study and recommended a comprehensive plan whereby the universities would pay the full cost of the insurance for staff members and 50 per cent of the premium for dependents. This proposal was not approved by the General Assembly because of questions relating to comparable provision for other state agencies. Since that time the federal government has approved a program for federal employees, and the trend of providing such benefits by industry has continued.

Representatives of the six state-supported schools have again considered such a program, and all are recommending that funds to provide benefits similar to those proposed two years ago be included in the biennial appropriations for 1961-63. Under the present proposal, however, the state would pay only the cost of the insurance policy for the employee himself. The plan proposed would cover the first \$250 of all hospital expenses, and 80 per cent of additional costs. It would also cover 80 per cent of medical expenditures in excess of \$50 while hospitalized. Each person would be insured for a maximum benefit of \$15,000. The premiums for employees paid from other than state appropriations would be charged to the respective funds from which the employees are paid.

V. To Provide for Increased Enrollment in 1961-62

A. Teaching Staff.....\$1 420 000

Enrollment at the University of Illinois in 1960-61 exceeded by about 500 students the estimates on which the present biennial budgets were based. The excess has been absorbed partly through increases in teaching load beyond those anticipated in the provision made for increased enrollment, and partly by means of staff additions provided temporarily from budget savings. An estimated increase of approximately 1,000 additional students is expected in the regular session of 1961-62. It is estimated that 84 additional staff members at an average salary of approximately \$7,500 for the academic year would be needed for this increase (\$1,260,000 for the biennium). Some 50 staff members at an average salary of \$1,600 for the regular summer session will be needed to provide for the additional enrollment (\$80,000 per year or \$160,000 for the biennium). The total of \$1,420,000 for the biennium represents a reduction of almost 30 per cent from the figure of \$2,011,812 for the biennium requested by the deans and directors.

B. Nonteaching Staff, Expense, and Equipment.....\$1 100 000

It takes more than just teachers to provide university education for a student. As the enrollment increases, therefore, more counseling staff, laboratory assistants, technicians, and clerks are needed in the instructional departments. Library staff and book purchases must also be increased in proportion to the rise in enrollment. Although the relationship is not so direct, administrative services such as purchasing and collection of funds require modest increases in personnel. The work load of the Admissions and Records Office expands even more rapidly than the increase in enrollment, because students increasingly apply to several universities before deciding which one they will attend. Growth in enrollment has necessitated the conversion of the present tabulating equipment to IBM 1401 Electronic Data Processing equipment, which will involve a substantial increase in rental but will permit more rapid processing of business data and student records.

Deans and directors requested the sum of \$967,956 a year or \$1,935,912 for the biennium for nonteaching staff, expense, and equipment. The Budget Committee reduced these requests by more than 40 per cent to a total of \$1,100,000.

VI. To Provide for Increased Enrollment in 1962-63 over the 1961-62 Level

A. Teaching Staff.....\$550 000

The enrollment in the second year of the biennium is not estimated to increase as much as in the first year; however, approximately 800 additional students are expected. It is estimated that 67 additional staff members will be needed during the academic year 1962-63 and 32 additional staff members during the summer session of 1963. The amount recommended is slightly greater than that requested by the deans and directors, mainly due to shifts to the second year of the biennium of positions requested by deans and directors for the first year of the biennium.

B. Nonteaching Staff, Expense, and Equipment.....\$300 000

For the reasons stated above, additional funds are needed for nonteaching staff and supplies in connection with increased enrollment. The total of \$300,000 recommended represents a reduction of about 22 per cent from the total requested by deans and directors.

VII. To Meet Increased Costs of Operation

A. Operating Costs of New Buildings.....\$255 900

Although no new major buildings were provided from the state capital appropriations by the Seventieth General Assembly, funds were provided to supplement private gifts and grants from the federal government so that several small buildings are under construction during the present biennium: a laboratory building for research on insect-borne diseases, a zoonoses research building for the College of Veterinary Medicine, a building for the Institute of Labor and Industrial Relations, and some minor agricultural structures. These buildings will be put into use during the forthcoming biennium. Additional properties have been leased, and these will also require operating funds. Details of this item appear in Schedule B.

B. Increases to Maintain Present Level of Services

1. Increases in Expense and Equipment to Meet Accumulated

Deficiencies.....\$2 700 000

For the 1959-60 biennium, \$4,000,000 was requested to meet essential increases in expense and equipment budgets. The sum of \$2,750,000 which was provided by the General Assembly met the most urgent needs but still left a deficiency of \$1,250,000. In the meantime, prices of commodities and equipment have continued to rise, so that the total of \$4,277,264 requested by deans and directors for 1961-63 probably is well justified. Reluctantly, however, the Budget Committee recommended that this figure be lowered to \$2,700,000 in order to reduce the over-all biennial request.

A particularly acute problem exists in the Division of Services for Crippled Children, which is confronted with steadily increasing costs of hospital care, but has also had to assume the cost of treatment of poliomyelitis patients. Previously the local chapters of the National Foundation have been able to provide hospital care and therapy for children afflicted with polio; but as a result of reduction in contributions, the Foundation has not been able to provide for all the children needing care, and an increasing number of them have become the responsibility of the Division of Services for Crippled Children. The sum of \$200,000 is included in this item for hospital and medical care for polio patients.

2. Increases to Meet Accumulated Deficiencies in Auxiliary

Staff for Present Programs.....\$2 000 000

The deans and directors requested a biennial total of \$3,600,962 for supporting staff considered necessary to maintain satisfactory levels of teaching, research, and service conducted under existing programs. These requests consisted of several hundred items, each of them a relatively small amount but regarded as very important for the work of the individual department, teacher, or investigator. Frequently, it was stated that the request represented a deficiency of long standing, and many of the items had appeared repeatedly in earlier departmental budget requests.

The requests covered a wide range of technical and clerical personnel, as well as a substantial number of graduate assistantships. Administrative, counseling, and supervisory personnel were listed in the askings of several general administrative offices.

The Budget Committee recommends an appropriation of \$1,000,000 per year, or \$2,000,000 for the biennium. This is a sharp reduction from the total requested by the deans and directors, but it should meet the most urgent needs.

C. Requests to Continue on a Permanent Basis Expenditures Financed Temporarily from Savings and from Other Sources of Temporary Support.....\$600 000

An unexpected increase in enrollment made it necessary in September, 1960, to employ a substantial number of extra teachers on a temporary basis. These positions were financed from budget savings, mainly in the form of salary funds

for temporarily vacant positions. Section 1 in Schedule C shows that a total of \$188,250 would be required to establish the positions in question on a permanent basis.

Various other essential positions and services have been supported by University funds available for temporary or nonrecurring allocation. A selected list of such positions is presented in Section 2 of Schedule C, with the recommendation that the sum of \$33,850 be provided to establish these positions on a recurring basis.

Section 3 of Schedule C presents a similar list of positions now supported from contract or grant funds. The nine positions in this list are highly essential, and support for them should be provided in the regular budget. The total of the nine salary items is \$77,900.

VIII. *Other Improvements in the Academic Program*

A. Reduction of Teaching Overloads.....\$400 000

Certain departments are now carrying excessive teaching loads, partly because they have been unable to add staff so as to keep pace with enrollment increases. In certain cases, such as mathematics and modern languages, the load for teaching assistants has been chronically high. As a result, these departments now find it difficult to compete with other major universities, some of which offer both higher stipends and lighter teaching loads than the University of Illinois. The College of Dentistry also has a particularly unfavorable situation as regards the work load upon its instructional staff—a condition which has grown increasingly worse in recent years.

The Budget Committee strongly recommends an appropriation of some \$200,000 per year—\$400,000 for the biennium—to alleviate the more serious cases of excessive overload. This is about one third of the total requested by the deans and directors.

B. Improvements in the Educational Program.....\$1 000 000

The deans and directors requested a total of \$4,493,380 for many types of improvement in existing programs. Many of these requests represent long-standing needs; they were repeated here because relatively small amounts have been appropriated for this general purpose during the past ten years. The Budget Committee has reviewed these requests and recommends an appropriation of \$500,000 per year, or \$1,000,000 for the biennium. Although only about 20 per cent of the total requested by the deans and directors, this amount would meet some of the more urgent needs for expansion and improvement—especially in graduate programs, where enrollment increases and pressures to expand have been increasingly heavy in recent years.

C. New Programs\$500 000

A total of \$1,213,500 was requested for new programs by the deans and directors. Most of these projects would make highly desirable additions to the over-all educational program of the University. An example is the proposed establishment of a program in meteorology, beginning with appointments in the field of high-altitude physics. A professorship in applied mathematics is another highly important need. Beginning courses in Arabic would be instituted under another proposal, in support of an eventual program of Near Eastern studies. A position in support of a new curriculum in agricultural business and marketing in the College of Agriculture is another example.

A total of \$250,000 per year—or \$500,000 for the biennium—is requested for new programs—considerably less than half of the amount requested by the deans and directors.

D. A Special Twelve-Week Summer Session.....\$500 000

The Illinois Commission of Higher Education has asked the six state-supported universities to consider the feasibility of offering a full-scale educational program during the summer, in order to utilize classrooms and residential facilities more fully on a year-round basis. Proposals to accomplish this have been carefully studied, and a decision has been reached to organize an experimental summer session of twelve weeks during each of the next two summers if funds can be made available. Initially this program would be planned primarily for freshmen

and sophomores, although students in other classes would be admitted if the courses offered were suitable. This session would be independent of and in addition to the regular summer session of eight weeks, which will have to be continued in order to accommodate teachers in the public schools. (Many of the latter could not attend a twelve-week summer session because of the late closing date of their schools in June.)

It is difficult to estimate the probable attendance at the proposed summer session, but a tentative enrollment of 1,000 students will be assumed. On this basis it is estimated that the program could be conducted for a total of \$250,000 per summer or \$500,000 for the two summers of the biennium (1962 and 1963). The average cost per student represented by this figure is naturally much lower than the actual pro rata cost; but most of the indirect cost would be absorbed within the regular budget. Certain general administrative costs, including those for students' services and the Library, would not be increased proportionately insofar as these activities are budgeted on an annual basis.

E. Transfer Police Training Institute to a Separate Appropriation. —\$50 000

The Illinois Association of Police Chiefs has recommended an expansion of the existing Police Training Institute to a level of \$50,000 per year or \$100,000 for the biennium. The University has been asked to request funds for this project in a separate appropriation, and this will be done. As a result, the regular biennial budget for 1961-63 would be reduced in the amount of \$50,000. This is shown as a minus value in Schedule A.

Object Classifications

The State Finance Act requires that appropriation requests be submitted in terms of certain designated object classifications. These are shown in Schedule D.

A word should be added about the classification, "Contingencies." This does not represent funds for which the University has no known need. The present appropriations have been allocated to departments in a line-item internal budget in which all salaried positions are listed. All increases for the coming biennium are based upon specific requests from deans and directors, with adjustments by the University Budget Committee, as described above.

It is not always possible to expend a budget exactly as planned, particularly when requests must be made as much as three years in advance of some of the actual expenditures. Candidates can not always be found immediately to fill vacancies. Also a department might decide that it is more desirable to construct a piece of equipment than to purchase it. While the end result would be the same, "Personal Services" and "Commodities" would replace "Equipment" so far as the object classification of expenditures is concerned. Therefore, in order to provide reasonable flexibility, the Department of Finance permits setting up 5 per cent of the appropriation under "Contingencies," and this amount is later allocated to the other object classifications as the exact distribution becomes known.

Schedule B. Funds Requested for Operation of New Buildings, 1961-63

	<i>Annual Amount</i>
Arthropod-Borne Diseases Research Laboratory	
Liberal Arts and Sciences.....	\$ 15 000
Physical Plant.....	47 560
Zoonoses Research Laboratory	
Veterinary Medicine.....	12 000
Physical Plant.....	9 000
Labor and Industrial Relations Building	
Physical Plant.....	23 390
Moorman Research Facility	
Agriculture.....	10 350
Other Areas	
Physical Plant.....	10 700
<i>Total Annual Amount.....</i>	<i>\$128 000</i>
	<i>×2</i>
<i>Biennial Total.....</i>	<i>\$256 000</i>

	Annual Amount
1. Staff for Unexpected Increases in Enrollment in 1960-61.....	\$188 250
Chicago Undergraduate Division staff.....	\$ 45 225
Engineering — General Engineering — 1.5 assistants.....	6 000
Liberal Arts and Sciences.....	127 025
Botany..... 1.00 assistant	\$ 4 000
English..... 14.50 assistants	58 000
French..... 2.67 assistants	10 750
General Studies..... 2.00 assistants	8 000
Geography..... 0.50 assistant	2 000
Mathematics..... 1.00 assistant professor	7 000
2.50 instructors	13 500
4.00 assistants	16 000
Political Science..... 0.75 assistant	3 000
Russian..... 0.50 assistant	2 000
Speech..... 0.67 assistant	2 750
Physical Education assistants.....	10 000
2. Continuation of Essential Staff Positions Now Paid from Other University Funds.....	33 850
Agriculture — Glassblowing Laboratory — part of stipend of glassblower.....	\$ 5 000
Commerce — Business Education — half of associate professorship to match the half provided from a grant.....	4 000
Education — University High School mathematics project — part-time associate professorship.....	8 600
Graduate — Illinois Historical Survey — half-time clerk-typist now on Research Board funds.....	1 500
Law — part of assistant dean's salary provided from salary item of professor on first semester leave without pay.....	5 750
University Press — 2.5 nonacademic positions (editorial assistant and 1.5 clerk-typists) now paid temporarily from revolving, departmental expense, and general publications accounts.....	9 000
3. Continuation of Essential Staff Positions Now Paid from Grants or Contracts Which Will Not Be Available Next Biennium.....	77 900
Adjustments within the following items may be necessary if other grants and contracts are discontinued or if any of these items are renewed:	
Agriculture — Animal Science — transfer of 2.08 herdsmen from trust to state funds.....	\$ 10 525
Commerce — Bureau of Economic and Business Research — part-time professorship now paid by Ford Foundation....	10 425
Education — training of rehabilitation counselors — now paid by United States Office of Vocational Rehabilitation.....	8 500
Education — University High School mathematics project — part-time professorship now paid by Carnegie Corporation.....	2 000
Education — University High School — transfer of 1.5 assistants from grant to state funds.....	7 500
Engineering — Civil Engineering — positions now paid from government contracts.....	11 700
Engineering — Mining and Metallurgical Engineering — position now paid from government contracts.....	3 800
Graduate — Electron Microscope Laboratory — position now paid from National Science Foundation grant.....	9 600
Medicine — position now paid by United States Public Health Service and National Fund for Medical Education.....	13 850
Total Annual Amount.....	\$300 000
Biennial Total.....	\$600 000

Schedule D. Summary by Object Classification and Fund

<i>General Revenue</i>	<i>1959-61</i>	<i>Change Requested</i>	<i>1961-63</i>
Personal Services.....	\$ 87 471 300	\$26 925 900	\$114 397 200
Travel.....	500 000	50 000	550 000
Contractual Services.....	11 000 000	500 000	11 500 000
Commodities.....	3 900 000	900 000	4 800 000
Equipment.....	1 800 000	700 000	2 500 000
Retirement Contributions.....	4 238 700	884 100	5 122 800
Permanent Improvements.....	400 000	50 000	450 000
Artificial Appliances and Physical Examinations for Aided Persons....	250 000	25 000	275 000
Hospital and Medical Services.....	2 250 000	425 000	2 675 000
<i>Total, General Revenue.....</i>	<i>\$111 810 000</i>	<i>\$30 460 000</i>	<i>\$142 270 000</i>
<i>University Income</i>			
Personal Services.....	\$ 5 490 000	\$ 35 000	\$ 5 525 000
Travel.....	70 000	30 000	100 000
Contractual Services.....	1 000 000		1 000 000
Commodities.....	500 000	200 000	700 000
Equipment.....	600 000	100 000	700 000
Refunds.....	325 000	-25 000	300 000
Awards and Grants.....	550 000	50 000	600 000
Claims under Workmen's Compensa- tion Act.....	65 000	10 000	75 000
Contingencies.....	4 500 000	500 000	5 000 000
<i>Total, University Income.....</i>	<i>\$ 13 100 000</i>	<i>\$ 900 000</i>	<i>\$ 14 000 000</i>
<i>General Revenue and Income Fund Combined</i>			
Personal Services.....	\$ 92 961 300	\$26 960 900	\$119 922 200
Travel.....	570 000	80 000	650 000
Contractual Services.....	12 000 000	500 000	12 500 000
Commodities.....	4 400 000	1 100 000	5 500 000
Equipment.....	2 400 000	800 000	3 200 000
Retirement Contributions.....	4 238 700	884 100	5 122 800
Permanent Improvements.....	400 000	50 000	450 000
Artificial Appliances and Physical Examinations for Aided Persons....	250 000	25 000	275 000
Hospital and Medical Services.....	2 250 000	425 000	2 675 000
Refunds.....	325 000	-25 000	300 000
Awards and Grants.....	550 000	50 000	600 000
Claims under Workmen's Compensa- tion Act.....	65 000	10 000	75 000
Contingencies.....	4 500 000	500 000	5 000 000
<i>Total, General Revenue and Income Fund.....</i>	<i>\$124 910 000</i>	<i>\$31 360 000</i>	<i>\$156 270 000</i>

INSTITUTION FOR TUBERCULOSIS RESEARCH BIENNIAL
OPERATING BUDGET FOR 1961-63

(3) The Institution for Tuberculosis Research was created by the General Assembly for the "production, distribution, and application of the bacillus Calmett-Guerin (BCG), and other methods and materials for the prevention of tuberculosis and for conducting research in tuberculosis." The responsibility for the professional operation and all other management and control of the Institution is vested in the University.

The Director of the Institution and the Acting Vice-President in charge of the Chicago Professional Colleges recommend a budget amounting to \$173,000 for the 1961-63 biennium, an increase of \$30,700 for the biennium over the present appropriations.

The increase is requested for the following purposes:

Salary Adjustments Consistent with the Policy Adopted by the University..\$13 200
Increases in Expense and Equipment..... 8 000

To Improve the Educational Program (Staff for Research in Enzyme Systems and Viability).....	10 000
Reduction in Retirement System Contribution.....	-500
<i>Total</i>	<i>\$30 700</i>

I recommend that this budget be approved for filing with the Department of Finance and presentation to the Illinois Budgetary Commission.

On motion of Mr. Johnston, this budget was adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton, Mr. Wilkins.

BIENNIAL BUDGET FOR POLICE TRAINING INSTITUTE

(4) The Police Training Institute was established in 1955 as a result of a special biennial appropriation of \$30,000 made by the General Assembly. In 1957-59 and in 1959-61, the activities of this Institute have been included in the regular University appropriation, and at the present time approximately \$50,000 for the biennium is included in the University's budget.

The Illinois Association of Chiefs of Police has requested that the activities of the Police Training Institute be expanded in order to improve the basic standards and qualifications of police officers. In order to accomplish this expansion, the Association wishes to introduce a separate appropriation bill, which it will support before the Budgetary Commission and the General Assembly.

A biennial appropriation of \$100,000 is recommended as follows:

Personal Services	\$ 79 500
Contractual Services	3 500
Commodities.....	1 500
Travel.....	9 000
Equipment.....	1 500
Contingencies.....	5 000
<i>Total</i>	<i>\$100 000</i>

I have met with the Chairman of the Association of Chiefs of Police, who is also the Director of the Department of Public Safety, and I endorse their program of expansion and recommend concurrence in the proposal for a separate appropriation.

On motion of Mr. Harewood, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton, Mr. Wilkins.

APPOINTMENTS TO THE FACULTY

(5) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. ALFRED BROPHY, JR., Assistant Professor of Education, beginning February 1, 1961, at an annual salary of \$7,200 (D).
2. EDWARD CAVANAUGH, Assistant Professor of Chemistry and Director of Laboratories, beginning November 1, 1960, at an annual salary of \$11,300 (DY).
3. JAMES EAGELMAN, Assistant Professor of Veterinary Clinical Medicine, in the College of Veterinary Medicine, beginning January 1, 1961, at an annual salary of \$9,000 (DY).
4. ROBERT FANER, Visiting Professor of English, for the second semester of 1960-61, at a salary of \$7,000 (E).
5. WILSON GEE, Visiting Professor of Rural Sociology, in the Department of Agricultural Economics, for the second semester of 1960-61, at a salary of \$4,000 (E).
6. J. HAROLD HOPKINS, Physician to McKinley Hospital and the Health Center, and Assistant Professor of Hygiene, beginning November 1, 1960, at an annual salary of \$12,000 (BY).

7. ANDRÉ LICHNEROWICZ, George A. Miller Visiting Professor of Mathematics and of Astronomy, from February 9, 1961, through March 23, 1961, at a salary of \$4,000 (G).
8. WATARU MAYEDA, Associate Professor of Electrical Engineering, and Research Associate Professor in the Coordinated Science Laboratory, beginning September 1, 1960, at an annual salary of \$13,000 (DY).
9. JOSEPH MCGRATH, Research Assistant Professor of Psychology, beginning September 1, 1960, at an annual salary of \$9,200 (D28; DY71).
10. FUSACHIKA MIYATA, Visiting Research Associate Professor in the Coordinated Science Laboratory, from December 15, 1960, through March 15, 1961, at a salary of \$2,500 (G).
11. DALE STEFFENSEN, Associate Professor of Botany, beginning February 1, 1961, at an annual salary of \$11,500 (A).
12. EDWARD SWEETNAM, JR., Assistant Professor of Architecture, beginning September 1, 1960, at an annual salary of \$6,500 (D).

Appointments to Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointments to supervisory positions of upper level responsibility.

1. WILLIAM M. HENEERY, Electronics Engineer in the Department of Physics, beginning August 22, 1960, at an annual salary of \$6,600.
2. CARYOL M. LONGENECKER, Food Service Supervisor in the Residence Halls, beginning September 8, 1960, at an annual salary of \$4,050.
3. HAROLD G. POINDEXTER, Assistant Departmental Business Manager in the Department of Chemistry and Chemical Engineering, beginning August 24, 1960, at an annual salary of \$8,500.
4. ERNST R. PROEMMEL, Electronics Engineer in the Department of Chemistry and Chemical Engineering, beginning July 15, 1960, at an annual salary of \$6,600.
5. SAMMY J. REBECCA, Assistant Supervisor of Family Housing, beginning September 1, 1960, at an annual salary of \$6,300.
6. GLENN G. ROSEBROOK, Assistant Tabulating Machine Supervisor in the Statistical Service Unit, beginning August 23, 1960, at an annual salary of \$5,000.
7. ROBERT R. TUCKER, Placement Officer in the Office of Nonacademic Personnel, beginning September 1, 1960, at an annual salary of \$5,100.

On motion of Mr. Harewood, these appointments were confirmed.

ADVISORY COMMITTEE FOR THE COLLEGE OF VETERINARY MEDICINE

(6) The Dean of the College of Veterinary Medicine recommends the following appointments and reappointments to the Advisory Committee for the College of Veterinary Medicine for a period of three years beginning September 1, 1960.

Reappointments

- DR. CECIL A. KRAKOWER, Department of Pathology, College of Medicine, University of Illinois, Chicago
 R. V. MCKEE, Washburn
 STILLMAN J. STANARD, Director, Illinois State Department of Agriculture, Springfield

New Appointments

- DR. OLOF N. CHRISTENSEN, Wilmette
 DR. GEORGE F. FEHRENBACHER, Wyoming
 DR. WILLIAM G. RAUDABAUGH, Piper City
 I concur.

On motion of Mrs. Watkins, these appointments were approved.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(7) The Committee on Nonrecurring Appropriations recommends assignments of funds from the General Reserve as follows:

- | | |
|--|----------|
| 1. Departments of Plant Pathology and Forestry, equipment..... | \$ 3 000 |
| 2. Dixon Springs Experiment Station, truck..... | 1 600 |
| 3. Department of Electrical Engineering, analog computer facility..... | 25 000 |

4. Department of Civil Engineering, equipment.....	17 515
5. School of Music, practice organs.....	18 000
6. Radiocarbon Laboratory, air conditioning.....	4 730
7. Department of Geology, equipment.....	9 850
8. Department of Chemistry and Chemical Engineering, equipment.....	20 000
9. Department of Speech and Theatre, equipment.....	7 475
10. Department of Sociology, equipment.....	2 100
11. Library, equipment.....	19 300
12. Physical Plant	
Removal of dead trees and relocation of trees from temporary housing area.....	19 800
Extension of water main to new site for Physical Plant nursery.....	5 000
Improving acoustics and lighting in classrooms.....	30 000
13. McKinley Hospital, renovation of kitchen and dietary areas.....	45 819
14. Chicago Professional Colleges	
Departments of Medicine and Ophthalmology, equipment.....	14 700
Research and Educational Hospitals, automatic X-ray film processing unit.....	19 000
Total.....	\$262 889
I concur.	

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton, Mr. Wilkins.

CONTRACTS FOR CONSTRUCTION OF ADDITION TO ILLINI UNION BUILDING

(8) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts to the following lowest bidders for the construction of the addition to the Illini Union Building:

General—Felmley-Dickerson Company, Urbana.....	\$2 892 000
Base bid	\$2 855 000
Additive alternate for administration and supervision of work of other contractors.....	37 000
Plumbing—William Adams Engineers, Inc., Chicago.....	346 105
Heating—Bellis and Miller, Inc., Champaign.....	798 777
Ventilating—R. H. Bishop Company, Champaign.....	334 396
Electrical—Leiter Electric Company, Peoria.....	389 974

It is further recommended that the contracts with the four lowest bidders for mechanical work: William Adams Engineers, Inc., Bellis and Miller, Inc., R. H. Bishop Company, and Leiter Electric Company be assigned to the Felmley-Dickerson Company, the general contractor.

Funds for this construction will be available from the proceeds of "The Board of Trustees of the University of Illinois Illini Union and Health Center Bonds, Series A and B of 1960" on which bids are being taken today. The Vice-President and Comptroller recommends that sufficient funds be advanced from Illini Union and Housing Division reserves for any payments which may become due under these contracts prior to the delivery of the bonds to purchasers.

Submitted herewith is a supporting memorandum, from the Physical Plant Department, including a list of all bids received, and a copy is being filed with the Secretary of the Board for record.

I concur in these recommendations, subject to the availability of funds to be secured through a revenue bond issue for this project.

On motion of Mr. Johnston, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton, Mr. Wilkins.

CONTRACTS FOR CONSTRUCTION OF HEALTH SERVICE ADDITION TO MCKINLEY HOSPITAL

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts to the following lowest bidders for the construction of the Health Service addition to McKinley Hospital:

General — Snyder Construction Co., Inc., Vincennes, Indiana.....	\$468 600
Base bid	\$461 500
Additive alternates	
Installation of pneumatic tube dispatch system within the addition.....	11 700
Installation of connecting pneumatic tube dispatch system line from the addition to the hospital.....	4 400
Less deductive alternate	
Credit for substitution of haydite block for common brick back on interior of exterior walls, damp proofing coat to be applied to haydite block interior surfacing prior to plastering.....	—9 000
Electrical — Art-o-Lite Company, Inc., Galesburg.....	60 000
Plumbing — Reliable Plumbing and Heating Company, Champaign.....	73 099
Heating — George S. Walker Plumbing and Heating, Inc., Decatur.....	107 750
Ventilating — Montefusco Heating and Sheet Metal Company, Peoria....	52 334

Funds for this construction will be available from the proceeds of "The Board of Trustees of the University of Illinois Illini Union and Health Center Bonds, Series A and B of 1960" on which bids are being taken today. The Vice-President and Comptroller recommends that sufficient funds be advanced from Illini Union and Housing Division reserves for any payments which may become due under these contracts prior to the delivery of the bonds to purchasers.

Submitted herewith is a supporting memorandum, from the Physical Plant Department, including a list of all bids received, and a copy is being filed with the Secretary of the Board for record.

I concur in these recommendations, subject to the availability of funds to be secured through a revenue bond issue for this project.

On motion of Mr. Hughes, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton, Mr. Wilkins.

CONTRACTS FOR CONSTRUCTION OF LABOR AND INDUSTRIAL RELATIONS BUILDING

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts to the lowest bidders as follows for the construction of the Institute of Labor and Industrial Relations Building on the site, previously approved by the Board of Trustees, at the northeast corner of Armory Avenue and Fifth Street, Champaign, subject to the conditions stated below.

General — English Brothers Company, Champaign.....	\$297 400
Electrical — Leiter Electric Company, Peoria.....	44 489
Plumbing — Reliable Plumbing and Heating Company, Champaign	
Base bid	\$ 25 699
Less deductive alternate.....	— 240
Net contract	25 459
Heating, Refrigeration, and Temperature Controls — Reliable Plumbing and Heating Company, Champaign	
Base bid	\$ 90 360
Less deductive alternate.....	—32 710
Net contract	57 650

Ventilating—Montefusco Heating and Sheet Metal Company, Peoria

Base bid \$ 42 228

Less deductive alternate..... — 1 263

Net contract \$40 965

The deductive alternates, totaling \$34,213, will defer completion of air-conditioning installations in the building by omitting the items of cooling equipment and related work.

Water Main Extension—Cross Construction, Inc., Urbana..... \$11 346

Extension of Steam Service Lines—Robert Gordon, Inc., Chicago..... 16 768

Extension of Electric Service—Square Deal Electrical Contracting, Inc., LaPorte, Indiana 33 156

Elevator—Due to insufficient funds, it is recommended that the complete elevator installation be omitted at this time and that all three bids received on this phase of the work be rejected.

To keep the construction costs within the limits of funds available, it is recommended that the following installations and work also be deferred or omitted:

Installation of blinds on the north and south sides of the building;

Installation of library stacks and cubicles and the purchase of all movable equipment;

Reduction of landscaping to a minimum, perhaps to construction of lawns only;

Interior painting and installation of asphalt tile floor surfacing, total \$10,000; to be covered by a deductive change order issued concurrently with the execution of the general contract.

Submitted herewith are three supporting memoranda from the Physical Plant Department, including lists of bids received on the several phases of the work, and copies are being filed with the Secretary of the Board for record.

The awards of the contracts and change orders are recommended, subject to availability of funds from the following sources:

State capital appropriations for 1959-61 for matching funds.....\$350 000

State capital appropriations for utilities extensions..... 80 000

Gifts from labor and industrial organizations, approximately..... 157 000

Total.....\$587 000

I concur in these recommendations.

On motion of Mr. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton, Mr. Wilkins.

At this point Mr. Johnston left the meeting.

CONTRACT FOR CAMPUS BUS SERVICE

(11) In the development of long-range campus plans for the Urbana-Champaign campus, it has become evident that a system of public transportation service will be essential if the projected campus population for 1969, an enrollment of over 30,000 students, is to be handled satisfactorily.

Recently, representatives (students) of the Men's Residence Halls called on officials of the Champaign-Urbana City Lines, Inc., to inquire about the possibility of inaugurating a campus bus service, and the company expressed an interest in establishing a special campus route.

In view of student interest, the unexpected increase in student enrollment this fall, and the eventual need of a public transportation service, discussions were initiated by University officials with the Champaign-Urbana City Lines, Inc., to determine the basis on which a campus bus service could be established. The company offered to provide the service for an experimental period on a contract basis with the University.

On recommendation of the Director of Housing, the Director of the Physical Plant, and the Vice-President and Comptroller, and with the concurrence of the President of the University, the Executive Committee of the Board has author-

ized a contract with Champaign-Urbana City Lines, Inc. for a trial period of one month with service to students and staff provided as follows:

Along a route with one starting point on Gregory Drive adjacent to the Men's Residence Halls area on Peabody and Gregory Drives, east on Gregory Drive to Sixth Street, north on Sixth Street to Armory Avenue, east on Armory Avenue to Wright Street, north on Wright Street to Green Street, east on Green Street through the campus to Goodwin Avenue, south on Goodwin Avenue to Nevada Street, and thence through the campus to Pennsylvania Avenue, east on Pennsylvania Avenue to Lincoln Avenue, north on Lincoln Avenue to Nevada Street, west on Nevada Street to Goodwin Avenue, north on Goodwin Avenue to Green Street, and return to the starting point; buses on this route to run both ways; the route subject to change to accommodate traffic demands.

Travel time from one end to the other to be approximately ten minutes.

Service to be between the hours of 7:15 a.m. and 5:15 p.m. Monday through Friday.

A maximum waiting period between buses of seven to eight minutes.

Clearly identified stops at intervals of about one block.

Buses will be specifically assigned for this service and will be so designated.

Fare to be five cents per ride; however, this will not include transfer privileges between the special bus service and the regular intercity bus service.

The estimated cost of this service for one month is \$6,500. Response from students indicates that revenue will equal the cost but the University must make up any deficiency to the extent of \$5,750.

It was the judgment of the Executive Committee that the University should accept the responsibility of any deficiency in operations for service to students and staff during the trial period.

The Executive Committee reports its action for record.

On motion of Mr. Harewood, the action of the Executive Committee was confirmed.

CONTRACT FOR ENGINEERING SERVICES FOR ELECTRICAL ENGINEERING ANNEX

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of engineering services for the preparation of drawings and specifications for heating, air conditioning, plumbing, and electrical work in the remodeling of the north end of the Electrical Engineering Annex, under a standing contract with Brown, Manthei, Davis, and Mullins, Consulting Engineers, Champaign, approved by the Board of Trustees on June 23, 1959. The estimated cost of this work is \$6,000.

I concur.

On motion of Mr. Hughes, this recommendation was approved.

CONTRACT FOR RELOCATION OF TELEPHONE CABLE FACILITIES

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of an agreement with the Illinois Bell Telephone Company to trench, remove, and restore the underground telephone cable facilities located on the site of the Illini Union Building addition. This cable is owned by the Company, but the University must pay the usual charges which in this case are estimated at \$4,500.

I concur.

On motion of Mr. Clement, this agreement was authorized.

SALE OF SECURITIES FROM TRUST FUNDS INVESTMENTS

Mr. Swain, for the Finance Committee, offered the following resolution:

WHEREAS, The Board of Trustees of the University of Illinois is the owner of the following shares of stock: 125 National Aviation, 400 Investors Mutual, and

WHEREAS, the Finance Committee of said Board has determined that it is advantageous to sell the above listed securities,

Now, Therefore, Be It Resolved by The Board of Trustees of the University of Illinois that these securities be sold and that H. O. Farber, Comptroller, and A. J. Janata, Secretary, be authorized to execute all documents necessary to complete such sale.

This resolution was adopted.

PURCHASES

(14) The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

Item	Department	Vendor	Cost
One spectrophotometer and accessories	Anatomy	Scientific Products, Evanston	\$3 150 00 delivered
One blood cell counter less trade-in allowance for one used photometer	Biochemistry	Scientific Products Division, American Hospital Supply Corp., Evanston	4 185 00 delivered
Stainless steel equipment for the Medical Research Laboratory consisting of: 84 animal cages 84 feeder boxes 56 pans 7 racks	Medical Research Laboratory	Animal Cage Specialties Co., Oak Park	11 436 00 delivered
One oxygen analyzer with strip chart recorder	Physiology	Beckman Instruments, Lincolnwood	2 699 00 delivered
One infrared analyzer with accessories	Physiology	Beckman Instruments, Lincolnwood	2 829 00 f.o.b.
One two-strip chart recorder			Fullerton, Calif.
One multigraph model No. 650 Accra feed collator	Stenographic Service	Addressograph-Multigraph Corp., Chicago	5 806 55 delivered
36,000 Kraft paper rubbish bags	Physical Plant	J. Chuckerman & Sons, Chicago	4 604 01 delivered

Urbana-Champaign Departments

One centrifuge, refrigerated, high speed, with one eight place (50 ml.) head, with accessories, 208 volt, 60 cycle	Botany	Loures Instrument Corp., Brooklyn, N.Y.	2 500 40 f.o.b. delivered
One automatic liquid scintillation counter, 100 sample capacity, two scalars for double counting, transistorized, complete with standard accessories	Chemistry and Chemical Engineering	Packard Instrument Co., Inc., LaGrange	12 530 00 f.o.b. delivered
One electrophoresis apparatus, continuous flow, with power supply and automatic fraction collector	Chemistry and Chemical Engineering	E. H. Sargent & Co., Chicago	2 620 00 f.o.b. delivered
One high voltage power supply 10 kv., 500 Ma., reverse polarity	Coordinated Science Laboratory	Kilovolt Corp., Yonkers, N.Y.	2 784 00 f.o.b. delivered
One high speed direct writing oscillograph, six channels expandable to eight, ink curvilinear recording units, input sensitivity of 10 microvolts/centimeter	Dairy Science	Offner Electronics, c/o Pivan Engineering Co., Indianapolis, Ind.	6 735 80 f.o.b. delivered
1,000 No. B-2003 component terminal strips	Digital Computer Laboratory	The Delbert Blinn Co., Pomona, Calif.	8 424 00 f.o.b. delivered
1,000 No. A-2005 heatsinks			
4,000 nylon standoffs			
5,000 germanium mesa transistors	Digital Computer Laboratory	Western Electric Co., Inc., New York, N.Y.	68 000 00 f.o.b. Laureldale, Pa.
Consulting engineering services in connection with the mechanical aspects of the new digital computer	Digital Computer Laboratory	Barnes & Reinecke, Inc., Chicago	9 750 00 maximum cost
One four-channel tape recorder with hysteretic synchronous motors, four track in line clevis laminated heads for 1/4 in. tape, three separate heads for erase, record, and play, and four separate record-play preamplifiers	Electrical Engineering	Crown International, Elkhart, Ind.	2 985 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Fabrication from drawings and specifications of 12 in. turntable for a Varian electromagnet	Electrical Engineering	Burns Machine Co., Ottawa	\$ 3 397 50 f.o.b. delivered
X-ray diffractometer equipment consisting of: One constant potential d.c. X-ray generator with 5 kva magnetic stabilizer with horizontal tube stand and warning light system One horizontal diffractometer One adjustment for diffractometer One electronic circuit panel One X-ray diffraction tube with oil shields and cooling sockets One scintillation counter One pole figure goniometer	Mining and Metallurgical Engineering	Radio Corporation of America, Chicago	20 002 00 f.o.b. delivered
One multi-channel analyzer 256 One readout typewriter One oscilloscope One dual buffer storage unit	Physics	Nuclear Data, Inc., Madison, Wis.	16 223 00 f.o.b. delivered
One 512 channel transistorized scaler-analyzer without probe One accessory cabinet	Physics	Radiation Counter Laboratories, Inc., Skokie	14 670 00 f.o.b. delivered
One high vacuum pumping system, 4 in. size, portable with diffusion pump, cold trap baffle, mechanical pump, valves, support frame, gauges and controls	Physics	NRC Equipment Corp., Newton Highlands, Mass.	3 292 10 f.o.b. Newton, Mass.
One milling machine, 9 in. x 42 in., complete with dividing head, motor, controls, and accessories	Physiology	Don G. Beck, Chicago	2 832 75 f.o.b. delivered
One 14½ in. toolroom lathe complete with motor, controls, and accessories	Physiology	Miller Industrial Supply Co., Decatur	3 479 20 f.o.b. delivered
Print and bind 30,000 Time Tables, second semester of 1960-61, approximately 256 pages per copy	University Press	The Interstate Printers & Publishers, Inc., Danville	6 116 50 f.o.b. delivered
111 lamps for lounge areas in three new Men's Residence Halls (SM-3)	Housing Division	Rochelle's, Inc., Chicago	3 047 26 f.o.b. Urbana
1,000 reams 8½ x 11 24 lb. white No. 1 sulphite mimeograph bond 2,000 reams 8½ x 11 20 lb. canary bond No. 1 sulphite	Office Supply Store	Graham Paper Co., St. Louis, Mo.	3 460 00 f.o.b. delivered
240 reams 22½ x 35 58 lb. colored offset paper 20 reams 25 x 38 70 lb. colored offset paper	Office Supply Store	Marquette Paper Corp., Chicago	2 967 44 f.o.b. delivered
555 steel office chairs, naugahyde plastic upholstery, for stock to be distributed to various University departments, assorted styles as follows: 150 swivel arm chairs 30 swivel chairs, no arms 75 side arm chairs 150 side chairs, no arms 150 stenographers' posture chairs	Office Supply Store	Milwaukee Metal Furniture Co., Chicago	13 131 11 f.o.b. delivered
White sulphite offset paper as follows: 60 reams 22½ x 35 41½ lb. 120 reams 22½ x 35 49½ lb. 100 reams 22½ x 35 58 lb. 14,500 reams 8½ x 11 50 lb. (estimated nine months supply for Urbana and Chicago)	Office Supply Store	J. W. Butler Paper Co., Chicago	13 663 12 f.o.b. delivered
240,000 gallons (approximately) aviation turbine fuel, kerosene Type A, to be delivered as required during period November 17, 1960, to June 30, 1961	Institute of Aviation	Standard Oil Co., (Indiana), St. Louis, Mo.	25 613 28 f.o.b. delivered
Lumber as required for period of January 1, 1961, through June 30, 1961: 8,500 board feet 1 in. No. 3 spruce 30,000 board feet 2 in. construction fir 3,000 board feet 4 in. construction fir 5,850 board feet "C" select ponderosa or sugar pine 2,857 board feet T & G grade B and better edge grain clear fir flooring	Physical Plant	Hillcrest Lumber Co., Champaign	8 527 75 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One liquid nitrogen storage container, 1300 liter minimum capacity	Physical Plant	Hofman Laboratories, Inc., Hillside, N.J.	\$6 585 00 f.o.b. delivered
Three four-door sedans (standard)	Physical Plant	University Ford Sales,	
One station wagon	Extension	Champaign	
One compact pickup truck	Service in	Five sedans	5 293 00
One carryall	Agriculture	One van truck	3 400 00
Two four-door sedans (with power brakes and power steering)	and Home	Sullivan Chevrolet Co.,	
Two pickup trucks (cab and chassis only)	Economics	Champaign	
One van truck		One station wagon	1 353 49
These vehicles are replacements except the compact pickup truck which is an addition to the University fleet.		Courtesy Motor Sales, Inc., Chicago (Ford)	
		One compact pickup	1 525 00
		Two pickup cabs and chassis	3 032 00
		Dillavou Truck Sales, Champaign (Chevrolet)	
		One carryall	1 500 00 (16 103 49)
One spectrophotometer, recording, wavelength of 1860 angstroms through 2.65 microns, wavelength reproducibility better than 0.5A, revolving power of 1A in UV range and 3A in near infrared	Chemistry and Chemical Engineering	Applied Physics Corp., Chicago	15 555 00 delivered
Approximately 2,700 liters liquid hydrogen to be delivered as needed (in three shipments of approximately 900 liters each) during the period December 1, 1960, through June 30, 1961	Physics	Linde Co., Division of Union Carbide Corp., Chicago	10 125 00 f.o.b. delivered
200 steel desks, 25 steel tables, 240 steel filing cabinets in the base bid for delivery in January and March, 1961, with the option to purchase an additional quantity (approximately one-half the quantity in the base bid) for delivery in June, 1961	Office Supply Store	All-Steel Equipment, Inc., Aurora	31 372 74 f.o.b. delivered
Approximately 1,360 sheets miscellaneous plywood as required for period of January 1, 1961, through June 30, 1961	Physical Plant	Kochton Plywood & Vencer Co., Inc., Decatur	6 092 36 f.o.b. delivered

On motion of Mr. Pogue, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(15) The Comptroller's report of contracts executed during the period October 1 to 31, 1960.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Air Force AF-33(616)-7600	Inelastic straining	\$22 409 00	August 24, 1960
United States Air Force AF-40(600)-909	Determining pressure in an ultra-high vacuum chamber	24 180 00	October 1, 1960
United States Air Force AF-41(657)-359	Cardiovascular effects of refeeding stress following starvation	17 017 00	August 1, 1960
United States Army DA-CML-18-108- 61-G-4	Mechanism of action of synergists for insecticides and other toxicants	15 834 00	August 25, 1960
United States Navy Nont-1834(34)	Luminescence of marine organisms	31 000 00	September 1, 1960
United States Navy Nont-1834(35)	Geography of the coastal zone of northern Tanganyika	24 568 00	August 15, 1960
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Audio-Video- Magnetics, Inc.	Rental of television equipment	\$ 800 00 per month from September 26 to December 26, 1960	September 26, 1960
Chicago Park District	Use of James H. Gateley Park on September 24 and October 1, 1960, for football games	100 00	April 11, 1960
Forest Service, U.S.D.A.	Cooperative collection of data on raindrop size at the Coweeta Hydrologic Laboratory	2 000 00	September 6, 1960

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
D X Saray Oil Co.	Lease of property at the southwest corner of University Avenue and Wright Street, Champaign, Illinois	\$ 175 00 per month, January 1, 1961, to January 1, 1966	September 9, 1960
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
1435 North Astor Building	Rental of garage space for University car assigned to the Executive Dean at the Chicago Undergraduate Division	\$ 30 00 per month from July 1, 1960, to June 30, 1961	July 1, 1960
University of Illinois Foundation	Lease of Troutman tract of land located in Champaign County, Illinois	3 200 00 annually	February 29, 1960

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Research Council on Riveted and Bolted Structural Joints	Fatigue tests on cumulative damage of structural joints	\$20 000 00	October 19, 1960
Tennessee Valley Authority	Effects of credit on fertilizer purchases by farmers in Illinois	4 000 00	October 13, 1960
Texaco, Inc.	Methods and machines for more efficient application of anhydrous ammonia, aqua ammonia, and slurries of dry and liquid nutrients	3 500 00	August 23, 1960
United States Air Force AF-41(657)-279	Relationship of Air Force tests to technical high school performance	10 373 00	August 11, 1960
United States Air Force AF-49(638)-63	Transistor — RC network synthesis	24 000 00	August 15, 1960
United States Army DA-11-177-AV-582	Pilot training	4 006 00	August 31, 1960
United States Army DA-18-064-404-CML-426	Synthesis of fluorine compounds	4 000 00	September 28, 1960
United States Army DA-49-007-MD-544	Nutritive value of major nutrients of irradiated food	30 410 00	October 7, 1960
United States Army DA-49-193-MD-2060	Interpersonal and psychological adjustment of group members	21 242 00	August 31, 1960
United States Atomic Energy Commission AT(11-1)-276	Properties and behavior of aerosol particles and systems	14 810 00	October 6, 1960
United States Atomic Energy Commission AT(11-1)-314	Synthesis of boron-containing dyes suitable for use in in vivo experiments on mice with glioblastoma tumors	19 000 00	September 22, 1960
United States Navy Nonr-1834(22)	Study to evaluate the suitability of the proposed site to be used for research in radio astronomy	85 000 00	July 31, 1960
United States Navy Nonr-1834(32)	Structure of turbulent velocity and pressure fluctuations in the boundary layer	10 000 00	September 23, 1960
United States Navy Nobs-72069	Pressure vessel design having particular reference to the reinforcement of openings in shells and plates	30 000 00	September 2, 1960

Adjustments Made in 1960-61 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Twenty-six items: \$2,060.79 deduct to \$1,400.00	\$ 265 07	October, 1960

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(16) The Comptroller presented his quarterly report to the Board as of September 30, 1960.

This report was received for record and a copy has been filed with the Secretary of the Board.

CHANGE IN CONTRACT FOR POWER PLANT EQUIPMENT

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$12,860 in a contract with the General Electric Company for the turbine generator unit and exciter and electrical equipment for the addition to the Abbott Power Plant (Boiler No. 6, Unit No. 7). This change will omit one of three 4160 volt motor starters and will add two 13.8 kv. switchgear units for the auxiliary transformers and also one swinging panel for synchronizing equipment. The change is recommended by Sargent and Lundy, Chicago, consulting engineers for the Power Plant addition, and by the Physical Plant to insure greater reliability, flexibility, and centralized metering of the generator electric load.

I concur.

On motion of Mrs. Watkins, this change in the contract was authorized.

PURCHASE OF PROPERTY ON HEALEY STREET IN CHAMPAIGN

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of two vacant lots at 607 and 609 East Healey Street, Champaign, as a site for a building for the Department of Electrical Engineering gaseous electronics research program, at a price of \$4 per square foot with a minimum price of \$40,000, based on an estimate of approximately 10,000 square feet. The lots are irregular in shape and the exact amount of land to be conveyed can be determined only after the property has been surveyed.¹ The area is zoned for business and the price is reasonable compared with other purchases by the University in business-zoned areas, and is consistent with appraisals secured by the University.

I recommend authorization of this purchase, subject to the release of funds from the state capital appropriation for 1959-61 for land acquisitions.

On motion of Mr. Swain, the purchase of this property, subject to availability of funds, was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Johnston, Mr. Stratton, Mr. Wilkins.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations and declinations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ANAST, BASIL P., Assistant Professor of Parasitology (Department of Medicine) (Medicine), 85/100 time, one year from September 1, 1960, \$6,250, supersedes (10-26-60).

ASCH, WALTER B., Instructor in Social Sciences (Chicago Undergraduate Division), $\frac{3}{4}$ time for the first semester, \$319.50 a month, and $\frac{1}{2}$ time for the second semester, \$191.67 a month, to render service during the academic year, September 1, 1960-August 31, 1961, supersedes (10-26-60).

BAEHR, RALPH H., Assistant in Radiology (Medicine), one year from September 1, 1960, without salary (10-11-60).

¹ The survey subsequently made indicated an area of 10,316 square feet and the purchase price was \$41,264. — Secretary's Note.

- BAKONY, HEDWIG C., Clinical Instructor in Psychiatry (Medicine), eleven months from October 1, 1960, without salary (10-4-60).
- BAKLEY, MRS. CLARA, Assistant in English, September 16, 1960-January 31, 1961, \$422.22 a month (10-29-60).
- BELFORD, MRS. GENEVA G., Research Assistant in Chemistry, September 16, 1960-August 31, 1961, \$6,400 a year (11-2-60).
- BERGER, LOIS J., Assistant in Biological Sciences (Chicago Undergraduate Division), nine months from September 16, 1960, \$4,300 (10-14-60).
- BERMAN, DAVID, Instructor in Applied Materia Medica and Therapeutics (Dentistry), one year from September 1, 1960, without salary (10-4-60).
- BLUM, ALAN F., Instructor in Sociology (Chicago Undergraduate Division), $\frac{1}{2}$ time, September 1, 1960-January 31, 1961, to render service during the first semester of the academic year, \$1,400 (11-2-60).
- BORNSTEIN, IRENE, Research Assistant in Biological Chemistry (Medicine), October 14, 1960-August 31, 1961, \$5,800 a year, supersedes (10-26-60).
- BRAUNFELD, PETER G., Instructor in Mathematics, $\frac{1}{4}$ time, and in the Coordinated Science Laboratory (College of Engineering), $\frac{3}{4}$ time, for the first semester of 1960-61; and in the Coordinated Science Laboratory (College of Engineering), full time, second semester of 1960-61, September 1, 1960-August 31, 1961, \$9,700, supersedes (10-6-60); and Research Assistant Professor in the Coordinated Science Laboratory (College of Engineering), February 15-August 31, 1961, \$10,000 a year, supersedes (10-25-60).
- BREEDIS, EDNA B., Research Assistant in Chemistry, October 16, 1960-August 31, 1961, \$4,650 a year (11-2-60).
- BROWN, RICHARD M., Research Professor of Physics and of Electrical Engineering, indefinite tenure, and in the Coordinated Science Laboratory, one year from September 1, 1960, \$18,200 a year, supersedes (10-27-60).
- BUCKLEY, DONALD W., Research Associate in Education (University High School), $\frac{3}{4}$ time, academic year beginning September 1, 1960, \$5,700 (10-20-60).
- BUSTARD, SARAH M. S., Assistant in Verbal Communication (Division of General Studies), September 16, 1960-January 31, 1961, \$422.22 a month, supersedes (10-11-60).
- CALAHAN, DONALD A., Assistant Professor of Electrical Engineering (C), September 1, 1960-February 28, 1961, to render service during the first semester of the academic year, at a monthly salary of \$564.81, supersedes (10-29-60).
- CARTER, JAMES A. U., Clinical Assistant in Medicine (Medicine), one year from September 1, 1960, without salary (10-4-60).
- CARTON, ROBERT W., Assistant Professor of Medicine (Medicine), ten months from November 1, 1960, \$10,500 a year, supersedes nonsalaried appointment (10-25-60).
- CASTEN, CHRIS P., Research Assistant in Oral Pathology (Dentistry), eleven months from October 1, 1960, \$4,650 a year (10-29-60).
- CHAMBERLAIN, MRS. ARTHA, Assistant in English, September 16, 1960-January 31, 1961, \$422.22 a month (10-26-60).
- CHATMAN, DONALD G., Research Assistant in Medicine (Medicine), nine months from October 1, 1960, \$5,250 a year (10-29-60).
- CLAY, WILLIAM, Clinical Assistant in Medicine (Medicine), one year from September 1, 1960, without salary (10-4-60).
- COOPER, DUANE H., Research Associate Professor of Physics and of Electrical Engineering, indefinite tenure, and in the Coordinated Science Laboratory, one year from September 1, 1960, \$15,500 a year, supersedes (10-27-60).
- CRANDALL, CORYL E., Assistant in English, September 16, 1960-January 31, 1961, \$422.22 a month, supersedes (10-14-60).
- CROPP, FREDERICK W., Assistant Professor of Geology, $\frac{1}{2}$ time, and Assistant Dean of the College of Liberal Arts and Sciences, $\frac{1}{2}$ time, to render service during the second semester of the academic year, March 1-August 31, 1961, \$3,800, supersedes (10-11-60).
- CROUSE, GEORGE T., Research Assistant in the Institution for Tuberculosis Research, September 26, 1960-August 31, 1961, \$6,000 a year (10-10-60).
- DE CHARMS, DESIRÉE, Music Library Assistant in the Library, with rank of Instructor, seven months from February 1, 1961, \$6,300 a year (10-25-60).
- DECKER, LOREN E., Administrative Officer in Air Force Science, $\frac{1}{10}$ time, one year from September 1, 1960, \$600 (10-25-60).

- DODD, LLOYD E., Instructor in English (Chicago Undergraduate Division), September 1, 1960-January 31, 1961, to render service during the first semester of the academic year, \$2,700 (10-14-60).
- EDMONDSON, HUGH A., JR., Clinical Assistant in Medicine (Medicine), eleven months from October 1, 1960, without salary (10-26-60).
- ELLIS, JACK A., Research Associate in the State Natural History Survey, ten months from November 1, 1960, \$5,880 a year, supersedes (10-26-60).
- ERLENBORN, JAMES W., Clinical Assistant in Medicine (Medicine), one year from September 1, 1960, without salary (10-4-60).
- FISCH, MAX H., Acting Chairman of the Department of Philosophy during the first semester of 1960-61, \$500 for this period; this is in addition to his present appointment (9-30-60).
- FLENNER, MRS. JACQUELINE W., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1960, \$4,000, supersedes (10-11-60).
- FOLLIS, STANLEY, Research Assistant in Education (University High School), six months from November 1, 1960, \$4,000; and Lecturer in Radio and Television (College of Journalism and Communications), five months from September 1, 1960, \$500 (11-1-60).
- FORDHAM, ERNEST W., Assistant in Radiology (Medicine), one year from September 1, 1960, without salary (10-11-60).
- FOX, SHERWIN A., Clinical Instructor in Ophthalmology (Medicine), one year from September 1, 1960, without salary (11-2-60).
- FRAUENFELDER, HANS, Professor of Physics (C), $\frac{1}{2}$ time, indefinite tenure, and Associate Director of the Coordinated Science Laboratory (C), $\frac{1}{2}$ time, to render service during the academic year, November 1, 1960-August 31, 1961, \$16,000 a year, supersedes (10-29-60).
- FREDRICKSON, L. THOMAS, Assistant Professor of Music, academic year beginning September 1, 1960, \$6,900, supersedes (10-11-60).
- FRIEND, MRS. BEVERLY, Instructor in English (Chicago Undergraduate Division), $\frac{1}{2}$ time, five months from September 1, 1960, to render service during the first semester of the academic year, \$1,150 (10-14-60).
- GAULT, IRVING G., Clinical Instructor in Prosthodontics (Dentistry) and Prosthodontist to the Cleft Palate Training Program (Division of Services for Crippled Children), one year from September 1, 1960, without salary (10-4-60).
- GILLETTE, HOWARD E., Clinical Instructor in Oral and Maxillofacial Surgery (Dentistry) and in Surgery (Medicine), one year from September 1, 1960, without salary (10-4-60).
- GOVINDJEE, MRS. RAJNI, Research Assistant in Botany, nine months from September 1, 1960, \$3,800, supersedes (10-26-60).
- GRIDLEY, MARILYN, Research Assistant in the Illinois Historical Survey, nine months from September 16, 1960, \$3,800 (10-26-60).
- GRUPE, HAROLD E., JR., Research Assistant in Oral Pathology (Dentistry), October 15, 1960-August 31, 1961, \$6,000 a year, supersedes (10-29-60).
- HEMBROUGH, FREDERICK B., Instructor in Veterinary Physiology and Pharmacology (Veterinary Medicine), $\frac{3}{4}$ time, one year from September 1, 1960, \$4,600 (10-26-60).
- HESS, ALEXANDER S., Assistant in Psychology (Department of Psychiatry) (Medicine), one year from September 1, 1960, without salary (10-4-60).
- HIBBS, GEORGE G., Instructor in Radiology (Medicine), one year from September 1, 1960, without salary (10-11-60).
- HOOKE, JANET M., Instructor in Economics, to render service during the first semester of the academic year, September 1, 1960-February 28, 1961, \$3,100 (10-10-60).
- HUBER, EDWARD A., Assistant Professor of Electrical Engineering and Research Assistant Professor in the Coordinated Science Laboratory (C), academic year beginning September 1, 1960, \$7,500, supersedes (10-11-60).
- HUTSON, RICHARD E., Assistant in English, September 16, 1960-January 31, 1961, \$444.44 a month, supersedes (10-11-60).
- Ito, RIKUMA, Assistant in Economics, $\frac{1}{4}$ time, nine months from September 16, 1960, \$950; and Research Assistant in the Bureau of Economic and Business Research, $\frac{3}{4}$ time (on "Y" basis), September 15, 1960-August 31, 1961, \$3,581 a year, supersedes (10-14-60).

- JACOBSON, MARVIN, Research Associate in Applied Materia Medica and Therapeutics (Dentistry), one year from September 1, 1960, without salary (10-26-60).
- JEFFAY, ANA I., Research Associate in Applied Materia Medica and Therapeutics (Dentistry), $\frac{1}{2}$ time, eleven months from October 1, 1960, \$2,860 a year (10-25-60).
- JERAS, VIVIAN K., Apprentice Pharmacist in Hospital Pharmacy (Pharmacy), October 2, 1960-August 31, 1961, \$4,800 a year (10-10-60).
- JOHNSON, OLAF K., Clinical Instructor in Oral and Maxillofacial Surgery (Dentistry) and in Surgery (Medicine), one year from September 1, 1960, without salary (10-4-60).
- JONES, ROBERT E., Consultant in Psychology, with rank of Associate Professor, one year from September 1, 1960, without salary (10-29-60).
- KAMP, INEZ N., Research Associate in Plant Pathology (S), $\frac{1}{2}$ time, eleven months from October 1, 1960, \$2,750 a year (10-31-60).
- KESSNER, DAVID M., Clinical Assistant in Preventive Medicine (Medicine), one year from September 1, 1960, without salary (10-11-60).
- KOCH, ANITA, Assistant in Nursing, September 26, 1960-June 9, 1961, \$422.22 a month (10-26-60).
- KOLB, MRS. DOROTHY D., Assistant in English, September 16, 1960-January 31, 1961, \$422.22 a month (10-26-60).
- KRESNOFF, CHARLES S., Instructor in Radiology (Dentistry), $\frac{1}{3}$ time, one year from September 1, 1960, \$1,500 (10-10-60).
- KRISTY, WILLIAM J., Clinical Assistant in Medicine (Medicine), one year from September 1, 1960, without salary (10-4-60).
- KUNDRAT, THEODORE, Instructor in Speech (Chicago Undergraduate Division), full time, six months from September 1, 1960, \$483.33 a month, and $\frac{1}{2}$ time, six months from March 1, 1961, \$241.67 a month, to render service during the academic year, supersedes (10-14-60).
- KURZ, DONALD A., Instructor in General Engineering (Chicago Undergraduate Division), academic year beginning September 1, 1960, \$5,600 (10-29-60).
- LAForge, GENE R., Research Assistant Professor of Psychology, academic year beginning September 1, 1960, \$7,775, supersedes (10-31-60).
- LECKEL, JOHN L., JR., Assistant in English, $\frac{2}{3}$ time, and in Verbal Communication (Division of General Studies), $\frac{1}{3}$ time, nine months from September 16, 1960, \$3,801 (10-14-60).
- LENER, RICHARD H., Instructor in English (Chicago Undergraduate Division), to render service during the first semester of the academic year, September 1, 1960-January 31, 1961, \$470 a month (10-29-60).
- LIEPINS, KURT, Research Assistant in Clinical Science (Medicine), one year from September 1, 1960, without salary (10-11-60).
- LOUCH, JUNE D., Research Assistant in Biological Chemistry (Medicine), September 15, 1960-August 31, 1961, \$7,000 a year (10-10-60).
- LYNN, PATRICIA M., Assistant in Physical Education for Women (Chicago Undergraduate Division), nine months from September 16, 1960, \$4,500 (10-26-60).
- MANSOUR, CHAFICK N., Clinical Instructor in Surgery (Medicine), ten months from November 1, 1960, without salary (10-29-60).
- MANWELL, CLYDE, Assistant Professor of Physiology, academic year beginning September 1, 1960, \$8,250, supersedes (10-26-60).
- MARTIN, GORDON E., Assistant Professor of General Engineering (C), academic year beginning September 1, 1960, \$7,500, supersedes (10-10-60).
- MAYEDA, WATARU, Associate Professor and Research Associate Professor of Electrical Engineering and in the Coordinated Science Laboratory (C), one year from September 1, 1960, \$13,000 a year (10-15-60).
- MCANDREW, JOSEPH R., Clinical Instructor in Surgery (Medicine), one year from September 1, 1960, without salary (10-11-60).
- MCCORMICK, BRUCE H., Research Associate Professor of Physics (C) and in the Digital Computer Laboratory, indefinite tenure from September 1, 1960, to render service during each academic year, \$10,000 a year, supersedes (10-11-60).
- McKINNON, DANA G., Assistant in English, September 16, 1960-January 31, 1961, \$422.22 a month, supersedes (10-11-60).

- McNAIR, THOMAS J., Instructor in Surgery (Medicine), 7/10 time, October 7, 1960-August 31, 1961, \$4,600 a year (10-26-60).
- MILLER, JOHN F., Instructor in Architecture and Art (Chicago Undergraduate Division), $\frac{5}{8}$ time, to render service during the first semester of the academic year, from September 1, 1960, \$416.67 a month (10-29-60).
- MUNO, FRANK J., JR., Apprentice Pharmacist in Manufacturing Pharmacy (Pharmacy), $\frac{1}{2}$ time, September 26, 1960-August 31, 1961, \$2,700 a year (10-10-60); Registered Pharmacist in Manufacturing Pharmacy (Pharmacy), $\frac{1}{2}$ time, ten months from November 1, 1960, \$3,000 a year, supersedes (11-2-60).
- NACHTMANN, MRS. MARGARET H., Assistant in English, September 16, 1960-January 31, 1961, \$422.22 a month (10-26-60).
- NEUJAHN, HALINA, Research Associate in Animal Science (S), one year from February 1, 1961, \$6,000 (10-29-60).
- NIEDERMAN, SARA C., Instructor in English (Chicago Undergraduate Division), September 1, 1960-January 31, 1961, to render service during the first semester of the academic year, \$3,000 (10-14-60).
- NOLAN, ROBERT L., Assistant in Physical Education for Men (Chicago Undergraduate Division), September 19, 1960-June 15, 1961, \$500 a month; in addition he will also receive \$22.22 a month from the Athletic Association for services to it (10-26-60).
- O'CONNELL, WILLIAM, Research Associate in Biological Chemistry (Medicine), eleven months from October 1, 1960, \$7,000 a year (10-26-60).
- OLSEN, IRVING S., Instructor in Foreign Languages (Chicago Undergraduate Division), full time for the first semester, \$458.33 a month, and $\frac{1}{2}$ time for the second semester, \$229.17 a month, to render service during the academic year from September 1, 1960, supersedes (10-26-60).
- PANCNER, ROBERT, Instructor in General Engineering (Chicago Undergraduate Division), academic year beginning September 1, 1960, \$5,400 (10-26-60).
- PATLOGAN, MRS. SYLVIA, Instructor in Foreign Languages (Chicago Undergraduate Division), $\frac{1}{4}$ time, September 1, 1960-January 31, 1961, to render service during the first semester of the academic year, \$800 (10-14-60).
- PATTERSON, EARL B., Assistant Professor of Botany, to render service during the first semester of the academic year, September 1, 1960-February 28, 1961, and of Plant Genetics (Agronomy) (S), second semester beginning March 1, 1961, and continuing through August 31, 1961 (on "Y" basis), \$8,200, supersedes (10-14-60).
- PAWLYNSKYJ, STEPHEN, Clinical Instructor in Pediatrics (Medicine), ten months from November 1, 1960, without salary (11-2-60).
- PETTIT, FLOYD E., JR., Research Assistant in Animal Science (S), eleven months from October 1, 1960, \$4,800 a year (11-2-60).
- PFLAUM, CLINTON D., JR., Instructor in English (Chicago Undergraduate Division), $\frac{1}{2}$ time, to render service during the first semester of the academic year, September 1, 1960-January 31, 1961, \$250 a month (10-29-60).
- POWERS, FRANCIS, Instructor in Prosthodontics (Dentistry), $\frac{2}{3}$ time, eleven months from October 1, 1960, \$2,640 a year (10-26-60).
- PULOS, PETER, Clinical Instructor in Medicine (Medicine), one year from September 1, 1960, without salary (10-14-60).
- RACKIN, DONALD, Assistant in English, September 16, 1960-January 31, 1961, \$444.44 a month, supersedes (10-11-60).
- RACSTER, RONALD L., Assistant in Finance (College of Commerce and Business Administration), nine months from September 16, 1960, \$3,800, supersedes (10-14-60).
- REDDY, THOMAS B., Research Associate in Chemistry, $\frac{4}{5}$ time, and Instructor in Analytical Chemistry, $\frac{1}{5}$ time, ten months from September 1, 1960, \$5,000, supersedes (10-26-60).
- REED, RONALD R., Clinical Assistant in Medicine (Medicine), one year from September 1, 1960, without salary (10-4-60).
- ROGGE, WILLIAM M., Research Assistant Professor of Education (University High School), August 15, 1960-June 30, 1961, \$750 a month (10-29-60).
- ROSS, JUNE R. P., Research Assistant in the State Geological Survey, one year from October 1, 1960, \$4,500 (10-26-60).
- RUDNICK, ROLAND, Instructor in Fixed Partial Prosthodontics (Dentistry), $\frac{4}{5}$ time, eleven months from October 1, 1960, \$6,000 a year, supersedes (10-14-60).

- RUTHERFORD, ROBERT E., Instructor in English (Chicago Undergraduate Division), $\frac{1}{2}$ time, to render service during the first semester of the academic year, September 1, 1960-January 31, 1961, \$260 a month (10-29-60).
- SAMET, CHARLES W., Assistant in Radiology (Medicine), one year from September 1, 1960, without salary (10-11-60).
- SCHACHT, SYLVIA N., Assistant in English, September 16, 1960-January 31, 1961, \$422.22 a month (10-26-60).
- SCHNEEMANN, CAROLEE, Instructor in Architecture and Art (Chicago Undergraduate Division), $\frac{1}{2}$ time, six months from September 1, 1960, to render service during the first semester of the academic year, \$270.84 a month (10-29-60).
- SODUFFAS, MRS. ROBERTA, Assistant in English, nine months from September 16, 1960, \$4,000 (10-29-60).
- SEDLACEK, GEORGE J., JR., Assistant in Physical Education for Men (Chicago Undergraduate Division), September 16, 1960-January 31, 1961, \$500 a month (10-26-60).
- SENGER, JOHN D., Instructor in Management, $\frac{1}{2}$ time, February 1-July 31, 1961, to render service during the second semester of the academic year, \$250 a month (10-29-60).
- SIMPSON, ROBERT D., Clinical Instructor in Surgery (Medicine), $\frac{1}{4}$ time, eleven months from October 1, 1960, \$2,500 a year (10-10-60).
- SIMS, BYRL L., Research Associate in Education (University High School), six months from November 1, 1960, \$5,000 (11-2-60).
- SINHA, MRS. I. B., Research Assistant in Plant Pathology (S), October 15, 1960-August 31, 1961, \$4,800 a year, supersedes (10-29-60).
- SINHA, RAMESH C., Research Associate in Botany, one year from September 1, 1960, \$5,500 (10-26-60).
- SISKIND, MRS. CAROLINE C., Instructor in English (Chicago Undergraduate Division), $\frac{1}{2}$ time, to render service during the first semester of the academic year, September 1, 1960-January 31, 1961, \$240 a month (10-29-60).
- SKOVLIN, DEAN O., Research Associate in Chemistry, eleven months from October 1, 1960, \$6,000 a year (10-10-60).
- SLODKI, SHELTON J., Instructor in Medicine (Medicine), eight months from January 1, 1961, \$6,000 a year, supersedes nonsalaried appointment (10-11-60).
- STEINRAUF, LARRY K., Research Assistant Professor of Chemistry, two months from June 16, 1960, \$1,334; this is in addition to his present appointment (10-25-60).
- STILLWELL, MRS. RUTH, Assistant in English, September 16, 1960-January 31, 1961, \$422.22 a month (10-26-60).
- TATSUOKA, MAURICE, Assistant Professor of Education, two years from September 1, 1961, to render service during each academic year, \$9,000 a year (10-14-60).
- TAXEY, PAUL J., Assistant in Biological Sciences (Chicago Undergraduate Division), nine months from September 16, 1960, \$4,300 (10-26-60).
- THOMPSON, RANDALL G., Head Resident, Graduate Dormitory, $\frac{1}{4}$ time, eleven months from October 1, 1960, \$1,200 a year; for the convenience of the University he will be furnished housing valued at \$900 a year, supersedes (10-26-60).
- THOMPSON, MRS. ROSEMARY B., Head Resident, Graduate Dormitory, $\frac{1}{4}$ time, eleven months from October 1, 1960, \$1,200 a year (11-2-60).
- TOMITA, GIITI, Research Associate in Botany (Photosynthesis) (Graduate College and College of Liberal Arts and Sciences), eleven months from October 1, 1960, \$5,500 a year (10-31-60).
- TRIANDIS, LEIGH M., Assistant Professor of Psychology, $\frac{1}{2}$ time, academic year beginning September 1, 1960, \$2,500 (10-10-60).
- VANPELT, MRS. RACHEL S., Assistant in English, September 16, 1960-January 31, 1961, \$466.67 a month (10-26-60).
- WATSON, FRANCIS R., Research Associate in the Office of Instructional Television (Provost's Office), October 24, 1960-August 31, 1961, \$9,500 a year (10-29-60).
- WAX, ARNOLD H., Instructor in Prosthodontics (Dentistry), $\frac{3}{4}$ time, eleven months from October 1, 1960, \$3,960 a year (10-26-60).
- WHITE, JULIE E., Assistant to the Dean of Women, $\frac{1}{2}$ time, ten months from September 1, 1960, \$1,900 (10-29-60).

- WHITE, LOUISE D., Instructor in Foreign Languages (Chicago Undergraduate Division), $\frac{3}{4}$ time, to render service during the first semester of the academic year, September 1, 1960-January 31, 1961, \$1,875 (10-14-60).
- WILF, MRS. RUTH T., Research Associate in Chemistry, $\frac{1}{2}$ time, September 19, 1960-August 31, 1961, \$2,750 a year (10-4-60).
- WINDWER, STANLEY B., Visiting Instructor in Chemistry, one year from September 1, 1960, \$6,500 (10-10-60).
- WOLOSHIN, ARTHUR A., Clinical Instructor in Psychiatry (Medicine), ten months from November 1, 1960, without salary, supersedes salaried appointment (10-26-60).
- WOOLLEY, DALE E., Assistant in English, September 16, 1960-January 31, 1961, \$422.22 a month, supersedes (10-11-60).
- YOCHIM, JEROME, Research Associate in Anatomy (Medicine), eleven months from October 1, 1960, \$5,500 a year (11-2-60).
- YOUNG, PAUL T., Professor of Psychology, 55/100 time, September 2, 1960-August 31, 1961, \$6,360 a year (10-11-60).
- ZDERAO, JOSEPH C., Assistant Reference Librarian in the Library, with rank of Instructor, ten months from November 1, 1960, \$6,000 a year (11-2-60).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the dates indicated in parentheses.)

- ALBRECHT, SHIRLEY A., National Institutes of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1960, \$2,000 (10-27-60).
- ALLEN, CYNTHIA J., United States Health, Education, and Welfare Fellow (Trainee) in Education (Office of Vocational Rehabilitation), nine months from September 16, 1960, \$1,800 (9-16-60).
- BEUKEMA, RUTH C., United States Public Health Service Fellow (Trainee) in School Psychology, nine months from September 16, 1960, \$2,000 (10-19-60).
- BOCKMAN, DALE E., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), September 12, 1960-August 31, 1961, \$3,800 (10-5-60).
- BOYTS, HAROLD, National Institutes of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1960, \$2,000 (10-27-60).
- BRABNER, GEORGE, JR., United States Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1960, \$4,000 (10-4-60).
- BURSTEIN, STUART, United States Public Health Service Medical Student Fellow in Psychiatry (Chicago Professional Colleges), nine months from September 1, 1960, \$600 (9-20-60).
- CARBERRY, MARTHA M., United States Health, Education, and Welfare Fellow (Trainee) in Education (Office of Vocational Rehabilitation), September 16, 1960-January 31, 1961, \$1,000 (10-25-60).
- CHANDLER, MARGARET K., Faculty Research Fellow in Sociology and in Labor and Industrial Relations, one year from September 1, 1960, \$8,000 (10-11-60).
- CLAY, SONYA M., National Institutes of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1960, \$2,000 (10-27-60).
- CORLEY, WILLIAM G., Teaching Fellow in Civil Engineering, nine months from September 16, 1960, \$1,000, supersedes (10-5-60).
- DINKIN, EUGENE B., National Institutes of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1960, \$1,800 (10-27-60).
- EISENBERG, SARA, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), September 12, 1960-August 31, 1961, \$1,800 (10-5-60).
- FERRIER, DONNA, National Institutes of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1960, \$2,000 (10-27-60).
- FUNK, NANCY J., National Institutes of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1960, \$1,800 (10-27-60).
- GILBERG, ARNOLD L., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from October 1, 1960, \$540 (10-5-60).
- GOLDSTEIN, MARILYN H., National Institutes of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1960, \$2,000 (10-27-60).

- HAHN, HANS R., United States Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1960, \$3,200 (10-7-60).
- HANDLEY, CHARLES A., JR., National Institutes of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1960, \$1,800 (10-27-60).
- HAUGEN, TORE, Special Fellow in Law, nine months from September 16, 1960, \$2,000, supersedes (9-30-60).
- HSIEH, WEI-TSE, United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1960, \$1,900 (10-11-60).
- KELLY, MARY F., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1960, \$1,900 (10-14-60).
- LEWIS, ANTONIA, National Institutes of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1960, \$2,000 (10-27-60).
- LINDE, THOMAS F., United States Health, Education, and Welfare Fellow (Trainee) in Education (Office of Vocational Rehabilitation), September 16, 1960-January 31, 1961, \$1,700 (10-5-60).
- LIPPERT, HENRY T., United States Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1960, \$3,200 (10-11-60).
- MAH, GEORGE, Union Carbide Corporation Fellow in Metallurgical Engineering, nine months from September 16, 1960, \$1,800 (10-11-60).
- MARTIN, CAROLINE C., National Institutes of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1960, \$2,000 (10-27-60).
- MAY, P. CONRAD, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from October 1, 1960, \$540 (10-5-60).
- MEDOW, JERRY H., National Institutes of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1960, \$1,800 (10-27-60).
- MOORE, ACOJIA, National Institutes of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1960, \$1,800 (10-27-60).
- MURRAY, ELLIOTT C., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), eleven months from October 1, 1960, \$2,750 (10-17-60).
- NATUSCH, LOIS E., United States Public Health Service Fellow (Trainee) in Social Work (Office of Vocational Rehabilitation), nine months from September 16, 1960, \$2,000 (10-7-60).
- OSTHOFF, (FREDA) IRENE, United States Health, Education, and Welfare Fellow (Trainee) in Education (Office of Vocational Rehabilitation), September 16, 1960-January 31, 1961, \$900 (9-16-60).
- PAGE, RICHARD F., General Electric Foundation Teaching Fellow in Accountancy, nine months from September 16, 1960, \$1,000 (10-5-60).
- PATTERSON, RICHARD L., Jones and Laughlin Steel Corporation Fellow in Metallurgical Engineering, nine months from September 16, 1960, \$1,800 (10-4-60).
- PIERCE, CAROL R., National Institutes of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1960, \$1,800 (10-27-60).
- POWELL, DAVID F., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), eleven months from October 1, 1960, \$1,800 (10-13-60).
- REGIER, CHARLOTTE L., United States Public Health Service Fellow (Trainee) in Social Work (Office of Vocational Rehabilitation), nine months from September 16, 1960, \$2,000 (10-7-60).
- ROSENBLATE, HOWARD, United States Public Health Service Medical Student Fellow (Trainee) (Chicago Professional Colleges), nine months from October 1, 1960, \$540 (9-22-60).
- ROSENE, GORDON L., JR., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), one year from September 1, 1960, \$3,546 (10-5-60).
- RUSKIN, STEPHEN, United States Public Health Service Medical Student Fellow in Psychiatry (Chicago Professional Colleges), nine months from September 1, 1960, \$600 (9-20-60).
- SLOCUM, DAVID S., National Institutes of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1960, \$1,800 (10-27-60).
- SOPHIANOPOULOS, ALKIS J., Postdoctoral Fellow (Trainee) in the School of Life Sciences (Biophysics), one year from October 1, 1960, \$6,000 (10-29-60).

- SPENCER, ELIZABETH F., United States Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1960, \$3,200 (10-11-60).
- STAMEY, VIETTA K., National Institutes of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1960, \$1,800 (10-27-60).
- STOVALL, ETHEL L., National Institutes of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1960, \$2,000 (10-27-60).
- TEEL, CALVIN R., United States Health, Education, and Welfare Fellow (Trainee) in Education (Office of Vocational Rehabilitation), September 16, 1960-January 31, 1961, \$900 (10-25-60).
- THOMPSON, RANDALL G., National Institutes of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1960, \$1,800 (10-27-60).
- UEBEL, JACOB J., Teaching Fellow in Chemistry, nine months from September 16, 1960, \$1,366, supersedes (9-30-60).
- WORTHLEY, WILLIAM J., United States Health, Education, and Welfare Fellow (Trainee) in Speech (Office of Vocational Rehabilitation), nine months from September 16, 1960, \$2,400 (10-7-60).
- ZWIER, MARCIA D., United States Public Health Service Fellow (Trainee) in School Psychology, nine months from September 16, 1960, \$2,000 (10-19-60).

RESIGNATIONS AND DECLINATIONS

- AIBARA, KAGEAKI, Assistant in Food Technology—resignation effective October 11, 1960.
- BEHRENS, JOHN H., Assistant Extension Editor in the Extension Service in Agriculture and Home Economics, with rank of Assistant Professor—resignation effective November 8, 1960.
- BRANDENBURG, WARNER O., Administrative Officer in Air Force Science—resignation effective September 1, 1960.
- CHAN, PAUL Y., Instructor in Surgery (Medicine)—declination effective September 1, 1960.
- COLEMAN, ROBERT V., Research Assistant Professor of Physics—declination effective September 1, 1960.
- FLEISCHER, CLARA J., Assistant Professor of Physical Medicine and Rehabilitation (Medicine) and Assistant Chief of Physical Medicine and Rehabilitation (Research and Educational Hospitals)—resignation effective January 10, 1961.
- GRIEST, GUINEVERE L., Instructor in English (Chicago Undergraduate Division)—resignation effective September 1, 1960.
- POLIDORA, VINCENT J., Research Associate in Psychiatry (Medicine)—resignation effective September 1, 1960.
- RIEMANN, HANS P., Research Assistant in Food Technology—resignation effective November 15, 1960.
- ROSENSTEIN, HERBERT R., Instructor in Applied Materia Medica and Therapeutics (Dentistry)—declination effective September 1, 1960.
- SANDERSON, GLEN C., Research Associate in the State Natural History Survey—resignation effective October 16, 1960.
- SHKLAIR, IRVING L., Research Associate in Applied Materia Medica and Therapeutics (Dentistry)—declination effective September 1, 1960.
- SLATE, WILLIAM G., Assistant Professor of Obstetrics and Gynecology (Medicine)—declination effective September 1, 1960.
- SMITH, LYNDORA M., Assistant in English—declination effective September 16, 1960.
- THOMAS, RUTH G., Assistant in Physical Education for Women (Chicago Undergraduate Division)—declination effective September 16, 1960.
- TRECHOKAS, LEOPOLD, Assistant Professor of Anatomy (Medicine)—declination effective September 1, 1960.
- VIDEKA, MICHAEL A., Instructor in Dental Radiology (Dentistry)—declination effective September 1, 1960.
- WEI, CHUAN TSENG, Research Associate in Mining and Metallurgical Engineering—resignation effective October 1, 1960.
- WENAAS, PAUL E., Instructor in Chemistry—declination effective September 1, 1960.
- WESTON, MRS. PATRICIA, Research Assistant in Chemistry—resignation effective October 15, 1960.

LEAVES OF ABSENCE

- BUDZEIKA, MARIANNE, Clinical Instructor in Pediatrics, in the College of Medicine—leave of absence, without pay, from October 1, 1960, through August 31, 1961, on account of illness.
- CALAHAN, DONALD A., Assistant Professor of Electrical Engineering—leave of absence, without pay, from March 1, 1961, through August 31, 1961.
- DRAKE, JOHN W., Assistant Professor of Microbiology—leave of absence, without pay, for one month from December 1, 1960.
- GUSTAFSON, WESLEY A., Clinical Professor of Neurological Surgery, in the College of Medicine—extension of leave of absence, without pay, from December 1, 1960, through August 31, 1961.
- HIRSCH, JERRY, Associate Professor of Psychology—extension of leave of absence, without pay, from February 1, 1961, through August 31, 1961.
- SUMPTION, MERLE R., Professor of Education and Director of Educational Surveys—leave of absence, without pay, for one month from July 1, 1961, so that he may teach in the summer session at Montana State University.

DECEMBER AND JANUARY BOARD MEETINGS

President Williamson announced that the next two meetings of the Board of Trustees will be held on Wednesday, December 21, 1960, in the First National Bank of Chicago; and on Wednesday, January 18, 1961, also in Chicago, at a time and place to be determined by the President and Secretary of the Board.

On motion of Mr. Swain, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

December 21, 1960



The December meeting of the Board of Trustees of the University of Illinois was held in the First National Bank of Chicago, 38 South Dearborn Street, Chicago, Illinois, on Wednesday, December 21, 1960, beginning at 2:00 p.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Wirt Herrick, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Governor William G. Stratton was absent.

Also present were President David D. Henry, Vice-President and Provost Lyle H. Lanier, Dr. Joseph S. Begando, Assistant to the President and Acting Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. S. Havens, Director of the Physical Plant, Mr. C. E. Flynn, Director of Public Information; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

MEETINGS OF COMMITTEES

Meetings of the Board's Committees on Buildings and Grounds and on General Policy were held on Wednesday, December 21, 1960, beginning at 9:30 a.m.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on June 14, 1960, press proof copies of which have previously been sent to the Board.

On motion of Mr. Swain, these minutes were approved as printed on pages 1311 to 1752, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Illinois Accountancy Act of 1943 as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
WARREN FRANKLIN CECIL	Chicago, Illinois	Ohio
RICHARD JOHN DURAVA	Chicago, Illinois	District of Columbia
EDMUND CREIGHTON KING	Chicago, Illinois	Utah
ERNEST JAMES LOWREY	Houston, Texas	Texas
DENNIS HOWARD MONGOVEN	Chicago, Illinois	District of Columbia
ROBERT NORMAN PASSEN	Chicago, Illinois	District of Columbia
WILLIAM JOHN RICHERT	Chicago, Illinois	Georgia
DANIEL LINCOLN SWEENEY	Chicago, Illinois	Iowa
DAVID BLAKE THOMAS	Effingham, Illinois	Minnesota
THOMAS HOWARD WILLIAMS	Urbana, Illinois	Ohio

I concur.

On motion of Mr. Swain, these certificates were awarded.

**APPOINTMENT OF VICE-PRESIDENT IN CHARGE
OF THE CHICAGO UNDERGRADUATE DIVISION**

(2) In the planning of the development of the Chicago Undergraduate Division, it has long been contemplated that at some appropriate point there should be brought into the direction of this work and to the continuing administration of this important University program an administrator with broad educational as well as administrative experience, expertness in physical planning, and distinction in past educational service who could appropriately fill the post of Vice-President for the Chicago Undergraduate Division, paralleling the office of Vice-President in charge of the Chicago Professional Colleges. Indeed, such an officer has been needed for the past year or more and without him unusually heavy responsibilities for the planning of the future of the Chicago Undergraduate Division, with its implications for over-all University planning, have had to be assumed informally by other University officers. The appointment of a Vice-President for the Chicago Undergraduate Division would in no way affect the responsibilities of the present office of Executive Dean. In fact, the Office of Executive Dean would have increasingly greater responsibilities for the day-to-day operations of the Chicago Undergraduate Division, especially when it is relocated and its enrollment and faculty inevitably increase.

With the approval of the Universities Bond Issue and this assurance that funds will be available for a new campus and buildings for the Chicago Undergraduate Division, it is now possible to invite to the proposed post of Vice-President a man who is willing to make a career out of the task ahead and who

will bring strength to the total organization. Until assurance of the financial resources for the future development of the Chicago Undergraduate Division, it would have been exceedingly difficult to persuade a qualified person to take the task.

After appraisal of persons outside and within the University of Illinois who might qualify for consideration and who would be available, I have received the opinion from all sides, which I am happy to share, that the best possible choice for this position is Professor Norman A. Parker, presently Head of the Department of Mechanical and Industrial Engineering and Chairman of the University Building Program Committee.

Professor Parker has been a member of the University faculty since 1946 when he was appointed Professor and Head of the Department of Mechanical Engineering. He has served faithfully and effectively on numerous faculty and administrative committees which have been concerned with the study and planning of educational programs in all areas of the University. He is currently serving as Chairman of the University Building Program Committee which is responsible for studies of all phases of the University's physical plant development. As Chairman of the Interim Committee on planning of the Chicago Undergraduate Division, he has been indirectly involved in the programs and policies of the Division. He has had opportunities to work with the faculty and administrative staffs from both campuses. As Head of the Department of Mechanical and Industrial Engineering he has achieved national recognition in his field of education. In short, he is admirably qualified in every way to give distinguished academic leadership to the Division and I am happy to report that he is available.

Accordingly, I now submit the following specific recommendations:

1. There shall be established a Vice-President for the Chicago Undergraduate Division who, under the direction of the President, shall be the chief executive officer of the Division, to be appointed biennially by the Board of Trustees on nomination of the President.
2. The appointment of Professor Norman A. Parker as Vice-President for the Chicago Undergraduate Division beginning January 1, 1961, at an annual salary of \$25,500 on a twelve-month service basis.

The initial appointment shall be for the period of January 1 through August 31, 1961; subsequent reappointments will be on the standard biennial tenure for administrative officers of this rank.

Professor Parker will retain his Professorship of Mechanical and Industrial Engineering on indefinite tenure and will continue to serve as Head of the Department until an Acting Head is appointed.

The appointment of Professor Parker is recommended after consultation with the Executive Dean's Advisory Council at the Chicago Undergraduate Division which includes elected representatives of its Senate, and with the concurrence of the Vice-President and Provost and the Dean of the Graduate College.

On motion of Mr. Johnston, these recommendations were approved.

APPOINTMENT OF BUSINESS MANAGER OF THE CHICAGO COLLEGES AND DIVISIONS

- (3) The Vice-President and Comptroller recommends the appointment of Mr. James E. Osborn, now Director of Purchases in the Business Office, as Business Manager of the Chicago Colleges and Divisions effective January 1, 1961, at an annual salary rate of \$15,000.

This appointment is to fill the vacancy created by the untimely and sudden death a few weeks ago of Mr. Howard A. Hazleton, who had been Business Manager since 1945, and who had served in the Business Office since 1923 as Assistant Cashier, Cashier, Head Cashier, Assistant Bursar, Auditor and Assistant to the Comptroller, Assistant Comptroller, and Business Manager.

I concur.

On motion of Mrs. Watkins, this appointment was approved.

APPOINTMENT OF DIRECTOR OF PURCHASES

- (4) The Vice-President and Comptroller recommends the appointment of Mr. L. E. Elliott, now Assistant Director of Purchases, as Director of Purchases be-

ginning January 1, 1961, at an annual salary of \$11,500, to succeed Mr. James E. Osborn who is being recommended for appointment as Business Manager of the Chicago Colleges and Divisions.

I concur.

On motion of Mr. Pogue, this appointment was approved.

APPOINTMENTS TO THE FACULTY

(5) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. DERYCK ALLEN, Visiting Professor of Civil Engineering, for the second semester, 1960-61, at a salary of \$7,500 (E).
2. JOHN AYER, Assistant Professor of Pathology, College of Medicine, beginning October 13, 1960, without salary (DY).
3. JOSEPH BECKER, Assistant Professor of Psychology, beginning February 1, 1961, at an annual salary of \$7,200 (B).
4. MARCEL BRELOT, Visiting Professor of Mathematics, for the second semester, 1960-61, at a salary of \$9,000 (E).
5. ELIZABETH DEAN, Assistant Professor of Health Education, in the Department of Home Economics, beginning December 1, 1960, at an annual salary of \$8,400 (DY).
6. GERRIT FLETCHER, Assistant Professor of Education, beginning November 1, 1960, at an annual salary of \$7,500 (D).
7. JOHN GARTNER, Associate Professor of Horticulture, beginning February 1, 1961, at an annual salary of \$10,500 (DY).
8. POUL GRAFF-PETERSEN, Visiting Associate Professor of Geology, for the academic year 1961-62, at a salary of \$8,500 (E).
9. MARJORIE HOUSTON, Associate Professor of Oral Pathology and of Applied Materia Medica and Therapeutics, in the College of Dentistry, beginning November 15, 1960, at an annual salary of \$9,500 (DY).
10. RALPH STAHL, Visiting Associate Professor of Physics and of Nuclear Engineering, for the second semester, 1960-61, at a salary of \$6,300 (E).
11. ROBERT STEPTO, Clinical Assistant Professor of Obstetrics and Gynecology, beginning November 15, 1960, without salary (DY).
12. MAURICE MAKOTO TATSUOKA, Associate Professor of Education, beginning September 1, 1961, at an annual salary of \$9,000 (B).
13. HELEN M. WALKER, Visiting Professor of Education, for the second semester, 1960-61, at a salary of \$5,000 (E).

Appointments to Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointments to supervisory positions of upper-level responsibility.

1. JOHN A. BALAGNA, JR., Bookstore Manager, Illini Union Bookstore, beginning September 1, 1960, at an annual salary of \$8,400.
2. FUMIE BONK, Food Service Supervisor, Illini Union, beginning September 12, 1960, at an annual salary of \$4,200.
3. EDWARD W. CADE, Chief Announcer, Broadcasting, Radio Station, beginning September 22, 1960, one-half time, at an annual salary of \$2,580.
4. WILLIAM T. DALE, Director-Producer, Broadcasting, Television-Motion Pictures, beginning September 1, 1960, at an annual salary of \$7,200.
5. ETNA J. DOYLE, Test Kitchen Dietitian, Residence Halls, beginning October 1, 1960, at annual salary of \$6,000.
6. RICHARD B. LYTLE, Laboratory Program Administrative Assistant, Department of Chemistry and Chemical Engineering, beginning October 10, 1960, at an annual salary of \$7,500.
7. RUSSELL W. MEEKER, Assistant Supervisor of Motor Vehicle Division, beginning September 1, 1960, at an annual salary of \$4,500.
8. GEORGE P. NEWMAN, JR., Assistant Bookstore Manager, Illini Union Bookstore, beginning November 15, 1960, at an annual salary of \$5,300.
9. A. KENNETH PARLOUR, Laboratory Manager, Department of Chemistry and Chemical Engineering, beginning October 24, 1960, at an annual salary of \$10,800.

10. JOHN SCOUFFAS, Assistant to the Director of the Central Office on the Use of Space, Provost's Office, beginning September 1, 1960, at an annual salary of \$5,040.
11. JOHN A. STANKOWIAK, Laundry Manager, Physical Plant Department, Chicago Professional Colleges, beginning September 19, 1960, at annual salary of \$7,800.

On motion of Mr. Herrick, these appointments were confirmed.

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS ADVISORY COMMITTEE

(6) The Director of the Institute of Labor and Industrial Relations recommends the following appointments to the Institute's Advisory Committee for a term of three years, beginning with the current academic year, to fill vacancies in the three categories of representation:

Management

WYATT A. MILLER, General Manager, Chicago Plant, Sherwin-Williams Company

Labor

THOMAS J. NAYDER, Secretary-Treasurer, Cook County Building and Construction Trades Council

Public

EDWARD A. MARCINIAK, Executive Director, Chicago Commission on Human Relations

I recommend approval.

On motion of Mrs. Watkins, these appointments were approved.

SIGNATURE AUTHORIZATION

(7) The recent death of Mr. Howard A. Hazleton, Business Manager of the Chicago Colleges and Divisions, who had been authorized to sign applications for permits to purchase alcohol, free of federal tax, for use by the University, makes it necessary to change the language of a previous resolution authorizing such signatures adopted by the Board.

I recommend that the following resolution be adopted:

Be It and It Is Hereby Resolved, by this Board of Trustees of the Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Business Manager, the Purchasing Agent, and the Assistant Purchasing Agent of the Chicago Colleges and Divisions of this public corporation be, and they hereby are, authorized to sign any and all documents, forms, applications, and other materials necessary to secure from the United States Treasury Department Internal Revenue Service the right to procure and use alcohol, free of tax, for instruction, experimentation, the making of extracts, ether or chloroform, reagents and pharmaceutical preparations, for sterilization of instruments and external applications, and for any and all other allied purposes for and in behalf of the Chicago Colleges and Divisions of this public corporation, and that the affixing of said officers of their signatures as said officers to any such documents, forms, applications, and other materials necessary, shall be and is the act of this public corporation, and that the authority herein granted shall inure to the successors in office of the said Business Manager, Purchasing Agent, and Assistant Purchasing Agent of the Chicago Colleges and Divisions of this public corporation.

On motion of Mr. Johnston, this resolution was adopted.

TWELVE-WEEK SUMMER TERM

(8) The biennial budget estimates for 1961-63, as approved by the Board of Trustees, include a provision for the cost of a twelve-week summer term, in addition to the traditional eight-week summer session.

The Vice-President and Provost's Office is preparing plans for a twelve-week summer term to be offered in the summer of 1961 to assess the potential demands for expanded summer programs. The proposed twelve-week summer term offering in 1961 will include mainly freshman and sophomore courses which, however, will also be open to any upperclassmen who wish to enroll in them.

The regular eight-week summer session, traditionally a program to serve teachers and administrators in the elementary and secondary schools of Illinois, with its normal complement of undergraduate and graduate courses, will also be offered, according to the usual schedule beginning with the third or fourth week in June and ending with the second week in August.

In approving the budget estimates for 1961-63, the Board in principle authorized the twelve-week summer term but for the purpose of the record I recommend specific authorization at this time of the offering of such a program. The budget and faculty appointments for the two summer terms will be recommended to the Board later.

On motion of Mr. Wilkins, this recommendation was approved.

LOAN AGREEMENT FOR ILLINI UNION ADDITION AND HEALTH CENTER

(9) The Vice-President and Comptroller presents the Loan Agreement with the Housing and Home Finance Agency (Project Ill. 11-CH-80 (S)), wherein the federal government agrees to purchase \$2,750,000 of the Illini Union and Health Center Bonds of 1960, Series B, and recommends that it be approved and that the authorization previously given to the Comptroller and the Secretary to execute the Loan Agreement be ratified and confirmed.

On motion of Mr. Johnston, the Loan Agreement was approved, and the Comptroller and the Secretary of the Board were authorized to execute the same. This action was taken by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

ILLINI UNION AND HEALTH CENTER BONDS

(10) The Vice-President and Comptroller presents the following resolutions and recommends their adoption.

Resolution Authorizing \$7,950,000 of Illini Union and Health Center Bonds, Series A and B of 1960

\$5,200,000 Illini Union and Health Center Bonds of 1960, Series A
\$2,750,000 Illini Union and Health Center Bonds of 1960, Series B

A RESOLUTION AUTHORIZING AND PROVIDING FOR THE ISSUANCE OF REVENUE BONDS FOR THE PURPOSE OF PAYING THE COST OF ACQUIRING, CONSTRUCTING, EQUIPPING, ENLARGING, OR IMPROVING THE ILLINI UNION BUILDING AND A STUDENT HEALTH CENTER BUILDING IN THE CITY OF URBANA, ILLINOIS, BY THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, SETTING FORTH THE TERMS UNDER WHICH SUCH REVENUE BONDS ARE TO BE ISSUED, PROVIDING FOR THE RIGHTS OF THE HOLDERS THEREOF, AND PROVIDING FOR THE ACQUISITION, CONSTRUCTION, AND EQUIPMENT OF SUCH FACILITIES, AND THE MANAGEMENT, MAINTENANCE, IMPROVEMENT, AND OPERATION THEREOF.

WHEREAS The Board of Trustees of the University of Illinois on due consideration and investigation does now find and determine that it is advisable and necessary and required for the good and benefit of the University of Illinois and the best interests of its students and faculty to construct and equip an addition to the Illini Union Building, to improve said Illini Union Building, and to construct and equip a Student Health Center Building (hereinafter sometimes called the "buildings" or "Project"); and

WHEREAS, in order to produce the funds necessary to construct and equip said Project it is advantageous to the University and necessary that the University borrow money and issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1959, and all laws amendatory thereof and supplemental thereto;

Now, Therefore, Be It Resolved by the Board of Trustees of the University of Illinois:

ARTICLE ONE

DEFINITIONS

Unless the context otherwise requires, the terms defined in this Article One shall for all purposes of this Resolution and of any resolution supplemental hereto, have the meanings herein specified, the following definitions to be equally applicable both to the singular and plural forms of any of the terms herein defined:

The term "*Authorized Officer*" shall mean the President, Secretary, Treasurer or Comptroller of the Board of Trustees, or any other person authorized by resolution of the Board of Trustees, to perform the act or sign the document in question.

The term "*Board of Trustees*" and the term "*University*" shall mean The Board of Trustees of the University of Illinois, a body corporate, created and established under the laws of the State of Illinois.

The term "*Bonds*" shall mean and include any and all bonds of all series, issued under this Resolution.

The term "*Comptroller*" shall mean the Comptroller of the University or such other person as may at the time be the acting chief fiscal officer of the University.

The term "*facilities*" shall mean the present Illini Union Building and the Project and all additional facilities financed pursuant to this Resolution, the cost of which is paid in whole or in part through the issuance of Bonds.

The term "*fiscal year*" shall mean the twelve month accounting period established by the University for its academic operations, which currently is the period from July 1 through the following June 30.

The term "*Net Income Available for Debt Service*" shall mean at any date as of which the amount thereof is to be determined the sum of

(a) the average net income for the two preceding fiscal years of all revenue producing facilities pledged for the payment of Bonds and used and occupied during all of said preceding two fiscal years; plus

(b) the net income during the preceding fiscal year of all revenue producing facilities pledged for the payment of Bonds and used and occupied during all of said preceding fiscal year but not during all of the two preceding fiscal years; plus

(c) the estimated annual net income of all revenue producing facilities for the account of which Bonds have been issued and delivered but which are under construction or for which a full fiscal year's operating experience is not available; plus

(d) the estimated annual net income of revenue producing facilities not then completed, the cost of which is to be financed through the proceeds of the sale of additional Bonds at the time proposed to be issued; plus

(e) the income during the preceding fiscal year from investments of funds in the Illini Union and Health Center Bond and Interest Sinking Fund Account.

For the purpose of this definition net income shall be determined by deducting from the gross revenues or estimated gross revenues for the period in question (which revenues shall include student service charges for the use of the facilities pledged for the payment of all Bonds then outstanding and then to be issued) all operating expenses or estimated operating expenses for such period and the amounts required to be credited to the Improvement and Replacement Reserve. In the computation of estimates provided for in this definition, student service charges shall be based on the student enrollment during the immediately preceding fiscal year and other revenues and operating expenses shall be estimated in writing by an independent consulting engineer. All computations of Net Income Available for Debt Service shall be made by the Comptroller of the University who shall certify thereto, and whose certificate shall be accompanied by a certificate signed by a nationally recognized firm of independent public accountants (which accountant's certificate may state that it is made in reliance

on information supplied by the University and that they have made no independent examination of the books and records of the University in connection therewith) stating that they know of no reason why such computation is incorrect.

The term "*operating expenses*" shall mean and include all reasonable expenses of operation and maintenance of the facilities, including without limiting the generality of the foregoing, salaries, wages, cost of materials, supplies, insurance, light, heat, power, reasonable repairs necessary to properly maintain such facilities (including reasonable reserves therefor), taxes (if any), fees and expenses of the depository and paying agents and any expenses required to be paid pursuant to this Resolution but excluding depreciation, provisions for the Improvement and Replacement Reserve hereinafter provided, professional services and activities conducted in the Health Center Building, and all general administrative expenses of the University.

The term "*owner*" or "*holder*" whenever employed herein with respect to a Bond which shall be registered as to principal or fully registered without coupons shall mean the person, firm or agency in whose name such Bond shall be registered and, whenever employed herein with respect to a coupon Bond which shall not be registered as to principal or a coupon, shall mean the bearer of such Bond or coupon.

The term "*Paying Agent*" shall mean the Continental Illinois National Bank and Trust Company of Chicago or its successors in the City of Chicago, Illinois, and shall also mean the Chemical Bank New York Trust Company or its successors in the Borough of Manhattan and City and State of New York.

The term "*depository*" and the term "*Registration Agent*" shall mean the Continental Illinois National Bank and Trust Company of Chicago or its successor in the City of Chicago, Illinois.

The term "*Resolution*" shall mean this Resolution as originally adopted or as it may from time to time be supplemented, modified or amended by any resolution supplemental hereto, pursuant to the provisions hereof.

The term "*student service charge*" shall mean any student fee or portion thereof assessed against students enrolled in the University for the general use of the facilities (whether assessed as a separate charge or as a specific allocation of a multi-purpose fee or charge), but shall not include general student tuitions or student fees assessed for any other purpose.

ARTICLE TWO

AUTHORIZATION, DESIGNATION, FORM, EXECUTION, EXCHANGE AND REGISTRATION OF BONDS

SECTION 2.01. *Limitation of Issue and Equality of Bonds.* This resolution shall constitute a continuing agreement to secure the full and final payment in the manner herein provided for the principal and interest on all Bonds which may from time to time be delivered and issued hereunder. The aggregate principal amount of Bonds which may be so delivered and issued hereunder is not limited except as restricted by law or by the provisions hereof. All Bonds at any time issued and outstanding hereunder, regardless of series, shall be equally and ratably secured hereby without preference, priority or distinction.

SECTION 2.02. *Project and Purpose of Initial Issue of Bonds.* The initial project (hereinafter called the "Project") to be acquired, constructed, equipped and completed hereunder is described in a general way as:

1. An addition to the south of the present Illini Union Building, including relocation of general university utilities in order to clear the site, and certain other improvements to said Illini Union Building.
2. An addition to McKinley Hospital, located at 1109 South Lincoln Avenue, Urbana, Illinois, to be used as a Student Health Center.

The estimated cost of said Project is \$7,950,000, exclusive of land and the estimated cost of each portion of said Project is more fully set forth in the plans and specifications therefor on file with the University Architect.

It is hereby determined that in order to produce the funds necessary to construct and equip the Project, that the University borrow the sum of Seven Million Nine Hundred Fifty Thousand Dollars (\$7,950,000) and in evidence thereof to issue its Illini Union and Health Center Bonds hereunder in said principal amount.

SECTION 2.03. *Terms of Series A and B of 1960 Bonds.* The Bonds to be initially issued hereunder shall be substantially in the form and of the tenor and

purport hereinafter set forth and limited to the aggregate principal amount of Seven Million Nine Hundred Fifty Thousand Dollars (\$7,950,000) at any one time outstanding, Five Million Two Hundred Thousand Dollars (\$5,200,000) of which shall be designated "The Board of Trustees of the University of Illinois Illini Union and Health Center Bonds of 1960, Series A" (hereinafter called "1960 Series A Bonds") and the remaining Two Million Seven Hundred Fifty Thousand Dollars (\$2,750,000) principal amount thereof shall be designated "The Board of Trustees of the University of Illinois Illini Union and Health Center Bonds of 1960, Series B" (hereinafter called "1960 Series B Bonds").

The Series A Bonds and the Series B Bonds shall be issued as negotiable coupon bonds dated October 1, 1960, registrable as to principal in the denomination of \$1,000 or as fully registered Bonds without coupons, dated as of the interest payment date to which interest was last paid, next preceding the date of issue, unless issued on an interest payment date on which interest was paid, in which case they shall be dated as of the date of issue, or unless issued prior to April 1, 1961, in which case they shall be dated October 1, 1960. Each fully registered Bond without coupons shall be of a single maturity. Fully registered Bonds without coupons shall be numbered in such manner as may be designated by the Comptroller and shall be issued in denominations of \$1,000 or multiples thereof. Bonds shall bear interest from October 1, 1960, payable semi-annually on the first days of April and October in each year until paid, commencing April 1, 1961, at the rates provided below and shall mature in the following amounts on October 1, of the following years:

<i>Ma- turity Dates</i>	<i>Series A Bonds</i>		<i>Series B Bonds</i>	
	<i>Principal Amount</i>	<i>Interest Rate</i>	<i>Principal Amount</i>	<i>Interest Rate</i>
1963	\$ 90,000	5%	\$ 50,000	3½%
1964	100,000	5%	50,000	3½%
1965	100,000	5%	50,000	3½%
1966	110,000	5%	60,000	3½%
1967	120,000	3½%	60,000	3½%
1968	130,000	3½%	60,000	3½%
1969	140,000	3½%	60,000	3½%
1970	140,000	3½%	70,000	3½%
1971	150,000	3½%	70,000	3½%
1972	160,000	3½%	70,000	3½%
1973	160,000	3½%	80,000	3½%
1974	170,000	3½%	80,000	3½%
1975	170,000	3½%	90,000	3½%
1976	180,000	3½%	90,000	3½%
1977	180,000	3½%	100,000	3½%
1978	180,000	3½%	110,000	3½%
1979	190,000	3½%	110,000	3½%
1980	200,000	3½%	110,000	3½%
1981	210,000	3½%	120,000	3½%
1982	220,000	3½%	120,000	3½%
1983	230,000	3½%	120,000	3½%
1984	240,000	3½%	130,000	3½%
1985	250,000	3½%	130,000	3½%
1986	260,000	3½%	140,000	3½%
1987	270,000	3½%	140,000	3½%
1988	280,000	3½%	150,000	3½%
1989	280,000	3½%	160,000	3½%
1990	290,000	3½%	170,000	3½%
	<u>\$5,200,000</u>		<u>\$2,750,000</u>	

The 1960 Series A and B Bonds shall be redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on any interest payment date on and after, but not prior to April 1, 1971, in the inverse order in which they mature, at the principal amount thereof, together with the interest accrued thereon to the date fixed for redemption plus a premium of the following percentages of such principal amount if redeemed during the following periods respectively:

<i>Period of Redemption</i>	<i>Applicable Premium</i>
April 1, 1971 through October 1, 1975.....	3%
April 1, 1976 through October 1, 1980.....	2%
April 1, 1981 through October 1, 1985.....	1%
April 1, 1986 and thereafter without premium,	

provided, however, that the 1960 Series B Bonds may be redeemed in the inverse order in which they mature at any time after completion of the Project out of excess funds then remaining in any Construction Fund Account established with the proceeds of said 1960 Series B Bonds, at the principal amount thereof together with interest accrued thereon to the date fixed for redemption but without premium. All redemptions shall be made in the manner, upon the notice and with the effect provided in Article Three hereof.

SECTION 2.04. *Payment of Principal and Interest.* Both the principal of and the interest on the 1960 Series A and B Bonds shall be payable in any coin or currency which on the respective date of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at the Continental Illinois National Bank and Trust Company of Chicago, in the City of Chicago, Illinois, or at the Chemical Bank New York Trust Company in the Borough of Manhattan and City and State of New York.

SECTION 2.05. *Form of Bonds.* The definitive coupon 1960 Series A and B Bonds, the interest coupons to be attached thereto, the form of fully registered 1960 Series B Bonds without coupons, the form of registration endorsement to appear on all coupon Bonds, the form of principal payment record and the form of assignment to appear on all fully registered Bonds shall be in substantially the following forms with appropriate insertions, omissions and variations to evidence differences in number, amount, interest rate, maturity and like matters:

(Form of Coupon Bond)
UNITED STATES OF AMERICA
STATE OF ILLINOIS
THE BOARD OF TRUSTEES OF THE UNIVERSITY
OF ILLINOIS ILLINI UNION AND
HEALTH CENTER BOND
Series of 1960

Number..... \$1,000

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a body corporate, created and existing under the laws of the State of Illinois, for value received promises to pay to bearer, but only out of the Illini Union and Health Center Bond Fund, as hereinafter provided for, and not otherwise, the principal sum of ONE THOUSAND DOLLARS (\$1,000), on October 1, 19..... and to pay interest on said sum from the date hereof until paid at the rate of per cent (.....%) per annum, payable April 1, 1961, and semiannually thereafter on the first days of April and October in each year until the principal amount hereof has been fully paid. Interest accruing on this bond on and prior to the maturity date hereof shall be payable on presentation and surrender of the interest coupons hereto attached as they subsequently become due, but no interest shall accrue on this bond after the maturity hereof whether by lapse of time, call for redemption, or otherwise unless this bond shall be presented for payment and be not then paid.

Both principal hereof and interest hereon are hereby made payable in any coin or currency which, on the respective dates of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at the Continental Illinois National Bank and Trust Company of Chicago, in the City of Chicago, Illinois, or at the option of the holder, at the Chemical Bank New York Trust Company in the Borough of Manhattan and City and State of New York.

This bond is one of an initial authorized series of Dollars (\$.....) principal amount of Illini Union and Health Center Bonds of 1960, Series, which with the 1960 Series Bonds constitute an issue of Seven Million Nine Hundred Fifty Thousand Dollars (\$7,950,000) issued and to be issued pursuant to a Bond Resolution (herein called

"Resolution") of The Board of Trustees of the University of Illinois duly adopted December 21, 1960, for the purpose of providing funds for paying the cost of constructing and equipping an addition to the Illini Union Building and a Health Center Building (herein collectively called the "Project") as set forth in the Resolution. Said Resolution, among other things, provides for the issuance of additional bonds pursuant thereto in the manner and upon the terms and conditions more fully set forth therein.

(1960 Series A Bonds Only)

[The bonds of this series are redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on any interest payment date on and after, but not prior to April 1, 1971, in the inverse order in which they mature, at the principal amount thereof, together with the interest accrued thereon to the date fixed for redemption plus a premium of the following percentages of such principal amount if redeemed during the following periods respectively:

<i>Period of Redemption</i>	<i>Applicable Premium</i>
April 1, 1971 through October 1, 1975.....	3%
April 1, 1976 through October 1, 1980.....	2%
April 1, 1981 through October 1, 1985.....	1%
April 1, 1986 and thereafter without premium.]	

(1960 Series B Bonds Only)

[The bonds of this series shall be redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on any interest payment date on and after, but not prior to April 1, 1971, in the inverse order in which they mature, at the principal amount thereof, together with the interest accrued thereon to the date fixed for redemption plus a premium of the following percentages of such principal amount if redeemed during the following periods respectively:

<i>Period of Redemption</i>	<i>Applicable Premium</i>
April 1, 1971 through October 1, 1975.....	3%
April 1, 1976 through October 1, 1980.....	2%
April 1, 1981 through October 1, 1985.....	1%
April 1, 1986 and thereafter without premium,	

provided, however, that the bonds of this series may be redeemed in the inverse order in which they mature at any time after completion of the Project out of excess funds then remaining in any Construction Fund Account established with the proceeds of the bonds of this series, at the principal amount thereof together with interest accrued thereon to the date fixed for redemption but without premium. All redemptions shall be made in the manner, upon the notice and with the effect provided in Article Three of the Resolution.]

Notice of redemption of any or all of said bonds shall be published once a week for two successive calendar weeks, the first such publication to be not less than thirty days prior to the date of redemption, such publication to be made in one daily newspaper printed in the English language and published and of general circulation in the City of Chicago, Illinois, and also in a financial newspaper printed in the English language and published and of general circulation in the Borough of Manhattan, City and State of New York, and when this bond or any of the bonds of such authorized issue shall have been duly called for redemption, interest thereon shall cease from and after the specified redemption date if redemption monies are available for the payment of all bonds called for redemption.

This bond and the series of which it forms a part is issued under the authority of The Board of Trustees of the University of Illinois to issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1959, and all laws amendatory thereof and supplemental thereto and the Resolution above referred to.

This bond is payable, both as to principal and interest, only from the revenues required to be credited to the Illini Union and Health Center Bond Fund as provided in the Resolution; which revenues are to be derived from (1) the operation of the present Illini Union Building, (2) the operation of the revenue producing facilities constructed, completed, and equipped with the proceeds of this

bond issue and additional bonds which may hereafter be issued pursuant to the Resolution, (3) the operation of any other revenue producing facilities which may subsequently be pledged pursuant to any supplemental resolution creating or authorizing additional bonds to be issued pursuant to the Resolution and (4) student service charges (as defined in the Resolution) for the use of the facilities. This bond and the series of which it forms a part do not constitute an indebtedness of said University of Illinois, The Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University, of said Board of Trustees, or the State of Illinois is pledged to the payment of this bond or the interest thereon.

This bond shall pass by delivery unless it is registered as to principal in the name of the holder on the books of registration of said University kept at the office of the Registration Agent in the City of Chicago, Illinois, such registration to be noted on the back hereof. After such registration no transfer hereof shall be valid unless made on such books by the registered holder in person or by attorney duly authorized in writing and similarly noted hereon, but this bond may be transferred in like manner to bearer, and thereupon transferability by delivery shall be restored and it may again from time to time be registered or transferred to bearer as before. Such registration, however, shall not restrict the negotiability of the coupons hereto appertaining, but such coupons shall be transferable by delivery merely and payable to the bearer thereof.

Subject to the provisions for registration and transfer, this bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and during such time as this bond is payable to bearer, the same and each of the coupons hereto appertaining may be negotiated by delivery by any person having possession thereof, and any holder who shall have taken this bond while so payable to bearer or any of said coupons from any person for value and without notice shall thereby acquire absolute title to this bond or to such coupons, as the case may be, free of any defenses enforceable against any prior holder and free from all equities and claims of ownership of any such prior holder, and The Board of Trustees of the University of Illinois, any paying agent, the Registration Agent and any other person may deem and treat the bearer of this bond, or, if registered, the person in whose name it is registered, and the bearer of any interest coupons appertaining hereto as the absolute owner hereof for all purposes and shall not be affected by any notice to the contrary whether this bond or any coupon appertaining thereto be overdue or not.

The bonds of this series are issuable as coupon bonds registrable as to principal only in the denomination of \$1,000 and as registered bonds without coupons in the denomination of \$1,000 or a multiple thereof. Each fully registered bond without coupons shall be of a single maturity. The coupon bonds and the registered bonds without coupons are interchangeable for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder or registered owner at the office of the Registration Agent in the City of Chicago, Illinois, and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of The Board of Trustees of the University of Illinois and of the holders of sixty-six and two-thirds per cent ($66\frac{2}{3}\%$) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on or otherwise alter or impair the obligation of the University to pay the principal, interest or redemption premiums at the time and place and at the rate and in the currency provided therein of any bond without the expressed consent of the holder or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the Resolution, other than the lien and pledge created thereunder, or (iii) permit the creation by The Board of Trustees of the University of Illinois of any preference or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons or (iv) reduce the percentage in principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the Resolution adopted by it, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facilities, as provided for in and by said Resolution, and to establish from time to time rules, rents, student service charges and other charges for the use of said facilities and to maintain and collect rents and student service charges and other charges sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions, and things required to exist, to happen, and to be performed, precedent to and in the issuance of this bond, have existed, have happened, and have been performed in due form, time, and manner, as required by law and the applicable resolutions of The Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said facilities to be applied in the manner hereinabove set forth.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois has caused this bond to be executed by the facsimile signatures of its President and two of its members, the corporate seal of the University of Illinois to be hereto affixed (or a facsimile thereof to be reproduced hereon), and attested by its Secretary, and has caused the interest coupons hereto attached to be executed by the facsimile signatures of said President and Secretary, and this bond to be dated as of the 1st day of October, 1960.

THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

Attest: By
Secretary President
Member Member

(Form of Interest Coupon)

Number \$

On the first day of, 19..... (unless the bond to which this coupon is attached has theretofore been called for payment and payment made or provided for), The Board of Trustees of the University of Illinois will pay to bearer on surrender hereof, solely out of the fund specified in the bond to which this coupon is attached, the sum of Dollars (\$.....) in any coin or currency which, on the respective dates of payment of such principal and interest is legal tender for the payment of debts due the United States of America, at the Continental Illinois National Bank and Trust Company of Chicago, in the City of Chicago, Illinois, or at the option of the holder at the Chemical Bank New York Trust Company in the Borough of Manhattan and City and State of New York, as provided in the Illini Union and Health Center Bond of 1960, Series, dated October 1, 1960, Number

Secretary President

(Form for Registration of Coupon Bond)

Date of Registration	Name of Registered Owner	Signature of Registrar
.....
.....
.....

(Form of Registered Bond Without Coupons)
 UNITED STATES OF AMERICA
 STATE OF ILLINOIS
 THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
 ILLINI UNION AND HEALTH CENTER BOND
 Series of 1960

No. \$.....

The Board of Trustees of the University of Illinois, a body corporate, created and existing under the laws of the State of Illinois, for value received promises to pay (but only out of the Illini Union and Health Center Bond Fund as hereinafter provided for, and not otherwise) to

..... or registered assigns, on October 1, 19....., the principal sum of Dollars (\$.....) and to pay interest thereon (which shall be paid by check or draft mailed to the registered owner at his address as it appears on the bond registration books of the University), at the rate of per cent (.....%) per annum, payable April 1, 1961, and semiannually thereafter on the first days of April and October in each year from the date hereof until the principal amount hereof has been fully paid.

Both principal hereof and interest hereon are made payable in any coin or currency which on the respective dates of payment of such principal and interest is legal tender for the payment of debts due the United States of America, at the Continental Illinois National Bank and Trust Company of Chicago, or its successor, in the City of Chicago, Illinois, or at the option of the holder at the Chemical Bank New York Trust Company in the Borough of Manhattan and City and State of New York.

This bond is one of an initial authorized series of principal amount of Illini Union and Health Center Bonds of 1960, Series, which with the 1960 Series Bonds constitute an issue of Seven Million Nine Hundred Fifty Thousand Dollars (\$7,950,000), issued and to be issued pursuant to a Bond Resolution (herein called "Resolution") of The Board of Trustees of the University of Illinois duly adopted December 21, 1960, for the purpose of providing funds for paying the cost of constructing and equipping an addition to the Illini Union Building and a Health Center Building (herein collectively called the "Project") as set forth in the Resolution. Said Resolution, among other things, provides for the issuance of additional bonds pursuant thereto in the manner and upon the terms and conditions more fully set forth therein.

(1960 Series A Bonds Only)

[The bonds of this series are redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on any interest payment date on and after, but not prior to April 1, 1971, in the inverse order in which they mature, at the principal amount thereof, together with the interest accrued thereon to the date fixed for redemption plus a premium of the following percentages of such principal amount if redeemed during the following periods respectively:

<i>Period of Redemption</i>	<i>Applicable Premium</i>
April 1, 1971 through October 1, 1975.....	3%
April 1, 1976 through October 1, 1980.....	2%
April 1, 1981 through October 1, 1985.....	1%
April 1, 1986 and thereafter without premium.]	

(1960 Series B Bonds Only)

[The bonds of this series shall be redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on any interest payment date on and after, but not prior to April 1, 1971, in the inverse order in which they mature, at the principal amount thereof, together with the interest accrued thereon to the date fixed for redemption plus a premium of the following percentages of such principal amount if redeemed during the following periods respectively:

<i>Period of Redemption</i>	<i>Applicable Premium</i>
April 1, 1971 through October 1, 1975.....	3%
April 1, 1976 through October 1, 1980.....	2%
April 1, 1981 through October 1, 1985.....	1%
April 1, 1986 and thereafter without premium,	

provided, however, that the bonds of this series may be redeemed in the inverse order in which they mature at any time after completion of the Project out of excess funds then remaining in any Construction Fund Account established with the proceeds of the bonds of this series, at the principal amount thereof together with interest accrued thereon to the date fixed for redemption but without premium. All redemptions shall be made in the manner, upon the notice and with the effect provided in Article Three of the Resolution.]

Notice of redemption of any or all of said bonds shall be published once a week for two successive calendar weeks, the first such publication to be not less than thirty days prior to the date of redemption, such publication to be made in one daily newspaper printed in the English language and published and of general circulation in the City of Chicago, Illinois, and also in a financial newspaper printed in the English language and published and of general circulation in the Borough of Manhattan, City and State of New York, and when this bond or any of the bonds of such authorized issue shall have been duly called for redemption, interest thereon shall cease from and after the specified redemption date if redemption monies are available for the payment of all bonds called for redemption.

This bond and the series of which it forms a part is issued under the authority of The Board of Trustees of the University of Illinois to issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1959, and all laws amendatory thereof and supplemental thereto and the Resolution above referred to.

This bond is payable, both as to principal and interest, only from the revenues required to be credited to the Illini Union and Health Center Bond Fund as provided in the Resolution; which revenues are to be derived from (1) the operation of the present Illini Union Building, (2) the operation of the revenue producing facilities constructed, completed and equipped with the proceeds of this bond issue and additional bonds which may hereafter be issued pursuant to the Resolution, (3) the operation of any other revenue producing facilities which may subsequently be pledged pursuant to any supplemental resolution creating or authorizing additional bonds to be issued pursuant to the Resolution and (4) student service charges (as defined in the Resolution) for the use of the facilities. This bond and the series of which it forms a part do not constitute an indebtedness of said University of Illinois, The Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University, or said Board of Trustees, or the State of Illinois is pledged to the payment of this bond or the interest thereon.

Subject to the provisions for registration and transfer contained herein and in the Resolution, this bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and shall be transferable by the registered owner at the office of the Registration Agent in the City of Chicago, Illinois, upon surrender and cancellation of this bond and thereupon coupon bonds or a new registered bond without coupons of the same principal amount, interest rate and maturity will be issued to the transferee as provided in the Resolution. The Board of Trustees of the University of Illinois, any paying agent, the Registration Agent and any other person may treat the person in whose name this bond is registered as the absolute owner hereof for the purpose of receiving payment and for all other purposes and shall not be affected by any notice to the contrary whether this bond be overdue or not.

The bonds of this series are issuable as coupon bonds registrable as to principal only in the denomination of \$1,000 and as registered bonds without coupons in the denomination of \$1,000 or a multiple thereof. Each fully registered bond without coupons shall be of a single maturity. The coupon bonds and the registered bonds without coupons are interchangeable for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder or registered owner at the office of the Registration Agent in the City of Chicago, Illinois, and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of The Board of Trustees of the University of Illinois and of the holders of sixty-six and two-thirds per cent (66⅔%) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on or otherwise alter or impair the obligation of the University to pay the principal, interest or redemption premiums at the time and place and at the rate and in the currency provided therein of any bond without the express consent of the holder or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the Resolution, other than the lien and pledge created thereunder, or (iii) permit the creation by The Board of Trustees of the University of Illinois of any preference or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons or (iv) reduce the percentage of principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the Resolution adopted by it, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facilities, as provided for in and by said Resolution, and to establish from time to time rules, rents, student service charges and other charges for the use of said facilities and to maintain and collect rents and student service charges and other charges sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions, and things required to exist, to happen, and to be performed, precedent to and in the issuance of this bond, have existed, have happened, and have been performed in due form, time, and manner, as required by law and the applicable resolutions of The Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said facilities to be applied in the manner hereinabove set forth.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois has caused this bond to be executed by the facsimile signature of its President and two of its members, the corporate seal of the University of Illinois to be hereto affixed (or a facsimile thereof to be reproduced hereon), and attested by its Secretary, and this bond to be dated as of the 1st day of

....., 19.....

THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

Attest:	By
<i>Secretary</i>	<i>President</i>
.....
<i>Member</i>	<i>Member</i>

(Form of Assignment of Registered Bonds Without Coupons)

For Value Received
hereby sell, assign and transfer unto.....

the within mentioned bond together with accrued interest thereon, and all right, title and interest thereto and hereby irrevocably constitute and appoint, attorney to transfer the same on the books of Registration of the University, with full power of substitution in the premises.

Dated:

Witness:

NOTE: The signature to this Assignment must correspond with the name as written on the face of the within bond in every particular, without alteration or enlargement or any change whatsoever except when the registered owner is a governmental agency, in which case it may be executed in the name of any successor.

SECTION 2.06. *Bonds of Additional Series.* Subject to the conditions and limitations set forth in Article Four hereof and provided that the University shall not at the time be in default under any of the terms, covenants or provisions of this Resolution, additional Bonds of equal rank with the 1960 Series A and B Bonds may be issued from time to time under this Resolution having such maturities, providing for the payment of such rates of interest and having such other characteristics as shall be determined by the Board of Trustees and set forth in a resolution to be supplemental hereto; provided, however, that each issue of additional Bonds, when so issued, shall be differentiated from all previous issues by appropriate designation inscribed thereon.

SECTION 2.07. *Execution of Bonds.* All of the Bonds shall be executed by the facsimile signatures of the President and any two members of the Board of Trustees and shall have the seal of the University affixed thereto (or a facsimile thereof to be reproduced thereon) and shall be attested by the Secretary of the Board of Trustees, the coupons to be attached to the Bonds shall bear the facsimile signatures of the President and Secretary of the Board of Trustees.

In case any person who shall have signed, sealed or attested any Bond issuable under this Resolution as an officer or member of the Board of Trustees, shall have ceased to be such officer or member before the Bond so signed, sealed or attested shall have been actually delivered, such Bond nevertheless may be delivered and issued as though the person who signed, sealed or attested such Bond had not ceased to be such officer or member of the Board of Trustees.

Any Bond issuable hereunder may be signed, sealed or attested on behalf of the Board of Trustees by any person who at the actual date of execution of such Bond is the proper person, although at the date of such Bond such person shall not have been an officer or member of the Board of Trustees.

SECTION 2.08. *Registration and Transfer of Bonds.* The University shall keep at the office of the Registration Agent in Chicago, Illinois, books for the registration and transfer of Bonds issued hereunder, which, at all reasonable times, shall be open for inspection by the holder of any Bond issued hereunder, and upon presentation for the purpose at such office, the University will register or transfer or cause to be registered or transferred herein, as hereinafter provided, and under such reasonable regulations as it may prescribe, any Bonds issued under this Resolution and entitled to be so registered or transferred.

The holder of any coupon Bond issued hereunder may have the ownership of the principal thereof registered on said books of the University at the office of the Registration Agent in Chicago, Illinois, and such registration shall be noted on the Bond. After such registration no transfer shall be valid unless made on the said books by the registered owner in person, or by his duly authorized attorney, and similarly noted on the Bond; but the same may be discharged from registration by being in like manner transferred to bearer, and thereupon transferability by delivery shall be restored; and such Bond may again, from time to time, be registered or transferred to bearer as before. Such registration, however, shall not affect the transferability of the coupons, but every such coupon shall continue to be transferable by delivery merely, and shall remain payable to bearer. The University shall make no charge for such registrations and discharges from registration.

Any registered Bond without coupons may be transferred at the office of the Registration Agent in the City of Chicago, Illinois, by surrender of such Bond for cancellation, accompanied by delivery of a written instrument of transfer in form approved by the Comptroller, duly executed by the registered owner of such Bond or his duly authorized attorney, and thereupon the University shall issue in the name of the transferee or transferees a new registered Bond or Bonds of like form and maturity and for a like aggregate principal sum.

A registered Bond without coupons, upon request of the registered owner, may be exchanged at said office of the Registration Agent for several such Bonds, of like form and maturity but of lesser authorized denominations, in the same name and for a like aggregate principal sum, and several registered Bonds without

coupons, in the same name, may, upon request of the registered owner, be exchanged at such office or agency for one registered Bond without coupons or several such Bonds, of like form and maturity, but of greater authorized denominations and for the same aggregate principal sum.

Whenever any coupon Bonds in aggregate principal amount equal to one or more registered Bonds without coupons of authorized denominations, with all unmatured coupons thereto attached, shall be surrendered at such office for exchange for a registered Bond or Bonds without coupons, the University shall issue, and, in exchange for such coupon Bonds, shall deliver registered Bonds, or one registered Bond, of authorized denominations without coupons, of the same maturity and for a like aggregate principal sum.

Whenever any registered Bond without coupons shall be surrendered for cancellation, accompanied by delivery of a written instrument of transfer in a form approved by the Comptroller, duly executed by the registered owner of such Bond or his duly authorized attorney, at the office of the Registration Agent in the City of Chicago, Illinois, for exchange for coupon Bonds, the University shall issue, and, in exchange for such registered Bond, shall deliver coupon Bonds for a like aggregate principal sum and like maturity, with coupons thereto attached representing interest from the interest payment date on which interest was last paid on such registered Bond without coupons.

As to all registered Bonds without coupons and all coupon Bonds registered as to principal, the person in whose name the same shall be registered shall be deemed and regarded as the owner thereof, for all purposes, and thereafter payment of or on account of the principal of such Bond, if it be a registered coupon Bond, and of the principal and interest, if it be a registered Bond without coupons, shall be made only to such registered owner thereof but such registration may be changed as above provided. All such payments shall be valid and effectual to satisfy and discharge the liability upon such Bonds to the extent of the sum or sums so paid. The University may deem and treat the bearer of any coupon Bond which shall not at the time be registered as to principal, and the bearer of any coupon for interest on such Bond, whether such Bond shall be registered or not, as the absolute owner of such Bond or coupon for the purpose of receiving payment thereof, and for all other purposes whatsoever, and the University shall not be affected by any notice to the contrary whether the Bond or coupon be overdue or not.

In every case of exchange or transfer of Bonds under this Section, the surrendered Bond or Bonds shall be presented to the University for cancellation.

Upon every such exchange of coupon Bonds for registered Bonds, without coupons, or of registered Bonds without coupons for coupon Bonds or for other registered Bonds without coupons, and upon any transfer of registered Bonds without coupons, the University, except as otherwise provided in any agreement between the University and any original purchaser of Bonds, may require the payment of such charge therefor as it may deem proper, not exceeding Two Dollars (\$2.00) plus actual expenses, including printing costs of new bonds, incurred in connection therewith for each Bond issued upon such exchange, payment of which, together with any taxes or other governmental charges required to be paid with respect to such exchange or transfer, shall be made by the party requesting such exchange or transfer as a condition precedent thereto.

The University shall not be required to make exchanges or transfers of bonds as provided in this Section 2.08 during a period of ten (10) days next preceding any interest payment date, or for the period of ten (10) days next preceding the first publication of notice of redemption of any Bond or at any time of any Bonds which have theretofore been duly called for redemption.

SECTION 2.09. *Lost, Stolen, Destroyed or Mutilated Bonds.* Upon the receipt by the University of evidence satisfactory to it of the loss, theft, destruction or mutilation of any outstanding Bond hereby secured, and of indemnity satisfactory to it, and upon surrender and cancellation of such Bond if mutilated, the University may execute and deliver, upon the lapse of such period of time as they may deem advisable, a new Bond of like tenor and maturity bearing the same or a different serial number, to be issued in lieu of such lost, stolen, destroyed or mutilated Bond. Such new Bond may bear such endorsement as may be prescribed by the University and which at the time is necessary to conform to the requirements of any securities exchange or of any governmental body

having jurisdiction. The University may require the payment of a sum not exceeding Two Dollars (\$2.00) for each new Bond issued under this Section 2.09, plus expenses, including printing costs of new bonds, which may be incurred by the University in the premises.

SECTION 2.10. *Registration Agent.* The depository in the City of Chicago, Illinois, is hereby appointed as the Registration Agent for the purpose of registering, transferring and exchanging the Bonds as in this Resolution provided and the University agrees to take all legal action necessary or proper to constitute said depository as the Registration Agent hereunder.

ARTICLE THREE REDEMPTION OF BONDS

SECTION 3.01. *Publication of Notice.* Whenever the University shall determine to exercise its right to redeem any Bonds issued hereunder and by their terms subject to redemption, notice of such redemption shall be published by the University in one daily newspaper printed in the English language and published and of general circulation in the City of Chicago, Illinois and in a financial newspaper printed in the English language and published and of general circulation in the Borough of Manhattan, in the City and State of New York not less than 30 days prior to such redemption date. Such notice shall (a) designate the time and place of such redemption; (b) if the Bonds to be redeemed are less than all of the Bonds of any series or maturity, designate the numbers, the maturity date or dates and the aggregate principal amount of such Bonds; and (c) state that on the designated date of redemption such Bonds will be redeemed by payment of the principal amount thereof (or for the portion thereof to be redeemed) and all unpaid interest accrued thereon to the date of redemption plus the applicable premium, if any, and that from and after such designated redemption date interest in respect of the Bonds (or portions thereof) so called for redemption shall cease. A copy of said notice shall be mailed by the University, postage prepaid, at least 30 days prior to the redemption date to all registered owners of Bonds so to be redeemed at their last addresses appearing on the registration books of the University, but such mailing shall not be a condition precedent to the validity of the redemption of any Bond.

In case any fully registered Bonds are to be redeemed in part only, said notice shall specify the respective portions of the principal amounts thereof to be redeemed (which shall be \$1,000 or any multiple thereof) and shall state that payment of the redemption price shall, except as hereinafter specifically provided, be made only upon presentation of such fully registered Bonds for surrender in exchange for a coupon Bond or Bonds or a fully registered Bond or Bonds of the same series and maturity, of authorized denominations in aggregate principal amount equal to the unredeemed portion of the principal amount thereof; and in such case, if coupon Bonds or fully registered Bonds are so to be delivered in exchange, the University shall execute and deliver to or upon the written order of the registered owner of any fully registered Bonds, a portion only of which is to be redeemed, and at the expense of the University, a new Bond or Bonds of the same series and maturity for the principal amount of the surrendered fully registered Bond less the principal amount thereof paid on surrender.

In the event of the payment of a portion of the principal amount of any fully registered Bond registered in the name of any initial purchaser in whose name Bonds of that series were first registered and named in a written order of an Authorized Officer filed with the depository and stating that the provisions of this paragraph shall be applicable thereto, or registered in the name of any subsequent holder for the benefit of whom University shall elect that the provisions of this paragraph shall be applicable thereto (which election shall be subject to the condition that such subsequent holder shall first agree not to make any sale or transfer of any Bond or Bonds registered in its name without presentation of such Bond or Bonds for transfer and exchange), then in such event the University shall make payment to such Bond holder without requiring presentation of such Bond and, in lieu of delivering a new Bond or Bonds of an aggregate principal amount equal to the unredeemed portion of the principal amount of such Bond, the University shall, in its letter transmitting payment to such Bond holder, instruct such holder to endorse such payment on such Bond and a written representation from

such holder to the University that such payment has been so endorsed shall be conclusive evidence of such endorsement and payment.

SECTION 3.02. *Pro Rata Redemption Among Series.* In any case of the redemption at the option of the University of less than all of the outstanding Bonds then subject to redemption, no Bonds of any series may be redeemed unless Bonds of each other series then subject to redemption are redeemed at the same time in proportion to the amount of each such Series originally issued; provided, however, that in any case of the redemption of all of the outstanding Bonds of any one or more series, as a result of or in anticipation of the refunding or refinancing of one or more such series by the application of funds derived from other borrowings or the issuance of additional Bonds hereunder, no Bonds of any other series need be redeemed unless so required in the resolution supplemental hereto, creating or authorizing any additional series of Bonds. Nothing in this section shall be deemed to restrict the redemption by the University of a portion of the Bonds of any Series out of surplus funds remaining in a Construction Fund Account held for the account of Bonds of such series in any case where the University is required or permitted to redeem such Bonds out of such surplus funds.

SECTION 3.03. *Selection of Bonds for Redemption.* In case the University shall have elected to redeem less than all of the outstanding Bonds of a single series and maturity, the Bonds to be redeemed shall be selected by lot except as herein otherwise expressly provided. In each such instance the University shall, at least five days before the date upon which the first publication of the notice of redemption hereinbefore mentioned is required to be made (or the mailing of such notice in case no publication is required as hereinafter specified), draw by lot, from the outstanding Bonds of such series and maturity, in any manner deemed by it proper, the identifying numbers of the Bonds to be redeemed. In any such selection by lot each Bond of a denomination in excess of \$1,000 shall be given a separate number for each \$1,000 of the principal amount thereof.

SECTION 3.04. *Deposit of Funds for Redemption.* Said notice having been given, as above provided, the Bonds designated for redemption shall, on the date specified in such notice, become due and payable, at the then applicable redemption price, and on or before the day preceding the date fixed for redemption the University shall deposit with the Continental Illinois National Bank and Trust Company of Chicago, or its successor in the City of Chicago, Illinois, as depository, the redemption price of the Bonds called for redemption and accrued interest thereon to the date fixed for redemption. Upon such deposit having been made and on presentation, if required, of such Bonds in accordance with such notice at the place at which the same are expressed in such notice to be redeemable, with all appertaining coupons, if any, maturing after said redemption date, such Bonds shall forthwith after the making of such deposit be paid by the depository, on behalf of the University, at such redemption price. Such payment of the redemption price shall be made to the bearer of any such Bonds, unless it shall then be registered, in which case such payment shall be made to the registered owner. All unpaid interest installments represented by coupons which shall have matured on or prior to the date of redemption specified in such notice, shall continue to be payable to the bearers, severally and respectively, and the redemption price payable to the holders of Bonds presented for redemption shall not include such unpaid installments of interest unless coupons representing such installments shall be attached to the Bonds presented for redemption.

SECTION 3.05. *Effect of Redemption.* If the amount necessary to redeem all of the Bonds called for redemption as aforesaid shall have been deposited with the paying agent, for the account of the holder or holders of such Bonds on or before the day preceding the date specified for such redemption, and the notice hereinbefore mentioned shall have been duly given, and all charges and expenses of the paying agent in connection with such redemption, or otherwise hereunder, shall have been fully paid or provided for, the University shall be privileged to consider such Bonds redeemed from the holder or holders thereof, and interest on such Bonds shall cease on the date specified for such redemption, and the University shall thereupon (subject to the provisions of Article Ten hereof) be discharged from and after the redemption date specified in such notice from further liability in respect of the Bonds so called for redemption, and thereafter such Bonds shall not be entitled to any benefit of or from this Resolution. In case

any question shall arise as to whether any such notice shall have been sufficiently given, or such redemption effected, such question shall be decided by the paying agent, and the decision of the paying agent shall be final and binding upon all parties in interest. No holder of any Bond shall be entitled to any interest on money deposited for the redemption of Bonds.

SECTION 3.06. *Cancellation of Bonds.* All Bonds redeemed and paid, as provided in this Article Three, shall, together with all coupons appertaining thereto, if any, be cancelled by the University and no Bonds or coupons so redeemed shall be reissued, nor shall any Bonds or coupons be issued in lieu thereof.

ARTICLE FOUR

ISSUANCE OF BONDS

SECTION 4.01. *Issuance of 1960 Series A and B Bonds.* Series A Bonds in the principal amount of Five Million Two Hundred Thousand Dollars (\$5,200,000) and Series B Bonds in the amount of Two Million Seven Hundred Fifty Thousand Dollars (\$2,750,000) shall be executed on behalf of the Board of Trustees and delivered to or upon the written order of the Comptroller.

SECTION 4.02. *Issuance of Additional Bonds.* Subject to the conditions and limitations hereinafter set forth and provided the University shall not at the time be in default under any of the terms, covenants or provisions of this Resolution, additional Bonds of equal rank with the 1960 Series A and B Bonds may be issued from time to time under the terms of this Resolution having such maturities, providing for the payment of such rates of interest and having such other characteristics as shall be determined by the Board of Trustees and set forth in a resolution to be supplemental hereto; *provided* such additional Bonds shall be issued only for one or more of the following purposes:

A. To provide funds necessary to pay the cost of completing the Project herein provided for in accordance with the plans and specifications now on file in the office of the Physical Plant Department, Administration Building, Urbana, Illinois, or

B. Paying the cost of equipping, enlarging or improving the Project and/or the existing Illini Union Building, provided that no Bonds may be issued for paying the cost of enlargements or improvements which would increase the size of the Project and the existing Illini Union Building combined (as measured in gross square feet of floor space) by more than twenty-five per cent (25%);

provided further that the following conditions precedent are complied with at or prior to the time of issuance of such additional Bonds:

(i) In the event additional Bonds are issued for the purposes indicated in clause A above to provide additional funds necessary to pay the cost of completing the Project, the Architects employed by the University for the construction of said Project have submitted a certificate to the Board of Trustees setting forth an itemized statement of the work completed to the date of said certificate, the cost thereof and an itemized statement of the work yet to be completed and the estimated cost of the work to be completed and such certificate of estimate shall be presented to and approved by said Board of Trustees preceding the adoption of any resolution authorizing the issuance of additional Bonds for such purpose, and

(ii) In the event additional Bonds are issued for the purpose of paying the cost of equipping, enlarging or improving the Project and/or the existing Illini Union Building as provided in clause B above, the Net Income Available for Debt Service shall be equal to or greater than one and thirty-five hundredths (1.35) times the maximum amount to become due in any succeeding fiscal year for the payment of principal and interest on the Bonds then outstanding hereunder and the Bonds then to be issued.

All such additional Bonds shall be issued pursuant to a resolution supplemental hereto, duly adopted by the Board of Trustees, setting forth the form of such additional Bonds and the terms and conditions applicable thereto. The final maturity of any additional Bonds issued in accordance with this Section shall not be earlier than the final maturity of any bonds then outstanding. For the purpose of this Section any computation of Net Income Available for Debt Service pre-

pared and certified by the Comptroller, setting forth in detail the computation thereof and demonstrating that it is equal to or greater than the amount required above shall be binding and conclusive upon the Board of Trustees and the holders of all Bonds then outstanding hereunder and then to be issued.

ARTICLE FIVE

PROVISIONS RELATING TO INCOME AND APPLICATION THEREOF

SECTION 5.01. *Illini Union and Health Center Bond Fund.* All revenues derived from the following sources are hereby pledged and shall be held in trust for the benefit of the Bond holders for the purpose of making the payments or deposits required to be made under subsections (a), (b) and (c) of Section 5.02 of this Resolution:

- (1) the operation of the present Illini Union Building in Urbana, Illinois,
- (2) the operation of the Project,
- (3) the operation of any other revenue producing facilities for the account of which additional Bonds may hereafter be issued; and
- (4) student service charges;

and such revenues shall be deposited as collected in a general banking account of the University to the credit of a special fund which is hereby created and designated as the "Illini Union and Health Center Bond Fund" said account to be maintained in a bank which is a member of the Federal Deposit Insurance Corporation and the Board of Trustees covenants that all revenues, income, receipts, profits, rates, rents or charges derived from the operation of such facilities shall be so credited within three working days after receipt in the Illini Union and Health Center Bond Fund and shall be used as provided in Section 5.02 hereof.

SECTION 5.02. *Disposition of Illini Union and Health Center Bond Fund.* The funds in the Illini Union and Health Center Bond Fund shall be used in the manner and in the order hereinafter mentioned:

(a) Funds in the Illini Union and Health Center Bond Fund representing revenues derived from student service charges shall first be used for the purpose of making the next succeeding deposit in the Bond and Interest Sinking Fund Account required to be made pursuant to subsection (b) below. All funds representing revenues derived from sources other than student service charges together with student service charges, if any, remaining after making the deposit in the Bond and Interest Sinking Fund of all amounts required to meet the next succeeding deposit required to be made by subsection (b) below, shall first be used to pay all current operating expenses and thereafter for the purposes specified in subsections (b), (c) and (d) below.

(b) There is hereby created an account to be designated the Illini Union and Health Center Bond and Interest Sinking Fund Account (herein sometimes called the "Bond and Interest Sinking Fund Account"), which shall be maintained with the Continental Illinois National Bank and Trust Company of Chicago or its successor in the City of Chicago, Illinois, which bank is hereby designated as the depository for said account. The University shall deposit in said Bond and Interest Sinking Fund Account on or before March 1 and September 1 of each year a sum equal to one hundred thirty-five per cent (135%) of the interest becoming due on the next semiannual interest payment date plus sixty-seven and one half per cent (67½%) of the principal payments becoming due on the next October 1, to be paid from the Illini Union and Health Center Bond Fund, until such time as such funds and investments (valued at the lower of cost or market), and the income and profits realized from any investments thereof are at least equal to the debt service requirements on all then outstanding Bonds for the then current fiscal year plus a debt service reserve in an amount equal to two hundred per cent (200%) of the annual amount to become due in the succeeding fiscal year for the payment of principal of and interest on all Bonds then outstanding and thereafter in a like manner such sums semiannually as may be necessary to meet the then current fiscal year's debt service and to maintain the aforesaid debt service reserve. Said funds shall be held and used for the payment of principal, interest and premium, if any, on the Bonds. For the purpose of this paragraph interest and principal accruing prior to the estimated completion date of the Project and deposited into the Bond and Interest Sinking Fund Account out

of the proceeds of the Bonds or from a Construction Fund Account shall not be deemed to be interest or principal to become due on the Bonds.

After setting aside funds for the payment of Bonds which have matured and for past due interest or interest coupons and for principal, accrued interest and premium, if any, on Bonds called for redemption but not paid, funds of the Bond and Interest Sinking Fund Account in excess of the principal and interest requirements for the next succeeding twelve (12) months may be invested by the depository from time to time by written order of the Comptroller in United States Government securities maturing not more than five (5) years from date of purchase. Funds held for interest and principal payments during the next succeeding twelve (12) months (excluding funds held for the payment of Bonds which have matured and for past due interest or interest coupons and for principal, accrued interest and premium, if any, on Bonds called for redemption but not paid) may be invested by the depository from time to time by written order of the Comptroller in United States Government securities maturing not later than ten (10) days prior to the next interest payment date.

(c) After setting aside all funds at the time required for the purposes specified in paragraph (a) above and all funds required to meet the next succeeding deposit required to be made by paragraph (b) above, into said Bond and Interest Sinking Fund Account, the University shall establish on its books an Improvement and Replacement Reserve to which there shall be credited in each fiscal year commencing with the fiscal year beginning July 1, 1962, the sum of not less than \$25,000 a year. Said Improvement and Replacement Reserve shall be used by the University for the purpose of paying the cost of unusual or extraordinary maintenance or repairs, renewals, replacements, and improvements, and the renovating, purchase or replacements, of furniture and equipment not paid as part of the ordinary and normal operating expenses of the facilities. Funds standing to the credit of said Improvement and Replacement Reserve may be invested by the Comptroller in United States Government securities until such time as funds are needed. In the event that there is any deficiency in the funds required to be deposited semiannually into the Bond and Interest Sinking Fund Account or there is a deficiency in the debt service reserve, as provided in paragraph (b) above, sufficient funds shall be transferred from the Improvement and Replacement Reserve and deposited in the Bond and Interest Sinking Fund Account to eliminate such deficiency.

(d) All funds remaining in said Illini Union and Health Center Bond Fund in any fiscal year after the full debt service reserve prescribed in subsection (b) of this Section has been provided for and after all provisions in subsections (a), (b) and (c) of this section have been met and all deficiencies have been made up, shall be deemed surplus moneys and shall be used for any of the following purposes: (1) for calling and redeeming the outstanding Bonds, which by their terms are redeemable prior to maturity; (2) for purchasing Bonds in the open market, with all unmatured interest coupons thereto attached at the lowest prices reasonably attainable, but not exceeding the amount at which such Bonds at the time are redeemable; (3) for investment by the Comptroller in United States Government securities until such time as funds are needed for other purposes; (4) for unusual or extraordinary repairs, replacements or improvements to the facilities, for which no funds can be properly provided in subsection (a) above or which are in excess of the amount available therefor in the Improvement and Replacement Reserve; and (5) for any lawful purpose as the Board of Trustees may direct.

ARTICLE SIX

APPLICATION OF PROCEEDS OF SALE OF BONDS

SECTION 6.01. *Custody and Application of Bond Proceeds.* The proceeds from the sale of Bonds to be issued from time to time hereunder shall be applied only toward the cost of acquiring, constructing, equipping, enlarging, or improving facilities, all as hereinbefore provided. When received, the part of the purchase price of Bonds representing the interest accrued on Bonds to the date of payment of such purchase price, together with such portion of the proceeds of the Bonds as is determined by the Board of Trustees to be necessary to be so set apart

representing interest and principal, if any, to become due on such Bonds prior to the time the facilities for the account of which such Bonds have been issued become revenue producing and funds become available therefrom, shall be deposited in the Bond and Interest Sinking Fund Account. The remaining part of such purchase price shall be retained by the University and accounted for as a separate fund or funds to be known as a "Construction Fund Account" and such monies shall be deposited in a bank or banks which are members of the Federal Deposit Insurance Corporation. The monies in each Construction Fund Account shall be applied only toward the cost of construction in the manner and subject to the terms provided in any contract or agreement between the Board of Trustees and any purchaser of Bonds or as may be provided by a resolution supplemental hereto and relating to each separate series of Bonds to be issued hereunder, but in such a manner as to assure completion of the project or improvement for the account of which such Bonds were issued free and clear of mechanic's liens and substantially in accordance with the plans and specifications therefor.

SECTION 6.02. *Investment of Construction Fund.* Pending disbursement for the purpose aforesaid the Comptroller may from time to time invest all or any part of the moneys in the Construction Fund Account not to be needed within the next succeeding thirty (30) days for the purposes hereinabove set forth in bonds, or other direct and general obligations of the United States of America having a maturity date or becoming due at the option of the holder not more than eighteen (18) months subsequent to the date of investment therein. Interest accruing as a result of any such investments when received shall be credited to the Construction Fund Account.

SECTION 6.03. *Disposition of Surplus Funds.* After completion of each construction or improvement project, the Comptroller of the University shall execute a certificate to the effect that said project has been fully completed according to the plans and specifications and the same filed in the office of the Secretary of the Board of Trustees. Subject to the terms and provisions of any contract or agreement between the Board of Trustees and any original purchaser of Bonds and relating to any separate series of Bonds to be issued hereunder, if there be funds remaining in a Construction Fund Account at the time of the filing of such certificate with the Secretary, said funds shall be withdrawn by the Comptroller and deposited in the Bond and Interest Sinking Fund Account. Any contract or agreement between the Board of Trustees and any original purchaser of Bonds may provide that any funds remaining in a Construction Fund Account established for the account of any series of Bonds being acquired by such purchaser be applied to the redemption of such Bonds or other Bonds then subject to redemption or to the purchase of Bonds on the open market.

ARTICLE SEVEN

ADDITIONAL COVENANTS OF THE UNIVERSITY

The Board of Trustees of the University of Illinois hereby covenants and agrees as follows:

SECTION 7.01. *Authority for Bonds.* That it is duly authorized under the laws of the State of Illinois and under all other applicable provisions of law to create and issue the Bonds herein provided for, and to pledge and apply the net income of the facilities and student service charges as herein provided; that all corporate and other action on its part for the creation and issuance of the initial issue of Bonds has been duly taken; that said Bonds when issued and in the hands of the holders thereof will be valid and enforceable obligations of the University according to the import thereof; that this Resolution is and will remain a valid Resolution to secure the payment of said Bonds and that the University has complete and lawful authority and privilege to acquire, construct, equip, operate, enlarge, improve, maintain, control and manage the facilities as herein provided.

SECTION 7.02. *Right to Use and Occupancy of the Facilities and Not to Encumber Same.* That it hereby warrants that it has a valid and existing right to the use and occupancy of the facilities and the sites thereof and the right to construct, equip, operate, enlarge, improve, maintain, control and manage the facilities and it, or the State of Illinois, has indefeasible title in fee simple to the sites of the facilities subject only to current taxes not in default; that it will not further encumber said property or the income therefrom and that it will not, while any

Bonds are outstanding hereunder encumber the title to or pledge or agree to pay to others the income from any of the said facilities; that it will within three months after the same shall accrue pay and discharge or cause to be paid and discharged, all lawful claims and demands of mechanics, laborers and others which if unpaid might by law become liens upon the facilities or the sites thereof unless contested in good faith and by appropriate legal proceedings. Any assessment or attempt to assess property shall not be considered an encumbrance within the meaning of this section so long as the University takes proper action to prevent judgment being entered against said property. Nothing contained in this Resolution shall be construed to prevent the University from using any portion of land included in a project site, other than the specific land on which the facilities are located, for any lawful purposes so long as the use and occupancy of the facilities are not impaired.

SECTION 7.03. *To Pay Principal and Interest.* That it will duly and punctually pay or cause to be paid the principal sum and the interest accruing on said principal, on each and every one of the Bonds secured or to be secured hereby, at the dates and places, and in the manner provided in said Bonds, and in the coupons thereunto appertaining, according to the terms thereof.

SECTION 7.04. *Taxes.* That it will pay and discharge all taxes, assessments and Governmental charges which shall be imposed upon the facilities provided, however, that the University shall not be required to pay any such tax, assessment, charge or claim so long as the University in good faith and by appropriate legal proceedings shall contest the validity thereof or its enforceability as a lien, and provided further that any such delay occasioned thereby shall not subject the facilities or any part thereof to forfeiture or sale.

SECTION 7.05. *Payment of Bondholders' Costs and Expenses.* That it will pay all and singular the costs, charges and expenses including reasonable attorney fees incurred or paid at any time by the holder of any of the Bonds because of the failure on the part of the University to perform, comply with and abide by each and every of the stipulations, agreements, conditions and covenants of the Bonds and this Resolution, or either of them.

SECTION 7.06. *Construction of New Facilities, Maintenance, Repairs, Application of Income, Operation of Additional Facilities.* That following the issuance of each series of Bonds under this Resolution it will cause the facilities for the account of which such Bonds were issued to be constructed with all reasonable dispatch; that it will at all time from income made available for such purpose maintain, preserve and keep all the facilities and all additions and betterments thereto and every part and parcel thereof in good repair, working order and operating condition; that it will continuously operate the facilities on a revenue producing basis; and that it will use and apply the income from the facilities only as provided in Article Five of this Resolution.

SECTION 7.07. *Student Service Charges and Rental Rates.* That so long as any Bonds herein authorized to be issued shall remain outstanding it will continuously operate and maintain the facilities, will adopt such rules and regulations and fix and maintain such student service charges, rates, rents, fees, and charges for the use of said facilities, as will assure maximum use of the facilities and will provide revenue sufficient to provide and maintain the aforesaid Bond and Interest Sinking Fund Account and the required reserves therefor, to pay the reasonable cost of operating and maintaining the facilities and to provide and maintain the Improvement and Replacement Reserve, and that it will collect and account for and apply the aforesaid income and revenues in accordance with and as provided by this Resolution.

SECTION 7.08. *Record Keeping.* That it will, so long as any of the Bonds issued hereunder remain outstanding and unpaid, keep proper and separate books of accounts and records in which full, true and correct entries will be made of all dealings and transactions relating to the properties, business and financial affairs of the University as related to the facilities and such records and books shall be open to inspection by the Bond holders and their agents or representatives.

SECTION 7.09. *Audit Reports and Furnishing of Same.* That it will on or before one hundred fifty (150) days after the end of each fiscal year commencing with the fiscal year ending June 30, 1961, cause to be prepared and will furnish to the depository and (upon written request therefor) to the holder or

holders of any Bonds, certified reports of audit based on an examination sufficiently complete to comply with generally accepted auditing standards, prepared by a nationally recognized firm of independent public accountants, covering the operations of the facilities for the fiscal year next preceding, and showing the income and expenses for such period. Such audit report shall include a statement in reasonable detail of income from and expense of each separate facility and shall show the student enrollment of the University and the schedule of student service charges. Such audit report shall also include statements of the status of each fund, reserve or account established under the terms of Article Five hereof showing the amount and source of the deposits therein, the amount and purpose of the withdrawals therefrom and the balance therein at the beginning and end of the fiscal year. There will also be included with each audit report a written opinion of the accountant that in making the examination necessary to said audit no knowledge of any default by the University in the fulfillment of any of the terms, covenants, provisions and conditions of this Resolution was obtained, or, if such accountant shall have obtained knowledge of such default a statement of the default or defaults thus discovered and the nature thereof.

SECTION 7.10. *Fire and Extended Coverage Insurance.* That as long as any of said Bonds authorized to be issued hereunder shall remain outstanding and unpaid, either as to principal or interest, or both, it will maintain insurance on said facilities, including all equipment thereof, against loss or damage by fire and windstorm and all other risks included in extended coverage insurance in amounts sufficient to provide for not less than full recovery of the insurable value whenever the loss from causes covered by such insurance does not exceed eighty per cent (80%) of the full insurable value of said buildings. Such insurance policy or policies shall be payable to The Board of Trustees of the University of Illinois, and all moneys collected on account of loss or damage covered by any such policy or policies of insurance shall be held in trust by the Board of Trustees and shall be used only for restoration of the property so damaged or, at the election of the Board of Trustees, deposited for credit to the Bond and Interest Sinking Fund Account.

SECTION 7.11. That as long as the funds and investments of the Bond and Interest Sinking Fund Account are less than the maximum debt service reserve required to be maintained under Section 5.02 (b) of this Resolution, it will procure and maintain Business Interruption Insurance on the Illini Union Building in an amount not less than two years' debt service requirements. Such insurance policy or policies shall be payable to The Board of Trustees of the University of Illinois and all moneys collected on account of loss covered by any such insurance shall be held in trust by the Board of Trustees and credited to the Illini Union and Health Center Bond Fund.

ARTICLE EIGHT

EVENTS OF DEFAULT

SECTION 8.01. *Events of Default.* The University shall be in default herein if one or more of the following events (herein called "events of default") shall happen, to-wit:

(a) Failure to make due and punctual payment of the principal of or any redemption premium on any Bond when and as the same shall become due and payable;

(b) Failure to make due and punctual payment of any installment of interest on any Bond when and as such interest installment shall become due and payable, and such default shall have continued for a period of thirty (30) days;

(c) Failure to make due and punctual payment or satisfaction of any payment into the Bond and Interest Sinking Fund Account when and as such payments shall become due and payable as in this Resolution or any resolution supplemental hereto expressed and such default shall have continued for a period of one hundred eighty (180) days;

(d) If the University shall default in the observance of any other covenants, agreements or conditions on its part in this Resolution or any resolution supplemental hereto or in the Bonds contained, and such default shall have continued for a period of ninety (90) days after notice thereof

given to the University by the holder of any Bond setting forth the nature of such default.

If an event of default shall happen and be continuing, then and in each and every such case the holders of not less than a majority in aggregate principal amount of the Bonds at the time outstanding shall be entitled, upon notice in writing to the University, to declare the principal of all of the Bonds then outstanding hereunder and the interest accrued thereon to be due and payable immediately, and upon any such declaration the same shall become and shall be immediately due and payable, anything in this Resolution or in the Bonds contained to the contrary notwithstanding.

All of the revenues of the facilities including all sums in the Illini Union and Health Center Bond Fund upon the date of the happening of any event of default and all revenues of the facilities thereafter received by the University, shall be applied by the University in the order following upon presentation of the several Bonds and coupons, and the stamping thereon of the payment if only partially paid, or upon the surrender thereof if fully paid:

First, to the payment of the costs and expenses of the holders of the Bonds in declaring such event of default, including reasonable compensation to their agents, attorneys and counsel;

Second, in case the principal of the Bonds shall not have become due and shall not then be due and payable, to the payment of the interest in default in the order of the maturity of the installments of such interest, with interest on the overdue installments at the rate now or hereafter provided by law, such payments to be made ratably to the persons entitled thereto without preference or priority;

Third, in case the principal of the Bonds shall have become due and shall be then due and payable, to the payment of the whole amount then owing and unpaid upon the Bonds for principal and interest, with interest on the overdue principal at the rate or rates of interest specified in the Bonds and on installments of interest at the rate now or hereafter provided by law, and in case such moneys shall be insufficient to pay in full the whole amount so owing and unpaid upon the Bonds, then to the payment of such principal and interest without preference or priority of principal over interest, or of interest over principal, or of any installment of interest over any other installment of interest, ratably to the aggregate of such principal and interest.

SECTION 802. Rights of Holders of Bonds Upon Default. Subject to any contractual limitations binding upon the holders of any of the Bonds (including any other limitations herein upon the exercise of any remedy to holders holding a specific proportion or percentage of the Bonds), any holder of Bonds shall have the right, for the equal benefit and protection of all holders of Bonds similarly situated:

(a) By suit at law or proceedings in equity to compel observance by the University or by any of its officers, agents, and employees of any contract or covenant made by the University with the holders of bonds and coupons as provided in this Resolution, and to compel the University and any of its officers, agents and employees, to perform any duties required to be performed for the benefit of the holders of the Bonds or coupons as provided by this Resolution, and to enjoin the University and any of its officers, agents or employees from taking any action in conflict with any contract or covenant with the holders of the Bonds and coupons as provided by this Resolution;

(b) By action or suit in equity to require the University to account as if it were the trustee of an express trust; or

(c) By action or suit in equity to enjoin any acts or things which may be unlawful or in violation of the rights of the holders of Bonds.

No remedy conferred hereby upon any holder of Bonds is intended to be exclusive of any other remedy, but each such remedy is cumulative and in addition to every other remedy and may be exercised without exhausting and without regard to any other remedy conferred hereby. No waiver of any default or breach of duty or contract by the holder of any Bond shall extend to or shall affect any subsequent defaults or breach of duty or contract or shall impair any

rights or remedies thereon. No delay or omission of the holder of any Bond to exercise any right or power accruing upon any default shall impair any such right or power or shall be construed to be a waiver of any such default or acquiescence therein. Every substantive right and every remedy conferred upon the holders of Bonds may be enforced and exercised from time to time and as often as may be deemed expedient. In case any suit, action or proceeding to enforce any right or exercise any remedy shall be brought or taken and then discontinued or abandoned, or shall be determined adversely to the holders of Bonds, then, and in every such case, the University and the holders of Bonds shall be restored to their former positions and rights and remedies as if no such suit, action or proceeding had been brought or taken.

ARTICLE NINE

MODIFICATION AND AMENDMENT OF THE RESOLUTION

SECTION 9.01. Amendment by Consent of Bond Holders. This Resolution and the rights and obligations of the University and of the holders of the Bonds and coupons may be modified or amended at any time by resolution supplemental hereto adopted by the Board of Trustees pursuant to the affirmative vote of the holders of sixty-six and two-thirds per cent ($66\frac{2}{3}\%$) in principal amount of all of the Bonds then outstanding at a meeting of Bond holders held in accordance with this Article, or with the written consent without a meeting, given as provided in Section 9.04, of the holders of sixty-six and two-thirds per cent ($66\frac{2}{3}\%$) in principal amount of all of the Bonds then outstanding; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on, or otherwise alter or impair the obligation of the University to pay the principal or interest or redemption premiums at the time and place and at the rate and in the currency provided therein of any Bond without the express consent of the holder of such Bond, or (ii) permit the creation by the University of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held hereunder, except as permitted by this Resolution, other than the lien and pledge created by this Resolution, or (iii) permit the creation of a preference or priority of any Bond or Bonds over any other Bond or Bonds or coupon or coupons, or (iv) reduce the percentages of Bonds required for the affirmative vote or written consent to an amendment or modification, without the written consent of holders of all Bonds.

SECTION 9.02. Bond Holders Meetings. The University may at any time call a meeting of the holders of Bonds. Every such meeting shall be held at such place in the City of Chicago, State of Illinois, as may be specified in the notice calling such meeting. Written notice of such meeting, stating the place and time of the meeting and in general terms the business to be submitted, shall be given by the University to the holders of all Bonds outstanding hereunder by registered or certified mail, postage prepaid, not less than thirty (30) nor more than sixty (60) days before such meeting, to each registered owner of Bonds then outstanding, at his address, appearing upon the books of registration, and in the event there shall then be outstanding any coupon Bonds which shall not be registered as to principal such notice shall also be published by the University at least once a week for two (2) successive weeks in a daily newspaper published in the English language and having a general circulation in the City of Chicago, State of Illinois, and also by similar publication in a financial newspaper published in the Borough of Manhattan in the City and State of New York, the first publication to be not less than thirty (30) nor more than sixty (60) days prior to the meeting; provided, however, that in any case where publication shall be required as herein before set forth the mailing of such notice shall in no case be a condition precedent to the validity of any action taken at any such meeting.

SECTION 9.03. Attendance in Person or by Proxy. Attendance and voting by Bond holders at such meeting may be in person or by proxy. Owners of Registered Bonds may, by an instrument in writing under their hands, appoint any person as their proxy to vote at any meeting for them.

In order that holders of Bonds payable to bearer or their proxies may attend and vote without producing their Bonds, the University may make and from time to time vary such regulations as it shall think proper for the deposit

of Bonds with, or exhibit of Bonds to, any banks or trust companies wherever situated, and for the issue by them, to the persons depositing or exhibiting such Bonds, of certificates in form approved by the University which shall constitute proof of ownership entitling the holders thereof to be present and vote at any such meeting and to appoint proxies to represent them and vote for them at any such meeting in the same way as if the persons so present and voting, either personally or by proxy, were the actual bearers of the Bonds in respect of which such certificates shall have been issued, and any regulations so made shall be binding and effective. Copies of such regulations shall be kept on file in the offices of the paying agent in Chicago, Illinois, and the Secretary of the University.

Any registered owner of Bonds or any holder of a certificate provided for in this Section 9.03 shall be entitled in person or by proxy to attend and vote at such meeting as holder of the Bonds registered or certified in his name, without producing such Bonds. All others seeking to attend or vote at such meeting in person or by proxy must produce the Bonds claimed to be owned or represented at such meeting, and all persons seeking to attend or vote at such meeting in person or by proxy shall, if required, produce such further proof of Bond ownership or personal identity as shall be satisfactory to the University. All proxies presented at any meeting shall be delivered to the inspectors of votes and filed with the University.

SECTION 9.04. Amendments by Written Consent of Bond Holders. The University may at any time adopt a valid resolution amending the provisions of the Bonds or of this Resolution or of any resolution supplemental hereto, to the extent that such an amendment is permitted by the provisions of Section 9.01, to take effect when and as provided in this Section. A copy of such resolution, together with a request of the University to Bond holders for their consent thereto, shall be mailed by the University to each registered owner of Bonds and notice of the adoption thereof shall be published in the manner provided in Section 9.02 for the mailing and publication referred to in that Section (but failure to mail copies of such resolution and request shall not affect the validity of the resolution when assented to as in this Section provided). Such resolution shall not be effective unless and until there shall have been filed with the University the written consents of the percentage of holders of outstanding Bonds specified in Section 9.01. Each such consent shall be effective only if accompanied by proof of ownership of the Bonds for which such consent is given, which proof shall be such as is permitted by Section 9.03. Any such consent shall be binding upon the holder of the Bonds giving such consent and on any subsequent holder of such Bonds (whether or not such subsequent holder has notice thereof).

SECTION 9.05. Supplemental Resolutions or Amendments Without Consent of Bond Holders. The Board of Trustees may from time to time and at any time, subject to the conditions and restrictions in this Resolution contained, but without requiring the consent of the holders of any of the Bonds, adopt a resolution or resolutions supplemental hereto, which shall thereafter form a part hereof for any one or more or all of the following purposes:

(a) To add to the covenants and agreements of the University in this Resolution contained, other covenants and agreements thereafter to be observed and/or to surrender any right or power herein reserved to or conferred upon the Board of Trustees;

(b) To clarify any ambiguity or to clarify, correct or supplement, any defect or inconsistent provision contained in this Resolution or any resolution supplemental hereto; and

(c) To provide for the issuance of additional Bonds hereunder upon the terms and conditions in this Resolution specified.

SECTION 9.06. Endorsement of Bonds. Bonds delivered after the effective date of any action taken as provided in this Article Nine may bear a notation by endorsement or otherwise in form approved by the University as to such action, and in that case upon demand of the holder of any Bond outstanding at such effective date and presentation of his Bond for the purpose at the office of the Comptroller of the University a suitable notation shall be made on such Bond by the University as to any such action. If the University shall so deter-

mine, new Bonds so modified as to conform to such action shall be prepared and delivered, and upon demand of the holder of any Bond then outstanding shall be exchanged at the office of the Comptroller of the University, without cost to any Bond holder, for Bonds then outstanding, upon surrender of such Bonds with all unmatured coupons, if any, appertaining thereto.

SECTION 9.07. *Exclusion of Bonds.* Bonds owned or held by or for the account of the University shall not be deemed outstanding for the purpose of any vote or consent or other action or any calculation of outstanding Bonds in this Article provided for, and shall not be entitled to vote or consent or take any other action in this Article provided for.

ARTICLE TEN

MISCELLANEOUS

SECTION 10.01. *Benefits of Bond Holders Limited to Parties.* Nothing in this Resolution, expressed or implied, is intended or shall be construed to confer upon, or to give to, any person, firm or corporation other than the University and the holders of the Bonds and of the coupons outstanding, any right, remedy or claim under or by reason of this Resolution, and any covenants, stipulations, promises and agreements in this Resolution contained by and on behalf of the University shall be for the sole and exclusive benefit of the University and of the holders of Bonds and of the coupons outstanding.

SECTION 10.02. *Successor Is Deemed Included in All References to Predecessor.* Whenever in this Resolution or any resolution supplemental hereto either the University or the paying agent is named or referred to, such reference shall be deemed to include the successors or assigns thereof, and all the covenants and agreements in this Resolution contained by or on behalf of the University shall bind and inure to the benefit of the respective successors and assigns thereof whether so expressed or not.

SECTION 10.03. *Discharge of Resolution.* If all of the outstanding Bonds shall have matured, or shall have been duly called for redemption and the redemption date thereof shall have arrived, and if the University shall have deposited with the depository in trust, funds pursuant to this Resolution sufficient to pay and available for the payment of all amounts due on all Bonds then outstanding, including all principal, interest and redemption premiums, if any, and provision shall also be made for paying all other sums payable hereunder by the University, then, notwithstanding that any Bonds or interest coupons shall not have been surrendered for payment, the pledge of the income provided for in this Resolution and all other obligations of the University under this Resolution shall cease and terminate except as hereinafter in the next succeeding paragraph provided.

Any such funds held by the depository which have not been disbursed in the payment of Bonds and interest as aforesaid during the period of ten (10) years after the deposit referred to in the foregoing paragraph, shall be repaid to the University by the paying agent on written request of the University together with the schedule of the Bonds not paid or redeemed and thereupon the holder of any of the Bonds or coupons entitled to receive such payments, shall thereafter look only to the University for the payment thereof; provided, however, that the depository before being required to make such repayment, shall at the expense of the University, effect publication once a week for two successive weeks in a daily newspaper published in the English language, and having a general circulation in the City of Chicago, State of Illinois, and also by a similar publication in the Borough of Manhattan in the City and State of New York, a notice to the effect that said moneys have not been so applied and that after a date named in said notice, any unclaimed balance of said moneys then remaining will be refunded to the University.

No Bond or appurtenant coupon shall, after maturity thereof either according to its terms or through call of such Bond for earlier redemption, be deemed to be outstanding provided that moneys in the requisite amount for the payment thereof shall have been deposited with the depository, as trust funds, and are available for payments of such Bond or coupon upon demand.

SECTION 10.04. *Execution of Documents by Bond Holders.* Any request, declaration or other instrument which this Resolution may require or permit to

be signed and executed by Bond holders may be in one or more instruments of similar tenor, and shall be signed or executed by Bond holders in person or by their attorneys-in-fact appointed in writing.

Except as otherwise herein expressly provided, the fact and date of the execution by any Bond holder or his attorney-in-fact of such request, declaration or other instrument or writing appointing such attorney-in-fact may be proved by the certificate of any notary public or other officer authorized to take acknowledgments of deeds to be recorded in the State in which he purports to act, that the person signing such request, declaration or other instrument or writing acknowledged to him the execution thereof, or by an affidavit of a witness of such execution, duly sworn to before such notary public or other officer.

Except as otherwise herein expressly provided in this Resolution, the amount of Bonds transferable by delivery held by any person executing such request, declaration or other instrument or writing as a Bond holder, and the numbers thereof, and the date of his holding such Bonds, may be proved by a certificate, which need not be acknowledged or verified, satisfactory to the University, executed by a trust company, bank, investment banker, dealer, broker or other depository wherever situated, showing that at the date therein mentioned such person exhibited to or had on deposit with such depository the Bonds described in such certificate. Continued ownership after the date of deposit stated in such certificate may be proved by the presentation of such certificate if the certificate contains a statement by the depository that the Bonds therein referred to are in fact held on deposit by such depository and will not be surrendered without the surrender of the certificate to the depository. The University may nevertheless in its discretion require further or other proof in cases where it deems the same desirable. The ownership of registered Bonds and the amount, maturity, number and date of holding the same shall be proved by the registry books.

Any request, declaration or other instrument or writing of the owner of any Bond shall bind all future owners of such Bond in respect of anything done or suffered to be done by the University hereunder in good faith and in accordance therewith.

SECTION 10.05. *Waiver of Personal Liability.* No officer, agent or employee of the University shall be individually or personally liable for the payment of the principal of or interest on the Bonds; but nothing herein contained shall relieve any such officer, agent or employee from the performance of any official duty provided by law.

SECTION 10.06. *Official Publication.* Any publication to be made under the provisions of this Resolution in successive weeks may be made in each instance upon any business day of the week and need not be made on the same day of any succeeding week nor in the same newspaper for any or all of the successive publications, but may be made in different newspapers.

SECTION 10.07. *Partial Invalidity.* If any one or more of the covenants or agreements, or portions thereof, provided in this Resolution should be contrary to law, then such covenant or covenants, such agreement or agreements or such portions thereof, shall be null and void and shall be deemed separable from the remaining covenants and agreements or portions thereof and shall in no way affect the validity of this Resolution or of the Bonds.

SECTION 10.08. *Headings and Index.* Any headings preceding the texts of the several articles hereof and any table of contents appended to copies hereof shall be solely for convenience of reference and shall not constitute a part of this Resolution, nor shall they affect its meaning, construction or effect.

SECTION 10.09. *Covenants Not to Be Deemed Covenants of Any Present or Future Officer, Agent or Employee of University.* All covenants, stipulations, obligations and agreements of the University contained in this Resolution shall be deemed to be covenants, stipulations, obligations and agreements of the University to the full extent authorized by law and permitted by the Constitution of the State of Illinois, and no covenants, stipulations, obligations or agreements contained herein shall be deemed to be a covenant, stipulation, obligation or agreement of any present or future officer, agent or employee of the University in his individual capacity, and no officer executing the Bonds shall be liable personally on the Bonds or be subject to any personal liability or accountability by

reason of the issue thereof. No officer, agent or employee of the University shall incur any personal liability in acting or proceeding or in not acting or not proceeding in good faith, reasonably and in accordance with the terms of this Resolution and applicable law.

SECTION 10.10. *Resolution Effective on Passage.* This Resolution shall become effective upon its passage.

STATE OF ILLINOIS }
COUNTY OF CHAMPAIGN } ss.

I, _____, do hereby certify that I am the duly elected, qualified and acting Secretary of The Board of Trustees of the University of Illinois, and as such official have charge and custody of the minutes and records of said Board of Trustees.

I further certify that the attached resolution is a true, correct and exact copy of the original resolution adopted by The Board of Trustees of the University of Illinois at its legally convened meeting held on the _____ day of _____, 19____, all as appears of record in my office.

IN WITNESS WHEREOF I have hereunto set my hand and the seal of said University this _____ day of _____, 19____.

Secretary as aforesaid.

On motion of Mr. Swain, the foregoing resolution was adopted, the vote thereon being: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton; not voting, Mr. Herrick. (Mr. Herrick was temporarily absent from the meeting room when the vote on this resolution was taken. — Secretary's Note.)

Resolution

WHEREAS, Section 7.07 of the Resolution of this Board of Trustees authorizing and providing for the issuance of \$7,950,000 Illini Union and Health Center Bonds, Series A and B of 1960, duly adopted December 21, 1960, provides that the Board of Trustees will adopt such rules and regulations and fix and maintain such student service charges (as defined in said Resolution), rates, rentals, fees, and charges for the use of the facilities referred to therein as will assure maximum use of said facilities and provide revenue sufficient to provide and maintain the Bond and Interest Sinking Fund Account and the required reserves therefor and to pay the reasonable cost of operating and maintaining facilities and to provide and maintain the Improvement and Replacement Reserve; and

WHEREAS, The Board of Trustees of the University of Illinois desires to comply with the above cited provisions and to adopt certain rules and to provide for certain charges applicable to the operation of the facilities;

Now, Therefore, Be It and It Is Hereby Resolved by the Board of Trustees of the University of Illinois that the officers and management of the University be and they are hereby authorized and directed in the operation of the Illini Union and the Health Center buildings to carry out the following rules:

RULE 1. The properties of the Illini Union and the Health Center buildings in the preambles hereof referred to as the "facilities" shall be continuously operated at all times when the University is in session.

RULE 2. Subject to further action of the Board of Trustees the initial student service charge for the use of the facilities shall be \$10.00 per regular school semester and shall be charged to each student enrolled for credit and in attendance on the Urbana Campus of the University (exclusive of students holding staff appointments and those carrying one unit or five hours or less of work) for use of the facilities. Appropriate adjustments of said student service charge may be made for part time students and for the summer session and further adjustment shall be made in said student service charge for the use of said facilities beginning with the fall semester of 1962 when it is estimated that the addition to the Illini Union and the Health Center will be ready for occupancy.

No student shall be admitted to enrollment in any department of the University at the Urbana Campus unless such student service charge shall be first or simultaneously paid or appropriate provision made for such payment.

RULE 3. Insofar as rentals, rates, fees, and other charges are consistent with the maximum use of the facilities, including the cafeteria dining facilities located and to be located in the Illini Union building, such rates and charges to be made in connection therewith shall be from time to time established and maintained as shall result in net income sufficient, together with the student service charges, as will provide revenue sufficient to provide and maintain the Bond and Interest Sinking Fund Account and the required reserves therefor and to pay the reasonable cost of operating and maintaining facilities and to provide and maintain the Improvement and Replacement Reserve.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton; not voting, Mr. Herrick. (Mr. Herrick was temporarily absent from the meeting room when the vote on this resolution was taken. — Secretary's Note.)

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(11) The Vice-President and Provost and the Vice-President and Comptroller recommend the following appropriations from the University General Reserve:

1. Department of Food Technology, purchase of a portable steel-paneled building for the poultry farm.....	\$ 8 000
2. Department of Mining and Metallurgical Engineering, completion of remodeling in the Physics Building and Mining Laboratory.....	4 200
3. Department of Electrical Engineering, moving biophysical laboratory equipment.....	6 000
4. College of Veterinary Medicine, laboratory equipment.....	8 000
5. College of Physical Education, remodeling in Huff Gymnasium for relocation of Department of Recreation offices.....	3 500
6. Physical Plant Department, remodeling Office of Public Information and Vice-President and Provost's Office.....	5 650
7. Physical Plant Department, remodeling conference room in building at 1205 West Oregon Street, Urbana.....	3 200
8. Physical Plant Department, remodeling in Lincoln Hall to provide a research laboratory for Department of Anthropology.....	2 700
9. Physical Plant Department, moving expenses in relocating departments upon reassignment of space.....	6 000
10. Chicago Undergraduate Division, remodeling.....	16 850
<i>Total</i>	<i>\$64 100</i>

I concur.

On motion of Mr. Hughes, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

CONTRACT FOR CAMPUS BUS SERVICE

(12) The Board of Trustees authorized a contract with the Champaign-Urbana City Lines, Inc. for a campus bus service for students and staff for a trial period which will expire in January. The experiment has proved successful so far and it is recommended that the Board authorize the extension of this contract for such period and on such terms as are mutually satisfactory, provided that the University's obligation to make up any deficiency in the cost of operation of this service will not exceed the previously authorized figure of \$5,750.

At the request of the President, Director Havens made a report on the bus operations for the period November 14 through December 16, 1960. A copy of this report is being filed with the Secretary of the Board for record.

On motion of Mr. Hughes, the extension of this contract was authorized as recommended.

**CONTRACT FOR CONSTRUCTION OF STEAM TUNNEL
UNDER GREEN STREET**

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$35,600 to Parro Construction Corporation, 703 East University Avenue, Urbana, Illinois, the lowest bidder, for the construction of an underground steam tunnel crossing Green Street at Goodwin Avenue in Urbana.

Funds are available in an appropriation made for this project by the Board on September 21, 1960.

I concur.

On motion of Mrs. Watkins, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT AND APPROPRIATION FOR LIGHTNING PROTECTION
SYSTEM IN MEMORIAL STADIUM**

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$3,740 to Thomas Fleming Company, Chicago, the lowest bidder, for construction and improvements in the Memorial Stadium lightning protection system.

The full cost of these improvements, which will have to be borne by the University, including this contract, architectural engineering services, the cost of advertising for bids and insurance, is \$5,500, and an assignment from the University General Reserve is necessary.

Submitted herewith is a report from the Physical Plant Department including a list of the bids received, and a copy is being filed with the Secretary of the Board for record.

I recommend award of the contract and an assignment of \$5,500 for this purpose.

On motion of Mr. Clement, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT FOR REMODELING FOR DEPARTMENT
OF OPHTHALMOLOGY IN THE RESEARCH
AND EDUCATIONAL HOSPITALS**

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$16,987 to the Mueller Construction Company, Chicago, the lowest bidder, for remodeling of nine rooms in the Research and Educational Hospitals to provide more adequate and modern facilities.

Funds are available in a nonrecurring appropriation made by the Board.

I concur.

On motion of Mr. Swain, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT FOR METAL PARTITIONS IN EAST
DENTISTRY-MEDICINE-PHARMACY BUILDING**

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$4,772 to the E. F. Hauserman Company, Chicago, the lowest bidder, for the installation of metal partitions on the second and third floors of the East Dentistry-Medicine-Pharmacy Building to provide additional office space for the College of Pharmacy.

Funds are available in a nonrecurring appropriation made by the Board.

I concur.

On motion of Mr. Harewood, this contract was awarded by the

following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT FOR LABORATORY FURNITURE FOR FIRST UNIT
OF DENTISTRY-MEDICINE-PHARMACY BUILDING**

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$3,777.65 to the J. J. Lane Equipment Company, Chicago, the lowest bidder, for laboratory furniture for a room in the first unit of the Dentistry-Medicine-Pharmacy Building.

The work will consist of furnishing and installing laboratory furniture as part of the remodeling of Room 505 for the development of a research laboratory for the Department of Anatomy. The room, formerly occupied by the Animal Hospital for storage of animals, was vacated when the Animal Hospital moved into the Medical Research Laboratory Building. The remodeling required and utilities connections for the equipment will be done under a separate contract.

Funds are available in a matching grant received from the National Science Foundation, from a nonrecurring appropriation previously authorized by the Board, and from Department of Anatomy funds.

I concur.

On motion of Mr. Hughes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**AMENDMENT OF CONTRACT FOR STEAM SERVICE
TO PRESBYTERIAN-ST. LUKE'S HOSPITAL**

(18) The University supplies steam service from the Medical Center Steam Company to Presbyterian-St. Luke's Hospital under a contract with the latter which provides for delivery of steam at one point adjacent to the Presbyterian Nurses' Home on the west side of Hermitage Avenue south of Harrison Street. Steam meters are located in a junction vault at this point from which underground piping delivers the steam to the various hospital buildings. The University and the Steam Company have no responsibility for operation and maintenance of the system beyond the junction vault.

Presbyterian-St. Luke's Hospital is constructing a student apartment building east of Hermitage Avenue and north of Flournoy Street. The location of this building will make it uneconomical to supply steam to it from the junction vault and Presbyterian-St. Luke's Hospital proposes that the steam supply for this new building be taken from a tunnel along Hermitage Avenue south of the junction vault which will require a separate set of meters.

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of an amendment of the contract with Presbyterian-St. Luke's Hospital for these changes.

I concur.

On motion of Mr. Johnston, this amendment of the contract was authorized.

**ADDITION TO CONTRACT FOR ORCHARD DOWNS SITE
WORK AND UTILITIES**

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$18,352.07 in the contract with Kuhne-Simmons Company, Inc., Champaign, assigned to Shapland Construction Company, Champaign, for supervision, for the site work and utilities construction for the Orchard Downs Housing project to increase the size of the water mains in the area, to add a second connection from the supply main, and to add a second meter pit. The National Board of Fire Underwriters has advised that the original plans are not adequate for fire protection, and recommends the changes.

I concur.

On motion of Mr. Herrick, this increase in the contract was authorized.

APPROPRIATION BY THE ATHLETIC ASSOCIATION

(20) The Board of Directors of the Athletic Association has approved an appropriation of \$25,000, or as much thereof as needed, for student grants-in-aid. This amount will be paid to the University of Illinois Foundation at the time the need arises.

Confirmation of this appropriation is requested.

On motion of Mr. Herrick, this action was confirmed.

INVESTMENT REPORT

(21) Mr. Swain, for the Finance Committee, reported the following changes in investments of trust funds from July 1 through September 30, 1960:

URBANA-CHAMPAIGN**Endowment Funds****Sale**

\$ 30 000	Illinois Service Recognition bonds	1 $\frac{3}{4}$ %	5/1/72	\$ 25 509 00
19 000	U. S. bonds	2 $\frac{3}{4}$ %	6/15/62	18 614 06

Purchase

\$ 25 000	U. S. bonds	2 $\frac{3}{4}$ %	9/15/61	\$ 24 968 75
30 000	Southern California Edison bonds	2 $\frac{7}{8}$ %	2/15/76	25 500 00
12 000	U. S. bonds	3%	8/15/66	10 890 00
1,914 shares	Northern Natural Gas common			55 189 69

Current Funds**Exchange**

\$2 100 000	U. S. notes	4 $\frac{3}{4}$ %	8/15/60 for	
2 100 000	U. S. certificates	3 $\frac{1}{8}$ %	8/1/61	

Purchase

\$ 25 000	U. S. bonds	2 $\frac{3}{4}$ %	9/15/61	\$ 24 968 75
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Report of the Comptroller

The Comptroller reported the following changes in unexpended plant fund investments, over which he has authority as shown:

URBANA-CHAMPAIGN**Construction Funds**

Housing Revenue Bonds of 1960 Series A (Orchard Downs), authorized by Board of Trustees resolution dated June 14, 1960.

Purchase

\$ 156 000	U. S. bonds	2 $\frac{3}{8}$ %	11/15/60	\$ 155 926 88
22 000	U. S. bills		7/15/61	21 466 72

Housing Revenue Bonds of 1959 Series C and D (Peabody Drive), authorized by Board of Trustees resolution dated October 21, 1959.

Purchase

\$ 385 000	U. S. bills		9/22/60	\$ 384 329 45
33 000	U. S. bills		10/17/60	32 922 06

Assembly Hall Revenue Bonds, authorized by Board of Trustees resolution dated June 23, 1959.

Purchase

\$ 400 000	U. S. bills		10/13/60	\$ 397 700 00
200 000	U. S. bills		12/15/60	197 917 50
230 000	U. S. bills		1/15/61	226 778 98
2 827 000	U. S. certificates	4 $\frac{3}{8}$ %	5/15/61	2 856 153 44
629 000	U. S. bills		3/22/61	618 668 68
101 000	U. S. bills		2/16/61	99 697 49
313 000	U. S. bills		4/15/61	307 405 13

Housing Revenue Bonds of 1959 Series A (Graduate Housing), authorized by Board of Trustees resolution dated June 23, 1959.

Purchase

\$ 66 000	U. S. bills		9/8/60	\$ 65 818 13
10 000	U. S. bills		9/8/60	9 978 61
21 000	U. S. bills		9/15/60	20 973 46

Housing Revenue Bonds of 1959 Series B (Graduate Housing), authorized by Board of Trustees resolution dated June 23, 1959.

Purchase			
\$ 32 000	U. S. bills	8/18/60	\$ 31 958 67
59 000	U. S. bills	9/15/60	58 843 36
41 000	U. S. bills	9/15/60	40 945 28
102 000	U. S. bills	10/13/60	101 665 67
20 000	U. S. bills	10/27/60	19 965 50
30 000	U. S. bills	10/13/60	29 975 08

Housing Revenue Bonds of 1958 (120 Units), authorized by Board of Trustees resolutions dated December 17, 1958, and March 12, 1959.

Purchase			
\$ 17 000	U. S. bills	8/18/60	\$ 16 978 04
9 000	U. S. bills	9/15/60	8 976 11
67 000	U. S. bills	10/13/60	66 627 59
33 000	U. S. bills	10/13/60	32 873 50

Men's Residence Halls Revenue Bonds of 1957, authorized by Board of Trustees resolution dated March 12, 1957.

Purchase			
\$ 78 000	U. S. bills	9/15/60	\$ 77 782 38
66 000	U. S. bills	10/20/60	65 905 97

Women's Residence Halls Revenue Bonds of 1956, authorized by Board of Trustees resolution dated September 18, 1956.

Purchase			
\$ 29 000	U. S. bills	9/15/60	\$ 28 919 09
16 000	U. S. bills	10/20/60	15 978 68

Men's Residence Halls Revenue Bonds of 1956, authorized by Board of Trustees resolutions dated March 23, 1956, and September 18, 1956.

Purchase			
\$ 13 000	U. S. bills	9/15/60	\$ 12 963 73
13 000	U. S. bills	10/20/60	12 981 48

Sinking Funds

Peabody Drive Sinking Funds, authorized by Board of Trustees resolution dated October 21, 1959.

Purchase			
\$ 140 000	U. S. bills	9/22/60	\$ 139 825 19

Assembly Hall Sinking Fund, authorized by Board of Trustees resolutions dated June 23, 1959, and July 21, 1959.

Purchase			
\$ 100 000	U. S. bills	9/22/60	\$ 99 835 00

Housing Revenue Bonds of 1959 Sinking Fund, authorized by Board of Trustees resolution dated June 23, 1959.

Purchase			
\$ 25 000	U. S. bills	9/22/60	\$ 24 968 78

Housing Revenue Bonds of 1958 Sinking Fund, authorized by Board of Trustees resolution dated December 17, 1958.

Purchase			
\$ 22 000	U. S. bills	9/15/60	\$ 21 941 18
68 000	U. S. bills	9/22/60	67 936 25
50 000	U. S. bonds	2¾% 9/15/61	49 968 75

Men's Residence Halls of 1957 Sinking Fund, authorized by Board of Trustees resolution dated March 12, 1957.

Purchase			
\$ 141 000	U. S. bills	3/22/60	\$ 139 698 57
70 000	U. S. bills	3/22/60	69 469 87
125 000	U. S. notes	4¾% 8/15/60	125 039 07

Women's Residence Halls of 1956 Sinking Fund, authorized by Board of Trustees resolution dated September 18, 1956.

Purchase			
\$ 86 000	U. S. bills	9/22/60	\$ 85 892 62

Revenue Bonds of 1956 Sinking Fund, authorized by Board of Trustees resolutions dated March 23, 1956, and September 18, 1956.

Purchase					
\$ 67 000	U. S. notes	4½%	5/15/65	\$ 70 098 75	
6 000	U. S. bills		9/22/60	5 992 77	

Revenue Bonds of 1952 Sinking Fund, authorized by Board of Trustees resolution dated February 22, 1952.

Purchase				
\$ 39 000	U. S. bonds	2½%	3/15/70	\$ 35 490 00

CHICAGO

Construction Funds

Laundry

Purchase				
\$ 5 000	U. S. bills		12/22/60	\$ 4 970 56

Sinking Funds

Dentistry-Medicine-Pharmacy Building Revenue Bonds—Reserve.

Sale				
\$ 21 500	U. S. bonds	2½%	8/15/63	\$ 21 126 96

Purchase				
\$ 24 000	U. S. bonds	2½%	2/15/65	23 257 50

This report was received for record.

PURCHASES

Purchases Authorized

(22) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase was recommended on the basis of the lowest acceptable bid.

Urbana-Champaign Departments

Item	Department	Vendor	Cost
14 patterns made from design drawings	Digital Computer Laboratory	Active Foundry Co., Chicago	\$2 998 30 f.o.b. Chicago
200 castings of various sizes	Digital Computer Laboratory	Malco Manufacturing Co., Chicago	4 849 26 f.o.b. Chicago
800 specially designed terminal boards	Digital Computer Laboratory	Northern Tool & Die Co., Chicago	6 785 50 f.o.b. Chicago
Top and bottom connector frames consisting of:	Digital Computer Laboratory		
16 sets drawing 36 and 37			
64 sets drawing 40 and 41			
6 sets drawing 46 and 47			
14 sets drawing 48 and 49			
Complete frames consisting of 100 of drawing No. 50 in various sizes:			
1600 dowels No. 2076-21			
160 hinge pins No. 2076-19			
40 hinge pins No. 2076-20			
4 drill jigs for frames No. 2076-36 to 2076-49			
One used spray drier for powdered milk, single cyclone type, capacity 100 pounds of power per hour from 40 percent solids	Food Technology	Spencer Milk Products Co., Inc., Spencer, Wis.	4 000 00 f.o.b. Spencer, Wis.

On motion of Mr. Johnston, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of the lowest acceptable bid.

I concur.

Urbana-Champaign Departments

Item	Department	Vendor	Cost
One laboratory dish and animal cage washer, fully automatic, steam operation, 31 in. wide x 31 in. deep x 65 in. high, five-cycle action, stainless steel, hinged door, with accessory heads	Animal Science	Better Built Machinery Co., New York, N.Y.	\$4 399 00 f.o.b. delivered

Item	Department	Vendor	Cost
One research microscope with combination inclined binocular/monocular body with sliding prism, quintuple nosepiece, three plano and two plan-apochromatic objectives, with accessories for reflected light and photographic operations	Botany	W. H. Kessel & Co., Chicago	\$3 273 30 f.o.b. delivered and installed
One spectrophotometer, near infra-red range, recording complete with accessories	Chemistry and Chemical Engineering	The Perkin-Elmer Corp., Chicago	4 463 00 f.o.b. delivered
One photoelectric reader for punched paper tape, equipped to read at 300 characters per second, and one spares kit	Electrical Engineering	Ferranti Electric, Inc., Hempstead, N.Y.	2 613 75 f.o.b. destination
Additional components for use with Pace Model 16-31-R analog computer including: 50 operational amplifiers 28 attenuators 1 attenuator panel 1 reference group 2 servo multipliers 1 six-channel recorder 1 variplotter 1 digital voltmeter 2 pre-patch panels 170 bottle plugs 170 patch cords 1 function generator kit 1 servo multiplier Plus all related controls, dials, cables, switches, potentiometers, etc.	Electrical Engineering	Electronic Associates, Inc., Long Branch, N.J.	23 285 00 f.o.b. Long Branch, N.J.
One electron magnetic resonance spectrometer X-band, 8.5 to 9.6 KMC/second	Electrical Engineering	Strand Labs, Inc., Newton, Mass.	6 400 00 f.o.b. delivered
Construction of antenna base and catwalk for moon relay antenna on radio telescope site, Vermilion County (the antenna equipment is being moved from the roof of the Electrical Engineering Building to the site of the radio telescope near Danville)	Electrical Engineering	E. S. Moore & Son, Inc., Danville	3 300 00 f.o.b. job site
One chromatograph, gas, with flame detector, transformer, liquid sampler columns, and two alcohol columns	General Chemical Stores	Fisher Scientific Co., Chicago	3 310 00 f.o.b. delivered and installed
One lot laboratory apparatus including hot plates, plastic tubing, pipette rinsers and pans, dropping bottles with pipettes			
One liquid scintillation spectrometer, automatic recording, transistorized, 100 sample capacity, simultaneous counting of two isotopes, dual channel, coincidence system	Microbiology	Packard Instrument Co., Inc., La Grange	12 526 00 f.o.b. delivered
One 4 in. high vacuum pumping system, complete with pumps, gauges, measuring circuitry, trap, radiation cooled baffle, and thermocouple and power leads and seals	Mining and Metallurgical Engineering	NRC Equipment Corp., Newton, Mass.	3 345 87 f.o.b. delivered
One refuse container, 30 cubic yard capacity, for use with refuse disposal equipment operated by the Physical Plant	Housing Division (Men's Residence Halls)	Coleman & Associates, Rockford	2 797 90 f.o.b. delivered
1,122 molded plywood stacking chairs, dining room equipment for SM-3 residence halls	Housing Division (Men's Residence Halls)	S. Buckman Furniture & Supply Co., Spring Valley	15 313 80 f.o.b. delivered
Formica tables and bases as follows: 90, 36 in. x 120 in. 27, 66 in. round 5, 36 in. x 36 in. 2, 36 in. x 72 in.	Housing Division (Men's Residence Halls)	The Howell Co., Division of Acme Steel Co., St. Charles	16 061 06 f.o.b. delivered
Four pocket billiard tables with pocket billiard balls, triangle, cues, bridge and cover	Illini Union	Brunswick Corp., Chicago	3 794 04 f.o.b. delivered and installed

Item	Department	Vendor	Cost
White English finish book paper as follows: 100 reams 25 x 38, 70 pound 100 reams 22½ x 35, 58 pound 250 reams 25 x 38, 50 pound 600 reams 25 x 38, 60 pound 200 reams 22½ x 35, 49½ pound	Office Supply Store	Bradner Smith & Co., Chicago	\$10 964 80 f.o.b. delivered
One airplane and accessories, less trade-in of Model D-35 Beechcraft Bonanza	Institute of Aviation	Elliott Flying Service, Inc., Davenport, Iowa	15 169 50 f.o.b. delivered
Furnish and install guided venetian blinds on 70 openings in the Fine and Applied Arts Building	Physical Plant (Fine and Applied Arts Building)	Mackin Venetian Blind Co., Mokenca	2 932 02 f.o.b. delivered and installed
One container, liquid nitrogen 310 liters—minimum capacity, storage transport, trailer mounted (ICC approved), to be used for campus distribution of liquid nitrogen	Physical Plant	Cryogenic Engineering Co., Denver, Colo.	4 150 00 f.o.b. delivered
Print and bind 1,500 copies of <i>Essays on Accountability</i> , by A. C. Littleton, approximately 704 pages per copy	University Press	Colonial Press, New York, N.Y.	7 828 76 f.o.b. delivered
One liquid scintillation spectrometer with automatic transitorization 100 sample	Chemistry and Chemical Engineering	Packard Instrument Co., Inc., La Grange	12 526 00 f.o.b. delivered
One model PB-250 eight-channel Flexo-writer	Electrical Engineering	Friden, Inc., Peoria	3 180 00 f.o.b. delivered
One radiation detection assembly including a scaler with six decades resolving better than one microsecond; detector deep well type; pulse height analyzer and timer	Microbiology	Tracerlab, Inc., Chicago	3 117 75 f.o.b. delivered
One microdensitometer, automatic recording, double beam, suitable for quantitative tracing of absorption photographs and spectrum analysis	Microbiology	National Instrument Laboratories, Inc., Washington, D.C.	7 008 50 f.o.b. delivered
One spectrophotometer, grating, single beam, manual operation, range 185-100m, with constant temperature assembly and cell	Microbiology	National Instrument Laboratories, Inc., Washington, D.C.	4 555 00 f.o.b. delivered
One ultracentrifuge, with four rotors, to accept 38.5cc, 34cc, 13.5cc, and 5cc, 115-220 volt system	Microbiology	Beckman Instruments, Inc., Spinco Division, Palo Alto, Calif.	8 807 00 f.o.b. delivered
One preparative ultracentrifuge with two rotor accessories	Microbiology	Beckman Instruments, Inc., Spinco Division, Palo Alto, Calif.	7 478 00 f.o.b. delivered
One centrifuge, refrigerated, large capacity, high speed, complete with two rotors and accessories	Microbiology	Ivan Sorvall, Inc., Norwalk, Conn.	2 763 13 f.o.b. delivered
One electronic stencil scanner	Microbiology	Shay Office Equipment Co., Champaign	2 709 50 f.o.b. delivered
One mimeograph duplicator with cabinet stand			
One fluoroscope			
One low temperature cabinet capable of maintaining temperature between plus 10° F. and minus 70° F. complete with self-contained refrigeration equipment	Zoology	Haskris Co., Chicago	7 434 64 f.o.b. delivered
Printing and binding eight issues (four each year beginning September, 1961) of the <i>Illinois Journal of Mathematics</i> , 1,000 copies per issue, approximately 152 pages per copy	Illinois Journal of Mathematics	Waverly Press, Inc., Baltimore, Md.	28 662 95 f.o.b. delivered
Printing and binding nine issues, beginning January, 1961, of <i>The Illinois Teacher</i> , 1,500 copies per issue, approximately 48 pages per issue	College of Education	Cushing-Malloy, Inc., Ann Arbor, Mich.	3 258 00 f.o.b. delivered
Four library card catalog cabinets complete with tops and leg bases	Library	John E. Sjoström Co., Inc., Philadelphia, Pa.	3 040 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Silverplate flatware, tripleplate quality, bright butter finish, for SM-3 residence halls and replacement stock for Central Food Stores: 755 dozen teaspoons 7 dozen bouillon spoons 440 dozen dessert spoons 535 dozen utility forks 535 dozen utility knives 20 dozen salad forks 3 silver urns 3 cream pitchers 3 sugar bowls 3 silver trays	Housing Division (Men's Residence Halls and Central Food Stores)	International Silver Co., Chicago	\$11 066 99 f.o.b. delivered
China for SM-3 residence halls and replacement stock for Central Food Stores: 265 dozen dinner plates 450 dozen salad plates 268 dozen cups 265 dozen saucers 35 dozen creamers 53 dozen sugar bowls 375 dozen soup nappies 425 dozen sauce dishes 3 dozen celery trays	Housing Division (Men's Residence Halls and Central Food Stores)	E. A. Hinrichs & Co., Chicago	18 272 81 f.o.b. delivered
140 dozen serving trays, stock for SM-3 residence halls	Housing Division (Men's Residence Halls)	L. B. Herbst Corp., Chicago	3 640 00 f.o.b. delivered
160 steel library bookshelf units, 36 in. wide x 9½ in. deep x 84 in. high, for deliveries in January and April, 1961, with the option to purchase an additional quantity of 80 for delivery in July, 1961 (base bid, six months' supply; option, three months' supply)	Office Supply Store	The Interior Steel Equipment Co., Cleveland, Ohio	4 774 40 f.o.b. delivered plus option bid 2 412 80 f.o.b. delivered
145 steel storage cabinets, 36 in. x 18 in. x 78 in., and fifteen 36 in. x 24 in. x 78 in., for deliveries in March and July, 1961, with the option to purchase an additional quantity of 90 for delivery in September, 1961 (base bid, six months' supply; option, three months' supply)	Office Supply Store	All-Steel Equipment, Inc., Aurora	5 531 60 f.o.b. delivered plus option bid 3 119 40 f.o.b. delivered
Laboratory furniture for remodeling in Noyes Laboratory of Chemistry consisting of seven center laboratory benches (six 4 ft. 6 in. wide x 22 ft. 9 in. long and one 4 ft. 6 in. wide x 13 ft. 6 in. long), 13 sinks, one work table, two wall mounted counters, one "L" shaped work table and counter combination	Physical Plant	Walrus Manufacturing Co., Decatur	15 952 13 f.o.b. delivered
One four-door, nine-passenger station wagon	Institute of Aviation	Rogers Chevrolet Co., Rantoul (Chevrolet)	one station wagon 2 284 47
Two pickup trucks, cab and chassis only, one-half-ton capacity	Physical Plant	Courtesy Motor Sales, Inc., Chicago (Ford)	two pickup trucks (cab and chassis) 2 984 00
One van truck, one-half-ton capacity		University Ford Sales, Champaign	one van truck 3 250 00
To replace vehicles in the University fleet			All prices are f.o.b. delivered
Builder's risk insurance under a completed value form on an estimated \$4,500,000 insurable cost of construction for the addition to the Illini Union Building; insurance is to be carried for an estimated two years during the course of construction, with a total premium for the two years estimated at \$7,704, of which \$3,852 will be payable the first year	Physical Plant	Roby Insurance Agency, Decatur, representing the Freeport Insurance Co. D. L. Powell, Chicago, representing the Employers Mutual Casualty Co.	5 791 50 1 912 50
			(7 704 00)

Chicago Colleges and Divisions

50,000 acetazolamide tablets, 250 mg. (three months' supply)	Pharmacy	Lederle Laboratories, Chicago	2 611 70 delivered
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On motion of Mr. Johnston, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(23) The Comptroller's report of contracts executed during the period November 1 to 30, 1960.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
The Committee of Concrete Reinforcing Bar Producers of the American Iron & Steel Institute	Behavior of high-strength deformed reinforcing bars under rapid rates of loading	\$15 000 00	November 8, 1960
Kewanee Machinery & Conveyor Co.	Elevators for filling vertical silos	3 000 00	August 25, 1960
Mark L. Morris Animal Foundation	Acute pancreatitis in the dog	2 880 00	November 14, 1960
United States Army DA19-129QM-1709 (OI 5026)	Influence of tomato constituents on flavor of irradiated meat	14 200 00	November 7, 1960
United States Department of Agriculture 12-14-100-5742(41)	Develop methods for utilizing electronic computers for the solution of selected soil moisture transport equations	34 392 00	October 25, 1960
United States Navy Nonr-1834(36)	Factors in group interaction	75 754 00	September 15, 1960
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Wolf Run Union Drainage District	Annual maintenance assessment (Allerton Farms)	\$ 103 10 (annually)	November 4, 1960

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Harry Polet	Property located on the N. 131.005 acres of the NW $\frac{1}{4}$ of Section 31, Township 19 N. of the 3rd Principal Meridian	\$ 23 00 per month (April 15, 1960, to April 14, 1961)	July 9, 1960
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
International Harvester Co.	Rental of tread crawler tractor, bulldozer, and diverter valve and tubing group	\$ 2 248 15 (annually)	November 10, 1960
MacCarthy Ford Tractor Sales, Inc.	Rental of frame, control attachment, blade, valve and skid shoes	37 23 (annually)	October 24, 1960
University of Illinois Foundation	Purity Baking property at 1112 West Main Street, Urbana	700 00 (annual rental)	October 13, 1960

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Merck & Co., Inc.	Growth stimulants for swine	\$ 3 000 00	October 6, 1960
United States Air Force AF 19(604)4940	Analysis of severe thunderstorms	40 825 00	October 28, 1960
United States Army DA-11-022-ORD-1175	Alloys of the transition elements	169 995 00	November 22, 1960
United States Atomic Energy Commission AT (11-1)-67 Project No. 3	Mechanism of substitutional diffusion in metals	64 336 00	October 28, 1960
United States Atomic Energy Commission AT (11-1)-691	Radiation chemistry and chemical kinetics	28 861 00	October 31, 1960
United States Atomic Energy Commission AT (11-1)-833	Atomic energy research and development	35 501 00	October 28, 1960
United States Navy Nonr-1834(19)	Properties of dielectric and semi-conducting solids	24 000 00	October 17, 1960
United States Navy Nonr-1834(21)	Artificial intelligence computers	65 000 00	July 31, 1960
United States Navy Nonr-1834(29)	Techniques and instrumentation for measuring acoustic attenuation	14 033 50	September 21, 1960

Adjustments Made in 1960-61 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Eleven items: \$30.00 to \$211.00	\$ 737 00	October and November, 1960

This report was received for record.

REPORT OF GIFTS AND FUNDS RECEIVED FROM OUTSIDE SOURCES

(24) Following is a report of gifts, grants, and contract funds received by the University from outside sources during the fiscal year July 1, 1959, through June 30, 1960. This report includes funds from private donors and funds received from governmental agencies and covers all payments received during the fiscal year. In many cases a period of several months elapses between the time an offer is received and accepted and final payment is made.

In a number of cases, grants and gifts were previously reported to the Board when the offers were received, and likewise the Comptroller's monthly reports include numerous research contracts for which funds had not been received at the time of reporting. These are being included here in order to present a complete report of all funds received from outside sources during the fiscal period.

The contracts have all been properly executed by the Secretary and the Comptroller of the Board. All gifts and grants reported here have been accepted and duly acknowledged by the President or other appropriate University officer with an expression of appreciation on behalf of the University and the Board of Trustees.

Colleges and Schools at Urbana-Champaign*Undergraduate Scholarships*

1. Aerojet-General Corporation, Azusa, California: scholarship in ceramic engineering, academic years 1959-60 and 1960-61.....\$ 1 000 00
2. Alcoa Foundation, Pittsburgh, Pennsylvania: scholarships in ceramic engineering, academic year 1960-61..... 625 00
3. Mr. Robert Allerton, Koloa, Kauai, Hawaii: for the Allerton American Traveling Scholarship in Architecture..... 1 000 00
4. Allstate Foundation, Skokie: scholarships (thirty-five scholarships, \$75.00 each) plus \$975.00 for cost of administration for extramural classes for driver education teachers conducted by the Division of University Extension..... 3 500 00
5. American Air Filter Company, Inc., Herman Nelson Division, Moline: scholarships in engineering, academic year 1960-61..... 725 00
6. American National Bank and Trust Company, Chicago: for the Illinois Club of the School of Banking Scholarship, College of Commerce and Business Administration..... 300 00
7. American Society for Metals Foundation for Education and Research: scholarship in metallurgical engineering, academic year 1959-60..... 500 00
8. Archer-Daniels-Midland Company, Minneapolis, Minnesota: scholarships in chemistry and chemical engineering, academic year 1960-61 500 00
9. Armstrong Cork Company, Inc., Lancaster, Pennsylvania: tuition and fees scholarship, academic year 1959-60..... 260 00
10. Mr. F. R. Baier, Chicago: for the Dean Thomas Arkle Clark Memorial Scholarship Fund..... 700 00
11. Barber-Colman Foundation, Rockford: scholarships in engineering, academic year 1959-60..... 6 400 00
12. Bay State Abrasive Products Company, Westboro, Massachusetts: scholarships in ceramic engineering..... 1 000 00
13. Bendix Aviation Corporation, Detroit, Michigan: scholarships in ceramic engineering, academic years 1959-60 and 1960-61..... 1 060 00
14. Campus Chest, University of Illinois undergraduate fund-raising organization: scholarships 3 045 00
15. Carrier Foundation, Inc., Syracuse, New York: scholarship in engineering..... 750 00
16. Ceco Steel Products Corporation, Chicago: scholarships in engineering, academic year 1961-62..... 1 000 00

17. Challenge Stamping and Porcelain Company: scholarships in ceramic engineering	200 00
18. Chemstrand Corporation, Decatur, Alabama: scholarships in chemical engineering, academic years 1959-60 and 1960-61.....	1 000 00
19. Chicago Farmers: scholarship for a senior in agriculture.....	500 00
20. Chicago Illinae Club, Chicago: scholarships.....	220 00
21. Chicago Illiniweks: scholarship, academic year 1959-60.....	50 00
22. Chicago Title and Trust Company Foundation, Chicago: scholarships in law.....	5 000 00
23. Columbian Enameling and Stamping Company, Inc., Terre Haute, Indiana: scholarship in ceramic engineering.....	500 00
24. Mr. Warren E. Compton, St. Louis, Missouri: for the Bertha L. Compton Memorial Scholarship.....	50 00
25. Consolidation Coal Company, Library, Pennsylvania: scholarship in chemical engineering, academic year 1960-61.....	500 00
26. Continental Grain Company, New York, New York: for the Fribourg Scholarships in Agriculture.....	1 000 00
27. Corn Products Company, Chicago: scholarships in engineering and physical science, academic year 1959-60.....	2 400 00
28. Crossley Associates, Inc., Chicago: scholarship in engineering...	250 00
29. Dads Association, University of Illinois: scholarships.....	1 500 00
30. Douglas Aircraft Company, Inc., Santa Monica, California: scholarship in engineering, academic year 1960-61.....	750 00
31. Dow Chemical Company, Midland, Michigan: scholarship in metallurgy, academic year 1960-61.....	500 00
32. Federal Land Bank of St. Louis and the various Federal Land Bank Associations in Illinois: two \$500 scholarships in agriculture, academic year 1960-61.....	1 000 00
33. Ferro Corporation, Cleveland, Ohio: scholarships in ceramic engineering.....	1 000 00
34. Foundry Educational Foundation, Cleveland, Ohio: scholarships for students in mechanical engineering with special interest in foundry work	1 325 00
35. Fusite Corporation, Cincinnati, Ohio: scholarships in ceramic engineering.....	500 00
36. Galesburg Builders Supply, Galesburg: for the Harry H. Gunther Scholarship.....	500 00
37. General Motors Corporation, Detroit, Michigan: scholarship awards under the General Motors College Scholarship Program, academic year 1959-60.....	12 300 00
38. A. P. Green Fire Brick Company, Mexico, Missouri: scholarships in ceramic engineering.....	500 00
39. Mr. Joseph Harrington, Jr., of Arthur D. Little, Inc.: for the Dunlap-Harrington Scholarship	50 00
40. Harrison Jules Louis Frank and Leon Harrison Frank Memorial Corporation, Detroit, Michigan: scholarship in electrical engineering.....	500 00
41. Harshaw Chemical Foundation: scholarships in ceramic engineering.....	500 00
42. Friends and business associates of the late Philip Crane Hewett, of the Cincinnati Milling Machine Company, Cincinnati, Ohio, and an alumnus of the University of Illinois: for the Philip Crane Hewett Memorial Scholarship in Engineering.....	1 176 00
43. Illinois Congress of Parents and Teachers, Springfield: two scholarship funds, one in any field of teacher training (\$4,250.00) and one in preparation to teach exceptional children (\$2,500.00).....	6 750 00
44. Illinois Farm Supply Company, Chicago: to establish the Fred C. Herndon Agricultural-Industries Scholarship-Fellowship Fund...	15 000 00
45. Illinois Health Improvement Association: scholarship in health education.....	300 00
46. Illinois Mining Institute, Urbana: scholarships in mining engineering.....	1 500 00
47. Illinois State Federation of Labor and Congress of Industrial Organizations, Chicago: scholarships.....	1 000 00

48. Illinois State Restaurant Association, Springfield: scholarship in restaurant management	300 00
49. Ingram-Richardson, Inc., Frankfort, Indiana: scholarships in ceramic engineering	1 000 00
50. International Nickel Company, Inc., Chicago: scholarship	500 00
51. International Telephone and Telegraph Corporation, New York, New York: four scholarships, academic year 1959-60	3 000 00
52. Junior Women's Advertising Club of Chicago: three scholarships in journalism	600 00
53. Kennecott Copper Corporation, New York, New York: scholarship in chemical engineering	1 000 00
54. David Kinley Educational Foundation, Barrington: scholarship in the College of Commerce and Business Administration	1 500 00
55. Kroger Company, Cincinnati, Ohio: six scholarships in agriculture and home economics	1 500 00
56. James F. Lincoln Arc Welding Foundation, Cleveland, Ohio: two scholarships in civil engineering	500 00
57. Lions Clubs in the Chicago area: scholarships for students training to teach handicapped children	3 000 00
Mount Greenwood Lions Club, Chicago	\$ 500 00
South East Lions Club, Chicago	500 00
Englewood Lions Club, Chicago	250 00
Triangle Lions Club, Chicago	250 00
East Side Lions Club, Chicago	250 00
Forest Lions Club, Forest Park	250 00
Mount Prospect Lions Club, Mount Prospect	250 00
Elk Grove Lions Club, Elk Grove Village	250 00
Uptown Lions Club, Chicago	500 00
58. Magnavox Foundation, Fort Wayne, Indiana: scholarships, academic year 1959-60	3 000 00
59. Mr. Freeman D. Marti, Baltimore, Maryland: to add to the Wensel Morava Scholarship Endowment Fund	600 00
Mr. Marti was the beneficiary of a scholarship from this endowment and while not obligated to do so has chosen to repay this to the fund.	
60. Men's Residence Halls Association of the University of Illinois: for the Calvin S. Sifferd — MRHA Scholarship	305 20
61. Mississippi Valley Structural Steel Co., Decatur: scholarship in architectural engineering	1 200 00
62. Monsanto Chemical Company, Research and Engineering Division, St. Louis, Missouri: scholarships in chemical engineering, academic years 1959-60 and 1960-61	1 000 00
63. Colonel Robert H. Morse Foundation, Chicago: six scholarships in engineering	3 000 00
64. Mothers Association, University of Illinois: four scholarships	325 00
65. Motorola, Inc., Chicago: for the Paul V. Galvin Memorial Scholarships	12 600 00
66. National Aluminate Corporation, Chicago: scholarship in engineering, academic year 1959-60	416 65
67. National Merit Scholarship Corporation, Evanston: scholarships, academic year 1959-60	2 775 00
In recognition of National Merit Scholars enrolled at the University of Illinois, the sponsors of National Merit Scholarships are giving these supplementary grants for scholarship assistance to students who were not Merit Scholars.	
68. National Secretaries Association, Champaign-Urbana Chapter: scholarships	150 00
69. Nonacademic Employees Council, University of Illinois, Urbana: scholarship for a son or daughter of a nonacademic employee at Urbana	250 00
70. Ohmite Manufacturing Company, Skokie: scholarship in ceramic engineering	500 00
71. Old Ben Coal Corporation, Chicago: scholarships in mining engineering, academic year 1959-60	1 500 00

72. Owens-Corning Fiberglas Corporation, Toledo, Ohio: scholarships in engineering, academic year 1959-60.....	1 000 00
73. Owens-Illinois Glass Company, Toledo, Ohio: scholarship in engineering, academic year 1959-60.....	2 450 00
74. Pennsylvania Glass Sand Corporation, Pittsburgh, Pennsylvania: scholarship in ceramic engineering.....	554 00
75. Pi Kappa Lambda Music Fraternity: for the F. B. Stiven Memorial Scholarship in Music.....	661 50
76. Presser Foundation, Philadelphia, Pennsylvania: scholarships in music.....	400 00
77. Procon, Incorporated, Des Plaines: scholarship in engineering....	500 00
78. Ralston Purina Company, St. Louis, Missouri: scholarship in agriculture, 1959-60.....	500 00
79. Scully-Jones Foundation, Chicago: scholarship in engineering...	300 00
80. Sears-Roebuck Foundation, Chicago: scholarships in agriculture (\$3,625.00) and home economics (\$800.00), academic year 1959-60.....	4 425 00
81. Estates of Gretchen Johanna Schilling and Paul Charles Schilling: to add to the endowment fund, income to be used for scholarships.....	10 061 00
82. Alfred P. Sloan Foundation, New York, New York: annual stipends for five scholarships for a two-year period beginning with the academic year 1959-60 and for five scholarships for a two-year period beginning with the academic year 1960-61.....	6 700 00
83. Square "D" Company, Detroit, Michigan: scholarships in engineering.....	800 00
84. Mr. Frank Stewart, Urbana: scholarship, academic year 1959-60.....	300 00
85. Student Organizations, University of Illinois: scholarships, academic year 1960-61.....	2 500 00
86. Student Senate, University of Illinois: scholarships.....	500 00
87. Tee-Pak Foundation, Chicago: scholarship, academic year 1959-60.....	500 00
88. Texaco, Inc., New York, New York: scholarship, academic year 1960-61.....	1 200 00
89. Union Carbide Educational Fund, New York, New York: scholarship in engineering, academic year 1959-60.....	1 800 00
90. United States Rubber Company, New York, New York: scholarships, academic year 1960-61.....	3 100 00
91. Universal Oil Products Company, Des Plaines: scholarships in chemical engineering.....	1 500 00
92. Various donors: for the Raymond Torr Memorial Scholarship in Journalism.....	213 00
93. Various donors: for the Undergraduate Scholarship Fund.....	268 80
Mr. and Mrs. T. E. Lunt, Jr., Rochester, New York.....\$ 10 00	
Mr. William B. Rudy.....8 80	
Student Organizations, University of Illinois.....250 00	
94. Vitreous Steel Products Company, Cleveland, Ohio: scholarships in ceramic engineering.....	500 00
95. Western Electric Company, Chicago: scholarships in engineering, academic year 1959-60.....	1 200 00
96. Westinghouse Electric Corporation, Baltimore, Maryland: for the Westinghouse Air Arm Scholarships, academic year 1959-60.....	1 500 00
97. Zeta Tau Alpha Foundation, Evanston: scholarship to a woman student in journalism in honor of Shirley K. Strout.....	250 00
<i>Total, Undergraduate Scholarships.....</i>	<i>\$164 891 21</i>

Scholarships and Fellowships

98. Charles J. Merriam, Chicago: endowment of scholarships and fellowships in political science, in memory of his father, the late Charles E. Merriam, Professor of Political Science at the University of Chicago.....	\$ 55 306 50
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Miscellaneous Awards and Other Financial Aids to Students

99. American Society for Metals, Chicago: to the Department of Mining and Metallurgical Engineering for assistance to a student or students of metallurgy.....	\$ 100 00
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100. Anonymous donor: for the Fred B. Seely Award in Engineering Mechanics.....	100 00
101. Bradley and Bradley, Inc., Rockford: for an award to a student in architecture.....	100 00
102. French Government: to the Department of French to assist outstanding students in their studies of French.....	200 00
103. General Atomic, Division of General Dynamics Corporation, San Diego, California: for assistance to students in the nuclear engineering program.....	500 00
104. Kivett and Meyers and McCallum, Kansas City, Missouri: an award to a student in architecture.....	100 00
105. Maywood Park Trotting Association, Inc., Chicago: for awards to students in the College of Veterinary Medicine.....	1 025 00
106. Various donors: to add to the James Webb Young Fund for Education in Advertising.....	7 814 10
107. Various donors: contributions received by the Dean of Women for the Women Students Aid Fund.....	4 641 38
108. Woodrow Wilson National Fellowship Foundation, Princeton, New Jersey: for the honors program.....	50 00
<i>Total, Miscellaneous Awards and Other Financial Aids to Students.....</i>	
	\$14 630 48

Student Loans

109. Estate of Mrs. Alma Escher: for the Gertrude Escher Loan Fund.....	\$ 3 437 99
110. Bryn Mawr Parent-Teacher Association, Chicago: to establish a student loan fund as a memorial to the late Marcia Lome Kritchevsky, an alumna of the University of Illinois who served on the Bryn Mawr Parent-Teacher Association Board.....	2 564 00
111. Dr. and Mrs. Arthur L. Ennis, Decatur: for the Dr. and Mrs. Arthur L. Ennis Student Loan Fund.....	300 00
112. Illinois Congress of Parents and Teachers, Springfield: for the student loan fund.....	1 000 00
113. Mr. Lawrence Rogers, Chicago: for a loan fund for students in architecture.....	400 00
114. Estates of Gretchen Johanna Schilling and Paul Charles Schilling: to add to the student loan fund.....	10 061 07
115. Henry Strong Educational Foundation, Chicago: for a student loan fund.....	15 000 00
116. Tile Council of America, Inc., New York, New York: for student loans.....	500 00
<i>Total, Student Loans.....</i>	
	\$33 263 06

Funds for Graduate Fellowships and Research

117. Abbott Laboratories, North Chicago.....	\$ 3 800 00
Roger Adams Fellowship in Chemistry, academic year 1960-61.....	
	\$ 2 800 00
Fellowship in physiology, academic year 1959-60.....	
	1 000 00
118. Allegheny Ludlum Steel Corporation, Brackenridge, Pennsylvania: fellowship in physics, academic year 1959-60.....	4 000 00
119. Allied Chemical Corporation.....	4 586 00
Nitrogen Division, Hopewell, Virginia: fellowship in chemistry.....	
	\$ 2 536 00
Plastics and Coal Chemicals Division, New York, New York: fellowship in chemistry.....	
	2 050 00
120. American Cyanamid Company, New York, New York: fellowship in chemistry, academic year 1960-61.....	2 960 00
121. American Dairy Association: fellowship in food technology, academic year 1959-60.....	1 500 00
122. American Society for Testing Materials, Philadelphia, Pennsylvania: fellowship in civil engineering.....	6 500 00
123. Amoco Foundation, New York, New York: fellowship in chemical engineering, academic years 1959-60 and 1960-61.....	5 000 00
124. Armco Steel Corporation, Middletown, Ohio: fellowship in ceramic engineering, academic year 1959-60.....	2 200 00

125. Autoclave Engineers, Inc., Erie, Pennsylvania: fellowship in chemical engineering	2 400 00
126. Automotive Safety Foundation, Washington, D.C.: fellowships in civil engineering, academic years 1959-60 and 1960-61.....	4 000 00
127. Bell Telephone Laboratories, New York, New York: tuition, fees, and other costs in connection with a Bell Telephone Laboratories' fellowship awarded by Bell.....	2 000 00
128. Bendix Aviation Corporation, Detroit, Michigan: fellowship in engineering, academic year 1959-60.....	3 000 00
129. California Company, New Orleans, Louisiana.....	2 534 00
Tuition and fees for 1959-60 fellowship in geology...\$ 534 00	
Fellowship in civil engineering.....	2 000 00
130. Campbell Soup Company, Camden, New Jersey.....	7 000 00
Fellowship in plant sciences, academic year 1960-61...\$ 3 500 00	
Fellowship in food technology, academic year 1960-61... 3 500 00	
131. Chicago Bridge and Iron Foundation, Chicago: assistantship in civil engineering	7 000 00
132. Ciba Pharmaceutical Products Inc., Summit, New Jersey: post-doctoral fellowship in physiology, academic year 1959-60.....	3 000 00
133. Collins Radio Company, Cedar Rapids, Iowa: fellowship to a member of the electrical engineering teaching staff, academic year 1959-60.....	1 500 00
134. Commonwealth Fund, New York, New York: senior scientist postdoctoral fellowship in psychology, academic year 1959-60.....	17 040 00
135. Consolidation Coal Company, Research and Development Division, Library, Pennsylvania: fellowship in chemical engineering, academic year 1960-61.....	2 450 00
136. Continental Oil Company, Ponca City, Oklahoma: fellowship in mathematics, academic year 1959-60.....	3 000 00
137. Corning Glass Works Foundation, Corning, New York: fellowship in physics, academic year 1959-60.....	3 536 00
138. Dr. and Mrs. Karl M. Dallenbach: for the John Wallace Dallenbach Fellowship in Psychology.....	10 000 00
139. Dow Chemical Company, Midland, Michigan: fellowships in chemistry (\$2,500) and chemical engineering (\$2,500), academic year 1960-61.....	5 000 00
140. E. I. du Pont de Nemours and Company, Inc., Wilmington, Delaware: postgraduate teaching assistantship in chemistry.....	2 900 00
141. Eastman Kodak Company, Rochester, New York.....	15 094 00
Fellowship in chemistry, academic year 1960-61.....\$ 3 710 00	
Fellowship in business, academic year 1959-60..... 4 200 00	
Fellowship in chemical engineering..... 2 000 00	
Fellowship in physics, academic year 1959-60..... 3 184 00	
Fellowship in engineering, academic year 1959-60..... 2 000 00	
142. Esso Research and Engineering Company, Linden, New Jersey... 14 034 00	
Fellowship in civil engineering, academic year 1959-60...\$ 3 584 00	
Fellowship in chemistry, academic year 1959-60..... 6 500 00	
Fellowship in physics, academic year 1959-60..... 3 950 00	
143. Ethyl Corporation, Detroit, Michigan: fellowship in chemistry, academic year 1959-60.....	2 950 00
144. Firestone Tire and Rubber Company, Akron, Ohio: fellowships in chemistry and chemical engineering, academic years 1959-60 and 1960-61	3 550 00
145. Ford Foundation, New York, New York.....	78 106 00
Two fellowships in the Foundation's program of economic development and administration.....\$ 6 106 00	
Two fellowships to members of the faculty of the College of Commerce and Business Administration to enable them to attend the Institute of Basic Mathematics for Application to Business over a period of approximately twelve months.....	17 000 00
Fellowships in engineering.....	55 000 00
146. Mrs. Therese Garner, Claremont, California: for the James W. Garner and Therese Garner Fellowships in Political Science.....	24 665 50

147. General Dynamics Corporation: fellowship in physics, academic year 1960-61	4 000 00
148. General Electric Foundation, Ossining, New York:	19 595 00
Fellowship in ceramic engineering, academic year 1959-60	\$ 2 934 00
Fellowship in chemistry, academic year 1959-60	4 034 00
Fellowship in finance, academic year 1959-60	4 034 00
Fellowship in electrical engineering, academic year 1959-60	3 634 00
Fellowship in physics, academic year 1959-60	3 684 00
General Electric Competitive Graduate Fellowship	1 275 00
149. General Foods Fund, Inc., New York, New York: two fellowships in home economics	7 000 00
150. Gulf Research and Development Company, Pittsburgh, Pennsylvania: fellowship in physics, academic year 1959-60	2 684 00
151. Haloid Xerox Inc., Rochester, New York: fellowship in solid state physics, academic year 1960-61	2 600 00
152. Hewlett-Packard Company, Palo Alto, California: instructor-fellowship in electrical engineering	2 500 00
153. Illinois Clay Products Company, Joliet: fellowship in geology, academic year 1959-60	4 000 00
154. Illinois Consumer Finance Association, Chicago: fellowship in marketing	1 500 00
155. Illinois Production Credit Association: fellowship in agricultural economics, academic year 1959-60	390 00
156. Inland Steel-Ryerson Foundation, Inc., Chicago: fellowship in mining and metallurgical engineering, academic year 1959-60	3 600 00
157. International Business Machines Corporation, Poughkeepsie, New York	4 668 00
Fellowship in data processing	\$1 984 00
Fellowship in physics	2 684 00
158. International Nickel Company, Inc., New York, New York: fellowship in mathematics, academic year 1959-60	4 000 00
159. Johnson and Johnson, New Brunswick, New Jersey: for the Roger Adams Fellowship in Organic Chemistry, academic year 1959-60	2 500 00
160. Kaiser Aluminum and Chemical Corporation, Oakland, California: fellowships in architecture, academic years 1959-60 and 1960-61 ..	5 250 00
161. Koppers Foundation, Pittsburgh, Pennsylvania: two fellowships in chemistry for teaching assistants, summer 1960	1 200 00
162. Lead Industries Association, New York, New York: two fellowships in ceramic engineering, academic year 1959-60	6 000 00
163. Eli Lilly and Company, Indianapolis, Indiana: fellowship in organic chemistry, academic year 1960-61	2 500 00
164. Lubrizol Foundation, Cleveland, Ohio: fellowship in chemistry, academic year 1960-61	3 000 00
165. Minneapolis-Honeywell Regulator Company, Minneapolis, Minnesota: fellowship in engineering or the physical sciences, academic year 1960-61	2 500 00
166. Minnesota Mining and Manufacturing Company, St. Paul, Minnesota: fellowships in chemistry, chemical engineering, and physics, academic years 1959-60 and 1960-61	12 200 00
167. Monsanto Chemical Company, St. Louis, Missouri: two fellowships, one in organic chemistry and one in chemistry (other than organic) or chemical engineering (\$2,650 each), academic year 1959-60; one fellowship in chemical engineering (\$2,650), academic year 1960-61; one fellowship in chemical engineering (\$650), 1959 and 1960 summer sessions	9 250 00
168. National Lead Company	4 400 00
Baroid Division, Houston, Texas: fellowship in geology, academic year 1960-61	\$ 2 400 00
National Lead Company, Niagara Falls, New York: fellowship in ceramic engineering, academic year 1960-61	2 000 00

169. Northern Illinois Gas Company, Aurora: fellowship in the Master of Business Administration Program in the College of Commerce and Business Administration.....	500 00
170. Edward Orton, Jr. Ceramic Foundation, Columbus, Ohio: two fellowships in ceramic engineering, academic year 1959-60.....	3 600 00
171. Owens-Corning Fiberglas Corporation, Newark, Ohio: fellowships in ceramic engineering.....	1 700 00
172. Parke, Davis, and Company, Detroit, Michigan: fellowship in chemistry, academic year 1959-60.....	2 250 00
173. Charles Pfizer and Company, Inc., Brooklyn, New York: fellowship in organic chemistry, academic year 1959-60.....	2 000 00
174. Phillips Petroleum Company, Bartlesville, Oklahoma: fellowship in chemistry, academic year 1959-60.....	2 500 00
175. Procter and Gamble Company, Cincinnati, Ohio.....	6 510 00
Fellowship in chemistry, academic year 1960-61.....	\$ 3 860 00
Fellowship in chemical engineering, academic year 1960-61.....	2 650 00
176. Radio Corporation of America, Princeton, New Jersey: fellowship in electrical engineering, academic year 1959-60.....	3 384 00
177. Raymond Concrete Pile Company, New York, New York: the Raymond Concrete Pile Company Fellowship, memorial to A. E. Cummings, academic year 1959-60.....	2 100 00
178. Raytheon Manufacturing Company, Waltham, Massachusetts: fellowship in physics, academic year 1959-60.....	2 850 00
179. Katharine L. Sharp Fellowship Fund: fellowship in library science.....	600 00
180. Shell Companies Foundation, Inc., New York, New York: two fellowships, one in chemical engineering (\$2,636) and one in geology (\$3,036), academic year 1959-60.....	5 672 00
181. Sinclair Research Laboratories, Inc., New York, New York: fellowship in organic chemistry, academic year 1960-61.....	2 500 00
182. Alfred P. Sloan Foundation, Inc., New York, New York: fellowships in engineering, academic year 1960-61.....	3 750 00
183. Socony Mobil Oil Company, Inc., Brooklyn, New York: fellowship in chemistry and chemical engineering, academic year 1960-61.....	3 206 00
184. Standard Oil Foundation, Inc., Chicago: fellowship in chemistry and chemical engineering, academic year 1960-61.....	3 000 00
185. Sun Oil Company, Marcus Hook, Pennsylvania: fellowship in chemistry, academic year 1959-60.....	3 350 00
186. Television Shares Management Corporation, Chicago: fellowship in engineering, academic year 1959-60.....	2 000 00
187. Texas Instruments, Incorporated, Dallas, Texas: fellowship in physics, academic year 1960-61.....	2 666 00
188. Toms River-Cincinnati Chemical Corporation, Cincinnati, Ohio: fellowship in chemistry and chemical engineering, academic year 1959-60.....	1 984 00
189. Toni Company, Division of the Gillette Company, Chicago: fellowship in chemistry, academic year 1959-60.....	4 000 00
190. Trane Company, LaCrosse, Wisconsin: fellowship in mechanical engineering, academic year 1960-61.....	2 000 00
191. Union Carbide Corporation.....	13 870 00
Union Carbide Metals Company, New York, New York: fellowship in mining and metallurgical engineering, academic year 1959-60.....	\$ 3 300 00
National Carbon Company, Cleveland, Ohio: fellowship in physics, academic year 1959-60.....	3 284 00
Union Carbide Plastics Company, Bound Brook, New Jersey: fellowship in chemistry, academic year 1959-60.....	3 650 00
Visking Company, Chicago: fellowship in chemical engineering, academic year 1959-60.....	3 636 00
192. United States Rubber Company, Wayne, New Jersey: fellowship in chemistry, academic year 1959-60.....	1 750 00
193. United States Steel Foundation, Inc., New York, New York: fellowship in physics, two-year period beginning September, 1959..	7 200 00

194.	Universal Match Corporation, St. Louis, Missouri: fellowship in chemistry, academic year 1959-60.....	2 500 00
195.	Upjohn Company, Kalamazoo, Michigan: fellowship in microbiology, academic year 1960-61.....	2 687 50
196.	H. W. Wilson Company, New York, New York: fellowship in library science, academic year 1960-61.....	500 00
197.	Woodrow Wilson National Fellowship Foundation, Princeton, New Jersey: fellowships, academic year 1959-60.....	28 000 00
198.	Zeta Phi Eta: fellowship in speech.....	624 99
199.	Various donors: fellowships in the School of Social Work.....	17 549 00
	Benton House	\$ 1 800 00
	Chicago Commons	1 800 00
	Chicago Community Trust.....	5 458 00
	Chicago Youth Center.....	1 800 00
	Jewish Community Centers of Chicago.....	2 800 00
	Wieboldt Foundation	2 091 00
	Young Men's Jewish Council.....	1 800 00
200.	Abbott Laboratories, North Chicago.....	7 510 00
	To the Department of Physiology for a study of the possible accelerating effects of bile salts and of ethylene diamine tetracetic acid (EDTA), a chelating agent, on the absorption of calcium from the gastrointestinal tract	\$ 4 510 00
	To the Department of Animal Science for studies on swine nutrition	1 500 00
	To the Department of Veterinary Research for a study on the treatment of <i>Leptospira pomona</i> infection in swine with erythromycin.....	1 500 00
201.	Allied Chemical Corporation, New York, New York.....	4 500 00
	To the Department of Agronomy for a study on ruminant nutrition with particular regard to energy and nitrogen utilization	\$ 2 500 00
	To the Department of Animal Science for a study of occurrence of residual nitrogen fertilizer among various soil fractures as indicated by isotopic nitrogen....	2 000 00
202.	Aluminum Company of America, Pittsburgh, Pennsylvania.....	3 500 00
	To the Department of Ceramic Engineering for a study of alumina in whitewares.....	\$ 1 000 00
	To the Department of Agricultural Engineering for a study of farm structures.....	2 500 00
203.	American Bird Products, Inc., Chicago: to the Department of Veterinary Pathology and Hygiene for a study of the epidemiology and control of psittacosis and psittacoid diseases.....	6 440 00
204.	American Cancer Society, Inc., New York, New York: to the Department of Microbiology.....	21 172 00
	A study of viruses (E32).....	\$ 1 452 00
	A study of animal viruses and virus-controlled cellular properties (E59B).....	19 720 00
205.	American Chemical Society, Washington, D.C.....	71 885 00
	To the Department of Chemistry and Chemical Engineering for a study of mechanism of radical reactions.....	\$ 5 825 00
	To the Department of Chemistry and Chemical Engineering for nuclear magnetic and electron spin resonance studies of hydrocarbons.....	20 000 00
	To the Department of Chemistry and Chemical Engineering for a study of the effects of angle-strain.....	5 860 00
	To the Department of Chemistry and Chemical Engineering for a study of oil soluble metal complexes....	6 300 00
	To the Department of Chemistry and Chemical Engineering for a study of ferrocene derivatives.....	6 700 00
	To the Department of Chemistry and Chemical Engineering for a study of diffusion mechanism: molecules in solution	7 800 00

	To the Department of Geology for a study of ancient sediments.....	6 000 00
	To the Department of Chemistry and Chemical Engineering for a study of organic reaction mechanisms....	7 100 00
	To the Department of Chemistry and Chemical Engineering for research on catalysis of stirred reactors....	6 300 00
206.	American Cyanamid Company, Stamford, Connecticut: to the Department of Agronomy for a study of weed control.....	1 000 00
207.	American Dairy Association: to the Department of Food Technology.....	25 500 00
	A cooperative study on the relationship of milk protein to serum cholesterol levels.....	\$ 3 500 00
	A study of the possible anti-atherogenic effect of butterfat.....	6 000 00
	A study of the protein-fat combining reactions in mixtures of protein with butterfat and other fats and oils during heating.....	10 000 00
	A study of the effect of fats including butterfat on body fat composition.....	6 000 00
208.	American Food Laboratories, Brooklyn, New York: to the Department of Food Technology for a study of liquid stabilizers in high temperature processing of ice cream mixes.....	750 00
209.	American Iron and Steel Company: to the Department of Theoretical and Applied Mechanics.....	42 000 00
	A study of the cause of failures in railroad rails in service.....	\$25 000 00
	A study of welded wire fabric.....	17 000 00
210.	American Management Association, New York, New York: to the College of Commerce and Business Administration for a study of general organization functions in business.....	416 00
211.	American Mathematical Society: to the Department of Mathematics, contribution to the cost of publishing a Journal of Mathematics (also financed in part by assignments from the George A. Miller Endowment).....	1 200 00
212.	American Potash Institute, Incorporated: to the Department of Agronomy for a study of requirements for biochemical function of potassium by crop plants.....	2 500 00
213.	Armour and Company, Chicago: to the Department of Food Technology for studies in fats and oils.....	3 000 00
214.	Association of American Railroads: to the Department of Civil Engineering.....	1 500 00
	A study of roadbed stabilization.....	\$ 500 00
	A study of performance of filter material in subdrains..	1 000 00
215.	Battle Creek Equipment Company: to the Department of Physical Education for Men for a study of trim machines.....	1 200 00
216.	Bendix Aviation Corporation, South Bend, Indiana: to the Department of Ceramic Engineering for a study of thermal diffusivity and elastic moduli of ceramic-metal combinations at elevated temperatures.....	29 511 58
217.	Ethel Burnside, Paris: to the Department of Food Technology for a study of dietary cholesterol.....	6 005 32
218.	California Company, New Orleans, Louisiana: to the Department of Civil Engineering for fundamental research.....	250 00
219.	California Spray Chemical Corporation: to the Department of Plant Pathology for a study of fungicides.....	1 000 00
220.	Cargill Foundation, Minneapolis, Minnesota: to the Department of Agronomy for studies of rock phosphates.....	750 00
221.	Carnation Company, Los Angeles, California: to the Department of Home Economics for studies on performance of instant mashed potatoes in quantity food preparation and service.....	1 000 00
222.	Carnegie Corporation of New York: to the University High School.....	163 350 00
	Development of new high school mathematics program.....	\$99 300 00

	Development of new elementary school arithmetic curriculum.....	64 050 00
223.	Carnegie Corporation of New York: part of a grant to the Council of Ten and the University of Chicago for studies of institutional cooperation and allocated to the following for studies by those departments.....	5 616 18
	College of Education.....	\$ 1 200 00
	Department of City Planning and Landscape Architecture.....	1 500 00
	Department of Geography.....	1 416 18
	Department of Physiology.....	1 500 00
224.	Caterpillar Tractor Co., Peoria.....	4 100 00
	To the Department of Mechanical and Industrial Engineering for research in photoelasticity.....	\$ 1 100 00
	To the Department of Civil Engineering for a study of U-shaped beams.....	3 000 00
225.	Cities Service, Inc.: to the Department of Civil Engineering for a study dealing with the properties of sand.....	5 000 00
226.	Commercial Solvents Corporation: to the Department of Animal Science for a study on vitamins and growth factors in swine nutrition.....	3 000 00
227.	Commonwealth Edison Company: to the Department of Civil Engineering for a study of lime pozzolan mixtures.....	5 700 00
228.	Consolidated Electrodynamics Corporation, Pasadena, California: to the Department of Ceramic Engineering for research in the area of hermetic seals and electrical properties of special glasses.....	3 150 00
229.	Consumers' Union, Mount Vernon, New York: to the Bureau of Economic and Business Research for consumer surveys.....	904 00
230.	Corn Industries Research Foundation, Inc., Washington, D.C....	16 665 00
	To the Department of Home Economics for studies on the behavior of starches in food products.....	\$ 6 665 00
	To the Department of Food Technology for studies on protective carbohydrate coatings.....	10 000 00
231.	Corn Products Refining Company, Chicago: to the Department of Animal Science for a study of carbohydrates and unidentified growth factors for the baby pig.....	1 500 00
232.	Council on Economic and Cultural Affairs, Inc., New York, New York: to the Department of Agricultural Economics for studies and tabulating of information on farms and the management of farms in India.....	3 000 00
233.	Creole Petroleum Corporation, New York, New York: to the Department of Civil Engineering for a study of casing.....	15 825 00
234.	Crop-Hail Insurance Actuarial Association: to the State Water Survey for a study of hail storms.....	6 000 00
235.	Dawe's Laboratories, Inc., Chicago: to the Department of Animal Science for a study on rations for broiler production.....	2 000 00
236.	DeKalb Agricultural Association, Inc., DeKalb: to the Department of Agronomy for studies on dwarf corn.....	5 000 00
237.	E. I. du Pont de Nemours and Company, Wilmington, Delaware..	28 000 00
	To the Department of Chemistry and Chemical Engineering for research in chemistry (\$15,000), in chemical engineering (\$5,000), and in physics (\$5,000).....	\$25 000 00
	To the Department of Animal Science for studies on lysine nutrition of the pig.....	3 000 00
238.	Engineering Foundation: to the Department of Civil Engineering for studies of alloy steels, fatigue data, and structural joints....	13 850 00
239.	Exercycle Corporation: to the Department of Physical Education for Men for research.....	2 500 00
240.	Food Machinery Chemical Corporation, Niagara Chemical Division: to the Department of Plant Pathology for studies on fruit fungicides.....	500 00
241.	Ford Foundation, New York, New York.....	190 371 00
	To the Department of Sociology for research on the effectiveness of the federal correctional system.....	\$53 271 00

	For the released time of faculty for educational television programming	47 500 00
	To the Bureau of Economic and Business Research and the Executive Development Center for a workshop on the administration of business research.....	24 000 00
	To the University Press for the support of scholarly publications in the humanities and the social sciences..	5 600 00
	To the Bureau of Economic and Business Research for a study of family savings.....	60 000 00
242.	General Motors Corporation, Electronics Division, Milwaukee, Wisconsin: to the Department of Theoretical and Applied Mechanics for research expenses in connection with a fellowship,...	500 00
243.	Mr. J. Gordon, Utica, Ohio: to the University High School for a study of nonverbal awareness.....	50 00
244.	Grace Chemical Company: to the Department of Animal Science for a study on non-protein nitrogen in sheep nutrition.....	2 500 00
245.	Granite City Steel Company: to the Department of Agricultural Engineering for a study of methods of providing optimum environment for sows and pigs under farm farrowing conditions..	2 500 00
246.	Griffin Wheel Company.....	48 367 00
	To the Department of Ceramic Engineering for a study of steel casting refractories.....	\$24 200 00
	To the Department of Theoretical and Applied Mechanics for a study of railway wheels.....	24 167 00
247.	Hercules Powder Company, Wilmington, Delaware: to the Department of Chemistry and Chemical Engineering for educational and research programs.....	4 000 00
248.	Hess Clark Division of Vick Chemical Company: to the Department of Veterinary Research for a study to assess the effect of furazolidone on the livability and growth of mink, three to fourteen months of age, and on breeding mink, in relation to size and number of kits produced.....	6 612 50
249.	Hoffman-LaRoche, Inc., Nutley, New Jersey: to the Department of Animal Science.....	5 959 00
	Studies of biological method for the determination of Vitamin E deficiency.....	\$ 4 000 00
	Research on biotin metabolism.....	1 959 00
250.	Illinois Dairy Producers Association, Inc.: to the Department of Dairy Science for cream quality research.....	5 207 18
251.	Illinois Farm Supply Company, Chicago.....	2 400 00
	To the Department of Dairy Science for research in dairy cattle feeding.....	\$ 600 00
	To the Department of Animal Science for studies in swine nutrition	1 800 00
252.	Illinois Heart Association: to the Department of Food Technology for a study of dietary cholesterol.....	3 000 00
253.	Illinois Savings and Loan League: to the Department of Finance for research	1 390 30
254.	Illinois Seed Producers Association, Inc.....	10 000 00
	To the Department of Agronomy for corn research...\$ 7 500 00	
	To the Department of Plant Pathology for corn research.....	2 500 00
255.	Institute of Boiler and Radiator Manufacturers: to the Department of Mechanical and Industrial Engineering for a study of steam and water heating.....	38 000 00
256.	International Minerals and Chemical Corporation, Chicago: to the Department of Agronomy for a study on factors influencing the decomposition of rock phosphate in soils.....	2 000 00
257.	Iowa State University, Ames, Iowa: to the Department of Electrical Engineering for a study of hyperkinetic disorder.....	7 066 00
258.	Kewanee Machinery and Conveyor Company, Kewanee: to the Department of Agricultural Engineering for a study on elevators for filling vertical silos.....	1 500 00

259.	Kretschmer Wheat Germ Corporation, Carrollton, Michigan: to the College of Physical Education for wheat germ oil research...	1 600 00
260.	Lalor Foundation, Wilmington, Delaware: to the Department of Animal Science for studies on the influence of both active and passive immunity of males and females with antigens of gonadal origin on subsequent reproductive performance.....	4 600 00
261.	Eli Lilly and Company, Indianapolis, Indiana: to the Department of Animal Science for studies on the evaluation of antibiotics in swine nutrition	3 000 00
262.	Lumber Dealers Research Council, Washington, D.C., and Plywood Fabricator Service, Inc., Chicago: to the Small Homes Council-Building Research Council for costs involved in the manufacture and erection of certain house components.....	1 000 00
263.	Elizabeth McCormick Memorial Fund, Chicago: to the Institute for Research on Exceptional Children for research.....	15 000 00
264.	Malting Barley Improvement Association, Milwaukee, Wisconsin: to the Department of Agronomy for studies on barley improvement.....	690 00
265.	Merck and Company, Inc., Rahway, New Jersey: to the Department of Animal Science for studies on growth stimulants for swine	3 000 00
266.	Merrill Foundation for Advancement of Financial Knowledge, Inc., New York, New York: to the Department of Economics for studies on commercial bank loan and investment policy.....	4 724 58
267.	Midwest Agricultural Limestone Institute: to the Department of Agronomy for a study of soil management.....	500 00
268.	Mrs. C. Philip Miller, Chicago: to add to the Mississippi Forest Trust Fund in support of forestry research.....	2 850 48
269.	Mink Farmers Research Foundation, Inc., Milwaukee, Wisconsin: to the Department of Veterinary Research for studies on virus enteritis of mink.....	5 500 00
270.	Monsanto Chemical Company, St. Louis, Missouri..... To the Department of Animal Science for studies on function of antioxidants in animal biochemistry.....\$ 4 000 00 To the Department of Plant Pathology for studies on function of antioxidants in animal biochemistry..... 500 00 To the Department of Chemistry and Chemical Engineering for research..... 2 650 00	7 150 00
271.	Moorman Manufacturing Company, Quincy: to the Department of Animal Science for a study on the nutritional quality of pig starter rations	5 200 00
272.	Mark L. Morris Animal Foundation: to the Department of Veterinary Research for a study of serum protein of dogs.....	2 415 00
273.	Mosinee Paper Mills Company, Mosinee, Wisconsin..... To the Department of Agricultural Engineering.....\$ 1 000 00 To the Department of Horticulture for studies on mulching with paper..... 2 000 00	3 000 00
274.	Muscular Dystrophy Associations of America, Inc., New York, New York: to the Department of Animal Science for studies on the metabolism of radioactive Vitamin E in the rat.....	6 750 00
275.	National Distillers and Chemical Corporation, New York, New York: to the Department of Agronomy for research.....	3 000 00
276.	National Educational Television and Radio Center: to the University High School for a mathematics study, including \$13,242.14 for the purchase of equipment for this study.....	83 242 14
277.	National Lead Company, Titanium Division, South Amboy, New Jersey: to the Department of Chemistry and Chemical Engineering for research.....	5 975 00
278.	National Lime Association, Washington, D.C.: to the Department of Geology for a study by X-ray diffraction and other methods the reactions in the clay minerals and other mineral components of various types of soils when treated with lime for the purpose of stabilization for road surfaces.....	4 400 00

279.	National Livestock and Meat Board, Chicago: to the Department of Food Technology for studies in biological utilization of fatty acid isomers	8 500 00
280.	Division of National Missions of the Board of Missions of the Methodist Church of Philadelphia, Pennsylvania: an extension of a research project in rural sociology	750 00
281.	National Roofing Contractors Association: to the Small Homes Council-Building Research Council for research on roofs	10 500 00
282.	National Society for Crippled Children and Adults, Chicago: to the Student Rehabilitation Center for a study on the development of specifications for buildings and facilities to independently accommodate individuals in wheelchairs and individuals with other severe forms of physical disability	10 918 00
283.	National Vitamin Foundation, Inc.	21 802 00
	To the Department of Animal Science for research	\$10 050 00
	To the Department of Dairy Science for research	5 000 00
	To the Radiocarbon Laboratory for research on radio-active Vitamin A	6 752 00
284.	National Warm Air Heating and Air Conditioning Association: to the Department of Mechanical and Industrial Engineering for a study of heating, ventilating, and air conditioning as related to warm air furnace heating	29 897 81
285.	Northern Illinois Breeding Co-op of Hampshire, Illinois: to the Department of Dairy Science for studies on research in the area of artificial breeding	5 737 50
286.	Olin Mathieson Corporation, East Alton: to the Department of Agronomy for ammonia phosphate studies	750 00
287.	Pennsalt Chemicals Corporation: to the State Natural History Survey for research	1 495 06
288.	Charles Pfizer and Company, Inc., Brooklyn, New York: to the Department of Animal Science for a study to evaluate amino acids, unidentified growth factors, vitamins, and antibiotics in swine	1 500 00
289.	Portland Cement Association, Chicago	15 000 00
	To the Department of Agricultural Engineering for studies on lightweight reinforced concrete rigid frames for farm structures	\$ 3 000 00
	To the Department of Civil Engineering for a study of the strength and deformation characteristics of reinforced concrete beam-column connections subjected to axial and transverse loads	12 000 00
290.	Procter and Gamble Company, Cincinnati, Ohio: to the Department of Chemistry and Chemical Engineering for a study of natural lipids	12 000 00
291.	Quaker Oats Company, Chicago: to the Department of Agronomy for studies on breeding for yellow dwarf (red leaf) resistance in spring and winter oats and for improved winter hardiness in winter oats	2 800 00
292.	Reinforced Concrete Research Council: to the Department of Civil Engineering for a study of floor slabs	10 000 00
293.	Research Corporation, New York, New York: to the Department of Chemistry and Chemical Engineering for research	5 200 00
294.	Rockefeller Foundation, New York, New York	50 518 08
	To the Department of Entomology for research	\$27 864 89
	To the Department of Dairy Science for research	13 161 69
	To the Department of Agronomy for research on maize polyploids and plant metabolism	9 491 50
295.	Rohm and Haas Company, Philadelphia, Pennsylvania: to the Department of Chemistry and Chemical Engineering for research	5 000 00
296.	Royal McBee Corporation: to the College of Education for a study of elementary typing	7 307 25
297.	Sears-Roebuck Foundation: to the Department of City Planning and Landscape Architecture for a study of community approaches	1 550 00

298.	Shell Chemical Corporation: to the State Natural History Survey for research on insecticides.....	2 500 00
299.	SKF Industries, Incorporated: to the Department of Theoretical and Applied Mechanics for studies of failure of surfaces of rolling contact	5 000 00
300.	Alfred P. Sloan Foundation, Inc., New York, New York: To the Department of Chemistry and Chemical Engineering for research.....	92 475 00
	To the Department of Physics for research.....	\$25 000 00
301.	Society for the Investigation of Human Ecology, Forest Hills, New York: to the Institute of Communications Research for a study of the cross-cultural generality of meaning systems.....	67 475 00
302.	Socony Mobil Oil Company, Inc., Paulsboro, New Jersey: to the Department of Chemistry and Chemical Engineering for research in the field of metal coordination complexes.....	23 089 50
303.	Soft Phosphate Research, Incorporated: to the Department of Animal Science for a study of phosphate in swine nutrition.....	4 000 00
304.	Southern Illinois Breeding Association, Breese, Illinois: to the Department of Dairy Science for studies on artificial breeding...	1 000 00
305.	Specified, Inc., Indianapolis, Indiana: to the Department of Animal Science for studies on injectable iron compounds in pig nutrition	3 725 00
306.	A. E. Staley Manufacturing Company, Decatur.....	1 500 00
	To the Department of Plant Pathology for studies on fungicides.....	3 000 00
	To the Department of Chemistry and Chemical Engineering for research.....	\$ 500 00
307.	State University of Iowa, Iowa City, Iowa: to the Department of Electrical Engineering for a study of hyperkinetic disorder...	2 500 00
308.	Stauffer Chemical Company, San Francisco, California: to the Department of Agronomy for studies on herbicides.....	10 000 00
309.	Stevenson, Jordan, and Harrison, Inc., New York, New York: to the Department of Mechanical and Industrial Engineering for research on a predetermined time system.....	800 00
310.	Target Rock Foundation, Inc., New York, New York: to the Department of Botany to support an oriental art study project...	3 500 00
311.	Tee-Pak Foundation: to the Department of Food Technology for research on meat deterioration.....	200 00
312.	Texaco, Inc.: to the Department of Agricultural Engineering for a study on methods and machines for more efficient application of anhydrous ammonia, aqua ammonia, and slurries of dry and liquid nutrients	3 500 00
313.	Union Carbide Corporation.....	500 00
	To the Department of Chemistry and Chemical Engineering for fundamental research.....	\$ 200 00
	To the Department of Mechanical and Industrial Engineering for fundamental research.....	300 00
314.	Upjohn Company, Kalamazoo, Michigan: to the Department of Plant Pathology for a study on new antibiotics.....	6 000 00
315.	Various donors: to the Department of Marketing for marketing and thesis research.....	435 38
316.	Various donors: to the Department of Civil Engineering for research on lime pozzolan products.....	13 200 00
	Marblehead Lime Company, Chicago.....	\$ 1 200 00
	National Lime Association.....	7 500 00
	G. and W. H. Corson, Plymouth, Massachusetts.....	2 250 00
	Pozzolan Products Company, Inc., Chicago.....	2 250 00
317.	Various donors: to the College of Agriculture for farm electrification research	15 390 00
	Association of Illinois Electric Cooperatives.....	\$ 7 000 00
	Central Illinois Electric and Gas Company.....	425 00
	Central Illinois Light Company.....	550 00
	Central Illinois Public Service Company.....	1 250 00

Commonwealth Edison Company.....	3 500 00	
Illinois Power Company.....	2 450 00	
Iowa-Illinois Gas and Electric Company.....	60 00	
Interstate Power Company.....	52 00	
Mount Carmel Public Utility.....	60 00	
Union Electric Company.....	43 00	
318. Velsicol Chemical Corporation, Chicago.....		4 500 00
To the State Natural History Survey for research....	\$ 2 000 00	
To the Department of Zoology for research on the toxicology of insecticides.....	2 500 00	
319. VioBin Corporation, Monticello.....		12 599 98
To the Department of Physical Education for Men for research on physical fitness.....	\$ 6 049 98	
To the Department of Animal Science for studies on the metabolism of octacosonal in animal nutrition and on the safety of feeding whole dried fish meal.....	6 550 00	
320. Hiram Walker and Sons, Inc.: to the Department of Animal Science for research.....		3 366 88
321. Welding Research Council: to the Department of Civil Engineer- ing to investigate the effects of welding and stress relief treat- ments on the low temperature behavior of steel plate weldments..	13 750 00	
Total Funds for Graduate Fellowships and Research.....	\$1 935 683 83	
<i>Funds for Educational, Research, and Cultural Facilities</i>		
322. Abbott Laboratories, North Chicago: to the College of Veterinary Medicine to complete a film on Leptospirosis.....	\$ 1 300 00	
323. Alcoa Foundation, Pittsburgh, Pennsylvania: to the Department of Art for the enrichment of the Department's program in indus- trial design		1 000 00
324. American Accounting Association: to the Department of Ac- countancy for publishing an academic bulletin.....		300 00
325. American Steel Foundries Foundation, Chicago: to the Depart- ment of Mechanical and Industrial Engineering for cast metals education (this grant is in recognition of the outstanding work being done in cast metals education at the University of Illinois)...		750 00
326. Babcock and Wilcox Company, New York, New York: to the College of Engineering for engineering and technical education..		1 050 00
327. Continental Can Company, New York, New York: to the College of Engineering to develop closer student-faculty relations.....		500 00
328. Dow Chemical Company, Midland, Michigan: a grant-in-aid to the division of organic chemistry (the grant is being used to pur- chase equipment for the division).....		7 000 00
329. Dow Corning Corporation: an unrestricted grant-in-aid to the Department of Chemistry and Chemical Engineering.....		500 00
330. Ford Foundation, New York, New York.....		275 934 10
For experimental projects for strengthening engineer- ing faculties	\$275 000 00	
To the Department of Accountancy for a summer seminar	934 10	
331. Fund for Adult Education, New York, New York: to the Illinois Cooperative Extension Service, University of Illinois, for partici- pation in the Fund for Adult Education-Cooperative Extension Services Project in Public Affairs and for Public Responsibilities (Illinois was one of six states chosen to participate in this project; the total amount of the grant will be \$40,000.00 and will cover the period July 1, 1959, through December 31, 1961).....		17 500 00
332. Illinois Citizenship Clearing House: to the Institute of Govern- ment and Public Affairs (the Illinois Citizenship Clearing House was established in March, 1956, as a part of the national program to promote the interest of college students and graduates in partici- pation in the activities of political parties of their choice).....		5 250 00
333. Illinois State Florists Association, Urbana: to the division of floriculture and ornamental horticulture for the purchase of equipment		2 500 00

334. Institute of Life Insurance, New York, New York: for a workshop on education in family finance.....	10 807 50
335. Kappa Tau Alpha, national honorary society in journalism: for expenses of an annual journalism banquet.....	437 00
336. Mrs. Herman C. Krannert, Indianapolis, Indiana: for the purchase of a painting, "Christ After the Flagellation" by Murillo, at at cost of \$68,000; the remainder to be added to the fund for the construction of the Krannert Art Museum.....	71 023 91
337. Moorman Manufacturing Company, Quincy: for buildings, equipment, and other facilities for animal breeding research.....	50 000 00
338. National Association of Secondary School Principals.....	8 141 50
To the University Council on Teacher Education, Placement and Follow-Up, for secretarial assistance in the staff utilization program.....	\$ 3 341 50
To the University High School for experimental work in teaching of biology, French, and chemistry.....	4 800 00
339. Northwestern Steel and Wire Company, Sterling, Illinois: to the Institute of Labor and Industrial Relations building fund.....	1 000 00
340. Children of the late Professor C. W. Parmelee: to the Department of Ceramic Engineering royalties on Professor Parmelee's book "Glazes," as a memorial to their father.....	207 00
341. Nina C. Peairs: for the Isabel Bevier Lectureship in Home Economics.....	200 00
342. Perkins and Will, Chicago: to the Department of Architecture for instructional facilities.....	1 000 00
343. Prairie Club of Chicago: to the Committee on Natural Areas and Uncultivated Lands for maintenance of Volo and Wauconda Bogs.....	25 00
344. Ramo-Wooldridge, Los Angeles, California: to the Department of Electrical Engineering for purchase of equipment for graduate instruction and research.....	1 000 00
345. Rockefeller Foundation, New York, New York: to the Department of Philosophy to prepare a biography of Charles Sanders Pierce.....	9 300 00
346. Tile Council of America, Inc., New York, New York: to the Department of Architecture for the purchase of equipment.....	250 00
347. VioBin Corporation, Monticello: to the Department of Physical Education for Men for honoraria for speakers at the Colloquium on Scientific Aspects of Exercise and Fitness.....	1 000 00
348. Warner Brothers Pictures, Inc.: an unrestricted grant to the Natural History Museum.....	50 00
349. Whirlpool Corporation, St. Joseph, Michigan: to the Department of Food Technology for studies on the storage of leafy vegetables using different gases, relative humidity, and temperature as variables.....	2 500 00
350. An industrial corporation: to the Institute of Aviation for airport facilities and improvements.....	12 000 00
(The corporation has requested that this be listed as a gift from an anonymous donor.)	
<i>Total, Funds for Educational, Research, and Cultural Facilities.....</i>	<i>\$482 526 01</i>

Educational Grants Fund

The Board of Trustees has established this fund and has authorized the President to make assignments from it for non-recurring educational purposes. The income is composed of grants from foundations, business and industrial corporations to the University in recognition of the educational costs involved in accepting fellowships and scholarships, and of the service expense in administration of research grants. Contributions deposited in this fund received from:

351. Alcoa Foundation, Pittsburgh, Pennsylvania.....	\$ 125 00
352. Armco Steel Corporation, Middletown, Ohio.....	100 00

353. Budd Company, Philadelphia, Pennsylvania.....	240 00
354. Campbell Soup Company, Chicago.....	7 000 00
355. Carl C. Conway Scholarship Foundation, New York, New York.....	600 00
356. Corn Products Company, Chicago.....	1 580 00
357. Creole Foundation, New York, New York.....	500 00
358. General Motors Corporation, Detroit, Michigan.....	1 000 00
359. Major General Joseph H. Harper, Chicago.....	100 00
360. Hunt Foundation, Pittsburgh, Pennsylvania.....	125 00
361. International Business Machines, Poughkeepsie, New York..	2 000 00
362. International Nickel Company, Inc., New York, New York..	500 00
363. Kennecott Copper Corporation, New York, New York.....	1 000 00
364. Owens-Corning Fiberglas Corporation, Toledo, Ohio.....	500 00
365. Owens-Illinois Corporation, Toledo, Ohio.....	1 200 00
366. Rockefeller Foundation, New York, New York.....	5 000 00
<i>Total, Educational Grants Fund.....</i>	<i>\$ 21 570 00</i>

United States Government Grants and Research Contracts

367. Air Force	\$ 1 637 163 02
368. Army Chemical Corps.....	20 461 24
369. Army Ordnance	259 488 47
370. Army Quartermaster Corps.....	25 820 76
371. Army Signal Corps.....	1 323 963 57
372. Army Surgeon General.....	93 742 75
373. Atomic Energy Commission.....	1 278 960 79
374. Army Institute	1 877 00
375. Bureau of Public Roads.....	15 457 31
376. Defense Atomic Support Agency.....	26 744 22
377. Department of Agriculture.....	63 797 00
378. Department of State.....	42 170 00
379. Engineering Center	50 731 16
380. Fifth Army	1 291 24
381. International Cooperation Administration.....	424 477 21
382. National Academy of Sciences.....	25 373 78
383. National Aeronautics and Space Administration.....	113 001 00
384. National Science Foundation.....	1 546 660 78
385. Naval Training Center.....	26 659 50
386. Navy Bureau of Ships.....	277 723 48
387. Office of Education.....	263 281 00
388. Office of Naval Research.....	1 651 519 93
389. Office of Vocational Rehabilitation.....	64 525 36
390. Public Health Service.....	1 528 918 18
391. Small Business Administration.....	7 750 00
392. Tennessee Valley Authority.....	3 801 72
<i>Total, United States Government Grants and Research Contracts</i>	<i>\$10 775 360 49</i>

Research and Public Service Contracts with State of Illinois Agencies

393. State Public Aid Commission.....	\$ 13 000 00
394. State Superintendent of Public Instruction.....	12 349 48
395. State Department of Agriculture.....	4 448 00
396. State Department of Public Welfare.....	74 349 93
397. Cities and Villages Municipal Problems Commission.....	19 000 00
398. State Department of Public Works and Buildings, Division of Highways.....	317 902 05
399. State Housing Board.....	5 000 00
400. Department of Registration and Education.....	16 726 85
401. Department of Public Safety.....	68 673 09

Total, Research and Public Service Contracts with State of Illinois Agencies.....

\$531 450 30

Gifts of Equipment, Livestock, Library Materials, Works of Art

402. Anonymous donor: to the Department of Animal Science, twenty bred heifers and one prize bull (estimated value \$19,800.00).

403. Chrysler Corporation, Detroit, Michigan: to the Department of Mechanical and Industrial Engineering, a new six-cylinder Valiant engine (estimated value \$600.00).
404. Mrs. Anna Sage Finley, Hoopeston: to the School of Music Library, a collection of phonograph records.
405. Estate of Velma L. Greer: to the Department of Home Economics, gowns for the Department's historic costume collection.
406. Illinois Seed Producers Association, Inc., Champaign: to the Department of Agronomy, new irrigation equipment (value \$15,102.94).
407. Kinjo Women's College, Aichi-Ken, Japan: to the Department of Home Economics, a model (valued at \$150.00), child's kimono, tie-dyed scarf, and embroidered and crocheted pieces from Japan.
408. Knoedler Manufacturers, Inc., Streator: to the Department of Animal Science, a twelve-foot auger wagon, model 52-R, with tandem wheel assembly and a twelve-foot auger boom (valued at \$1,233.37).
409. Nagle Pumps, Inc., Chicago Heights: to the Department of Mining and Metallurgical Engineering, cyclone feed pump (valued at \$500.00).
410. Henry A. Petter Supply Company, Paducah, Kentucky: to the Dixon Springs Experiment Station, supplies (valued at \$3,586.67), and to the Physical Plant Department, grinding wheels (valued at \$547.27).
411. Sudler and Company, managing agents of the Chicago Stock Exchange Building, Chicago: to the Department of Architecture, three cast iron elevator grilles.
412. Texaco, Incorporated, Lawrenceville: to the division of chemical engineering, a Leeds and Northrup infra-red analyzer.
413. Waukesha Motor Company, Waukesha, Wisconsin: to the Department of Mechanical and Industrial Engineering, a Model 195DLB six-cylinder diesel engine (valued at \$2,000.00).
414. Westinghouse Electric Corporation: for the Measurement Program in the College of Engineering, a frequency meter (valued at \$262.68).
415. Philip K. Wrigley, Chicago: to the Institute of Aviation, a Widgcon G44 sea plane.
416. Various donors: to the College of Fine and Applied Arts the gifts listed:
 - Mr. and Mrs. Phillip Bruno, New York, New York: four ink drawings by Pierre Lagage (valued at \$50.00).
 - Mr. and Mrs. Herman E. Cooper, New York, New York: two paintings, "Sunlight and Shadows" by Victor Charreton (valued at \$2,500.00) and "Nude" by Raphael Soyer.
 - Miss Giovanna Dompe, Rome, Italy: "The Duel," marble relief, by Tina Dompe (valued at \$50.00).
 - Mrs. Spencer Ewing, Oberlin, Ohio: a mahogany floor clock (valued at \$600.00).
 - Professor David Gottlieb, Urbana: an engraving, "King Henry VIII" by Thomas Stothard (valued at \$100.00).
 - Mr. I. Austin Kelly III, New York, New York: a painting "Portrait of Dame Van Daems" by Bartholomeus van der Helst (valued at \$10,000.00).
 - Mr. and Mrs. Louis Livingston, Urbana: a Chinese mandarin coat (valued at \$200.00).
 - Mr. Louis Moss, Chicago: a painting, "Portrait of a Lady" by Dirck Dircksz Santvoort (valued at \$9,500.00).
 - Mr. and Mrs. Morrie A. Moss, Memphis, Tennessee: a painting, "A Riding Scene" by Nicolas Berghem.
 - The National Academy of Design, New York, New York: a painting, "Wreck of the Sea Prince" by John C. Pellaw.
 - Mrs. Stacy Rankin, Palm Beach, Florida: two monumental bronze statues by Emmanuel Fremiet, "Gorilla and Woman" and "Bear and Man."

417. Various donors: to the Department of Electrical Engineering the equipment listed:
 Crossley Associates, Inc., Chicago (estimated value \$1,800.00).
 International Business Machines (estimated value \$900.00).
 G. H. Leland, Inc., Dayton, Ohio (estimated value \$25.00).
 Mark Products Company, Morton Grove (estimated value \$225.00).
 Western Electric Company, Chicago (estimated value \$60.00).
 Western Electric Company, Kearny, New Jersey (estimated value \$75.00).
 Western Electric Company, New York, New York (estimated value \$90.00).
 Westinghouse Electric Corporation, East Pittsburgh, Pennsylvania (estimated value \$2,600.00).
Total, Colleges and Schools at Urbana-Champaign.....\$14 008 471 97

Professional Colleges and Undergraduate Division at Chicago

Scholarships, Prizes, and Other Financial Aids

418. American Foundation for Pharmaceutical Education: scholarships in pharmacy.....\$ 400 00
 419. Miss Bertha Berkelhamer: for the annual Doctor Ralph C. Berkelhamer Scholarship 100 00
 420. Charles P. Bondy Memorial Fund for Pharmacy: to establish a scholarship fund for students in the College of Pharmacy..... 5 000 00
 421. Douglas Pharmaceutical Council: a scholarship in pharmacy.... 200 00
 422. Evanston Drama Club: to add to scholarship fund in the Department of Orthopaedic Surgery..... 500 00
 423. Ford Hopkins Drug Company: scholarship in pharmacy, academic year 1960-61..... 200 00
 424. Goldenrod Ice Cream Company, Chicago: two scholarships (\$200.00 each) in pharmacy..... 400 00
 425. Humiston-Keeling Company, Chicago: two scholarships (\$200.00 each) in pharmacy..... 400 00
 426. Illinois Federation of Women's Clubs, Chicago: scholarships in occupational therapy 1 577 86
 427. Illinois Occupational Therapy Association: scholarships in occupational therapy 600 00
 428. Lag Drug Company: scholarship in pharmacy, academic year 1959-60..... 200 00
 429. Dr. Felix P. Mooney, Bristol, Pennsylvania: for the Patrick and Bertha Mooney Scholarship in Medicine, academic year 1959-60.. 500 00
 430. Osco Drug Company, Inc.: scholarships in pharmacy..... 800 00
 431. Sargent's Drug Store: scholarship in pharmacy, academic year 1960-61..... 200 00
 432. Maurice Skelton Memorial Fund: scholarships in pharmacy..... 831 50
 433. Stineway Drug Company: scholarship in pharmacy, academic year 1960-61..... 200 00
 434. Various donors: to the Michael Henry Streicher Memorial Fund for scholarships in medicine..... 105 00
 435. Women's Auxiliary of the Chicago Professional Colleges: scholarships in pharmacy and medicine..... 1 550 00
 436. Women's Architectural League, Chicago: scholarships in architecture at the Chicago Undergraduate Division..... 800 00
 437. Dr. Lester D. Kaplin, an alumnus of the College of Dentistry: for prizes to students in the graduating class excelling in dentistry 50 00
 438. Midwest Oral Rehabilitation Study Group: for the Stanley D. Tylman Award for an outstanding fourth-year student in the College of Dentistry..... 125 00
 439. Dr. E. Frank Goodman, Bell Gardens, California: to the Aaron Goodman Memorial Loan Fund in the College of Medicine (this fund was established in 1958 in memory of Dr. Goodman's father) 300 00
 440. Merck Company Foundation, Rahway, New Jersey: for the George W. Merck Memorial Loan Fund to provide loans to interns and residents..... 4 000 00

441. Women's Auxiliary of the Chicago Professional Colleges: for a student loan fund.....	2 000 00
<i>Total, Scholarships, Prizes, and Other Financial Aids.....</i>	<i>\$21 039 36</i>

Funds for Fellowships and Research

442. American Cancer Society: expenses in connection with a fellow supported directly by the Society.....	\$ 500 00
443. American Psychiatric Association: fellowships in psychiatry....	1 200 00
444. Arthritis and Rheumatism Foundation: fellowship in pathology..	500 00
445. Asthmatic Children's Aid: to the Department of Medicine for summer student assistantships.....	1 200 00
446. Austenal, Incorporated, Chicago: fellowships in the College of Dentistry.....	7 500 00
447. Samuel Higby Camp Foundation: fellowship in orthopaedic surgery.....	1 500 00
448. Ciba Pharmaceutical Products, Inc., Summit, New Jersey: fellowships.....	600 00
449. Lederle Laboratories, Pearl River, New York: two summer fellowships in medicine.....	1 200 00
450. Polly Annenberg Levee Charitable Trust, Philadelphia, Pennsylvania: for the Dr. B. B. Rappaport Student Dental Research Assistantship in the College of Dentistry.....	3 000 00
451. Merck Company Foundation, Rahway, New Jersey: fellowships..	1 200 00
452. National Council to Combat Blindness, Inc.: fellowship in ophthalmology.....	600 00
453. Smith, Kline, and French Foundation, Philadelphia, Pennsylvania: summer fellowships	2 400 00
454. Bequest of Dr. Henry Bascom Thomas: for the Dr. and Mrs. Henry Bascom (Louise) Thomas Fellowship for graduate medical students (this bequest was reported to the Board on March 12, 1959)	10 000 00
455. Tobacco Industry Research Committee: summer fellowship.....	500 00
456. Upjohn Company, Kalamazoo, Michigan: fellowships in pharmacology.....	5 000 00
457. Various donors: for the Dr. B. B. Rappaport Student Dental Research Assistantship in the College of Dentistry.....	1 194 40
458. Abbott Laboratories, North Chicago.....	3 300 00
To the Department of Pharmacology for research....	\$ 1 800 00
To the Department of Chemistry, College of Pharmacy, for a synthesis of analogs of pharmacologically-active compounds containing the dihydroisoindoline ring system.....	500 00
To the Department of Psychiatry, College of Medicine, for a study on psychotropic drugs.....	1 000 00
459. American Cancer Society, Inc., New York, New York.....	115 548 19
To the Institutional Grants Committee, Chicago Professional Colleges, to support cancer research in the College of Medicine.....	\$18 860 00
To the Department of Surgery for an investigation of cellular damage observed in human tumors treated in tissue culture with anticancer compounds.....	21 751 00
To the Department of Medicine for studies of cancer chemotherapeutic agents in leukemias and lymphomas..	4 688 96
To the Department of Obstetrics and Gynecology for a study of experimental dysplasia of the uterine cervix..	7 970 00
To the Department of Pathology for a study of cell changes in the evolution of malignancy.....	8 623 50
To the Department of Pharmacology, College of Medicine, for a study of amino acid analysis of unique radioactive nuclear proteins of tumors.....	11 000 00
To the Department of Pharmacology, College of Medicine, for studies on the metabolism of plasma proteins in tumor-bearing rats.....	2 110 73

To the Department of Biological Chemistry for a study of separation of enzymes from normal and pathological serum using cellulose ion exchangers.....		19 466 00
To the Department of Biological Chemistry for studies of the specificity of glycolytic pathway enzymes.....		16 679 00
To the Department of Surgery for a survey of spontaneous regression of cancer.....		4 399 00
460. American Dental Association: to the Department of Applied Materia Medica and Therapeutics for a study of toxicity of local anesthetics.....		1 000 00
461. American Heart Association: to the Department of Medicine for studies on the kidney in health and disease.....		500 00
462. American Limb and Orthopedic Company: to the Department of Orthopaedic Surgery for the Orthopaedic Amputee Clinic Fund..		695 00
463. American Medical Association.....		1 575 00
To the Department of Preventive Medicine for studies on the effect of belladonna alkaloids on the electroencephalogram and behavior of man.....		\$ 325 00
To the Department of Medicine for an assay of luteinizing hormone in humans.....		500 00
To the Department of Dermatology for research.....		750 00
464. American Rheumatism Association of New York University: to the Department of Medicine for a therapy evaluation project..		600 00
465. Anonymous donor: to the Department of Pediatrics.....		1 000 00
466. Arthritis and Rheumatism Foundation, Illinois Chapter.....		3 302 25
To the Department of Medicine for a study of the effect of different environmental conditions and pharmacologic agents on the vascular responses in the digits in rheumatoid arthritis.....		\$ 2 552 25
To the Department of Pediatrics for a study of gout in infancy		750 00
467. Association for the Aid of Crippled Children: to the Department of Anatomy for the histochemical study of genetic and teratogenic induced cleft palate.....		7 370 00
468. Asthmatic Children's Aid: to the Department of Medicine for studies of respiratory mucous membrane.....		7 500 00
469. Baxter Laboratories, Inc., Chicago: to the Department of Microbiology for an evaluation of potential chemotherapeutic agents...		891 50
470. Burroughs-Wellcome and Company.....		6 200 00
To the Department of Pediatrics for a study of the effect of lucanthone hydrochloride on schistosomiasis mansoni infection		\$ 1 200 00
To the Department of Preventive Medicine for an evaluation of a new therapeutic agent in migraine headache.....		5 000 00
471. Chicago Heart Association.....		9 000 00
To the Department of Preventive Medicine for a study of biochemical, medical, and psychological parameters of the acute pressor response in hypertensive subjects..		6 000 00
To the Department of Medicine for a study of hepatic and myocardial factors in the production of digitalis toxicity.....		3 000 00
472. Jane Coffin Childs Fund of Yale University: to the Department of Pharmacology for a study of interconversion of intermediates of carbohydrate metabolism and amino acids in tumors and other tissues.....		10 000 00
473. Mr. and Mrs. Charles J. Cole: to the Department of Pediatrics for research		40 00
474. Columbia-Geneva Steel Division of United States Steel Corporation: to the Department of Pedodontics.....		5 701 11
475. Estate of Dan S. Crego: to the College of Medicine for research		7 016 48
476. John N. Crouse Dental Endowment Fund: to the College of Dentistry for the longitudinal study of periodontal status of young adults.....		1 300 00

477. Downers Grove United Fund: to the Department of Orthopaedic Surgery for research in muscular dystrophy and atrophy.....	109 30
478. Dysautonomia Association: to the College of Pharmacy for a study of acetylcholine metabolism in the familial dysautonomic patient	1 811 50
479. Easter Seal Research Foundation, National Society for Crippled Children and Adults, Inc.: to the Department of Pedodontics for tooth ring analysis of handicapped children.....	1 000 00
480. Dr. Ward Eastman, Peoria: to the Department of Surgery for the Ward Eastman and James Hurlbut Gift Fund for research..	100 00
481. Eaton Laboratories, Norwich, New York: to the Department of Medicine for toxicity and efficacy studies on NF-260.....	2 500 00
482. Federal Reserve Bank of Chicago Employees: for purchase of research equipment for the Respiratory Center in the Research and Educational Hospitals.....	1 500 00
483. Mr. Henning Frandsen: to the Department of Neurology and Neurological Surgery	10 00
484. Geigy Pharmaceuticals, Ardsley, New York.....	8 150 00
To the Department of Pharmacology for a study of action of autonomic drugs on the central nervous system. \$ 7 500 00	
To the Research and Educational Hospitals for a program of clinical testing of a new drug for trial by the Food and Drug Administration.....	
485. Hematology Research Foundation: to the Department of Medicine for a study of Fe 59 turnover rates as index of drugs toxicity in hemotherapy of patients with lymphoma and leukemia.....	3 450 00
486. Hoffman-LaRoche, Inc., Nutley, New Jersey: to the Department of Surgery for a study of the influence of arfonad on peripheral resistance and cardiac output.....	1 000 00
487. Illinois Federation of Women's Clubs: to the Department of Surgery for cancer research.....	1 000 00
488. Dr. Lawrence Khedroo, Chicago: to the Department of Anatomy for research	1 450 00
489. Lakeland Foundation, Chicago: to the Department of Clinical Science for a study in an attempt to isolate the growth stimulating and inhibiting agents from the liver or intestinal mucosa.....	16 630 25
490. Lederle Laboratories Division, American Cyanamid Company, Pearl River, New York: to the Department of Medicine for investigative work in infectious diseases and related fields.....	10 000 00
491. Life Insurance Medical Research Fund: to the Department of Biological Chemistry for a study of the biochemical basis for the difference in virulence of the smooth and matt variants of Group A streptococci	16 500 00
492. Eli Lilly and Company, Indianapolis, Indiana.....	10 882 10
To the Department of Dermatology for a study of the effect of vehicle and of skin lesion on the cutaneous absorption of steroids.....	
To the Department of Microbiology for a study of protein synthesis in virus infection.....	
493. Markle Foundation: for the John and Mary R. Markle Scholar Award in Medical Science.....	6 000 00
494. Merck, Sharp, and Dohme Research Laboratories: to the Department of Preventive Medicine for a study of the effect of therapeutic agents on some perceptual and psychometric tests in man..	5 000 00
495. Midwest Dental Manufacturing Company: to the Department of Operative Dentistry for a study of the use of ultra-high rotary speeds in operative dentistry.....	5 000 00
496. National Association for Mental Health, Inc.: to the Department of Psychiatry for research in schizophrenia.....	4 200 00
497. National Council to Combat Blindness, Inc.: to the Department of Ophthalmology for a study of the role of the A-wave in clinical electroretinography.....	3 000 00
498. National Foundation (originally the National Foundation for Infantile Paralysis, Inc.), New York, New York: to the Depart-	

	ment of Preventive Medicine for operation of a Poliomyelitis Special Treatment Center.....	74 583 28
499.	National Multiple Sclerosis Society: to the Department of Psychiatry for a study of the role of pyrimidine nucleosides and related substances in lipid and proteo-lipid metabolism of glia cells and neurons in living brain at rest and during activity.....	12 000 00
500.	Mr. George S. Oberne: for the Alva M. Oberne Cancer Research Fund.....	325 00
501.	Roanoke (Illinois) Area United Funds: to the Department of Surgery for cancer research.....	950 00
502.	Sandoz Pharmaceuticals, Hanover, New Jersey: to the Department of Preventive Medicine for research.....	5 000 00
503.	Schweppe Foundation, Chicago: to the Department of Surgery for the investigation of characteristics of human cancer cells when grown in tissue culture.....	5 000 00
504.	G. D. Searle and Company, Chicago.....	15 150 00
	To the Department of Medicine for studies on anti-asthmatic drugs.....	\$ 2 400 00
	To the Department of Medicine for studies on electrolyte metabolism including studies on aldosterone antagonism.....	12 750 00
505.	Elaine Settler Polio Foundation: to the Department of Preventive Medicine for research on the artificial heart pump.....	1 000 00
506.	Smith, Kline, and French Laboratories, Philadelphia, Pennsylvania: an unrestricted grant to the Department of Physiology...	6 000 00
507.	Teagle Foundation, Incorporated, New York, New York: to the Department of Psychiatry for paralysis agitans research.....	8 000 00
508.	Tuberculosis Institute of Chicago and Cook County.....	7 640 00
	To the Department of Microbiology for a study of the effects of immunological tolerance on the pathogenesis of avian tuberculosis.....	\$ 1 000 00
	To the Department of Medicine for a study of the progression of chronic pulmonary fibrosis, emphysema, and bronchiectasis by means of pulmonary function tests...	6 640 00
509.	United Cerebral Palsy Research and Educational Foundation, Inc.: to the Department of Pedodontics for studies on tooth ring analysis in children with cerebral palsy.....	6 970 00
510.	University of Chicago: to the Department of Medical Social Work for research.....	8 246 80
511.	Upjohn Company, Kalamazoo, Michigan.....	8 250 00
	To the Department of Surgery for a study of steroids \$ 3 750 00	
	To the Department of Preventive Medicine for a study of steroid hormone in the treatment of infections.....	4 500 00
512.	Warner-Lambert Research Institute of New Jersey: to the Department of Medicine for an investigation of the drug colimycin..	2 500 00
513.	Wilmette United Fund, Inc.: to the Department of Surgery for cancer research.....	3 000 00
514.	Winthrop-Stearns Incorporated, New York, New York.....	1 650 00
	To the Department of Oral and Maxillofacial Surgery, College of Dentistry, for a study of the effect of Tran-copal as a tranquilizer.....	\$ 750 00
	To the Department of Surgery, Division of Anesthesiology, for studies in cardiovascular and respiratory functions during anesthesia.....	900 00
515.	Various donors: for the Allan M. Loeb Cardiovascular Research Fund.....	300 00
	Mr. Albert H. Wechsler, Malden, Massachusetts.....	\$ 100 00
	Mr. Maury Crane.....	100 00
	Mr. S. R. Pletz.....	100 00
516.	Various donors: for the Occupational Therapy Gift Fund.....	736 55
	Elmhurst Methodist Church.....	\$ 15 00
	First Congregational Church, Circle E.....	13 55
	Hinsdale Sewing Group.....	25 00

	Illinae Club of Chicago.....	108 00	
	A group of little girls called the "Leprechauns".....	15 00	
	Research and Educational Hospitals Auxiliary.....	50 00	
	Riverside-North Riverside Junior Chamber of Commerce.....	10 00	
	Women's Auxiliary of the Chicago Professional Colleges.....	500 00	
517.	Various donors: for the Orthopaedic Gift Fund.....		1 810 72
	Beverly Hills Junior Woman's Club.....\$	100 00	
	Mr. and Mrs. John Bornemann, Jr.....	100 00	
	Kappa Alpha Theta Sorority.....	650 00	
	Women of the Rotary Club of Chicago.....	960 72	
518.	Various donors: for the College of Medicine Otolaryngologic Fund.....		7 530 00
	Dr. Edward L. Chainski.....\$	50 00	
	Dr. and Mrs. Francis L. Lederer.....	2 000 00	
	Nathan Manilow Foundation.....	5 000 00	
	Various donors.....	480 00	
519.	Various donors: to the Department of Medicine.....		622 36
	Mrs. Albin G. Ambur.....\$	28 00	
	Anonymous donor.....	9 00	
	Mr. and Mrs. Richard H. Bunt.....	5 00	
	Mr. and Mrs. S. J. Finch.....	5 00	
	Miss Ellen Gray.....	5 00	
	Harvard School for Boys, Parent-Faculty Club.....	29 00	
	Harvard School for Boys, Students and Faculty.....	125 00	
	Mrs. Van V. Lain.....	25 00	
	Mrs. Arthur O. Lindaman.....	15 00	
	Mrs. Albert E. Lucius.....	5 00	
	Miss Marlys D. Shaw.....	10 00	
	Mr. Ken Swanson.....	211 75	
	Mr. Amos H. Watts.....	25 00	
	Various donors, Presbyterian-St. Luke's Hospital.....	124 61	
520.	Various donors: to the Department of Otolaryngology.....		260 00
	Mr. and Mrs. Gerald Abramovitz.....\$	25 00	
	Mr. and Mrs. Robert Arundale.....	50 00	
	Mrs. Layne Horwich.....	15 00	
	Mr. Joseph H. Levy.....	5 00	
	Dr. Charles Lightfoot.....	150 00	
	Mrs. Harry Sager.....	15 00	
521.	Various donors: to the Department of Surgery for research.....		1 757 60
	Anonymous.....\$	100 00	
	Dr. Edward Atlas.....	50 00	
	Dr. Warren H. Cole.....	868 50	
	Dr. Robert P. Hackett.....	100 00	
	Drs. H. H. Hamlin, D. H. Nelson, and W. H. Ryd.....	15 00	
	Mrs. Wesley H. Hendrickson.....	50 00	
	Dr. Rudolph G. Mrazek.....	175 10	
	Dr. D. N. Myers.....	200 00	
	Mrs. Ralph Skoggs.....	20 00	
	Mrs. Winifred Sorling.....	100 00	
	Friends of Mr. J. O. Pyle of Park Ridge in memory of his daughter.....	43 00	
	Various donors in memory of Mrs. Oekker.....	36 00	
522.	Various donors: to the Department of Orthodontics for support of research and educational projects.....		2 050 00
	Dr. William A. Blueher.....\$	300 00	
	Dr. M. Peter Breidt.....	500 00	
	Dr. Jacob B. Franklin.....	100 00	
	Dr. Lawrence Furstman.....	300 00	
	Dr. Silas J. Kloehn.....	150 00	
	Dr. Ernest Myer.....	250 00	
	Dr. Robert M. Ricketts.....	300 00	

Dr. Robert F. Schoenwetter.....	100 00
Dr. George D. Sturman.....	50 00
<i>Total, Funds for Fellowships and Research.....</i>	<i>\$501 259 54</i>

Funds for Educational and Research Programs

523. Abbott Laboratories, North Chicago.....	\$ 800 00
To the College of Pharmacy for the purchase of a special showcase for the display of pharmaceutical products.....	\$ 200 00
To the Department of Pharmacology for seminars.....	600 00
524. American Medical Educational Foundation: to the College of Medicine for support of the general educational programs.....	28 353 60
525. Commonwealth Fund, New York, New York: to the College of Medicine for study and evaluation of medical education (first payment of a \$112,000 grant in support of a two-year pilot program reported to the Board on December 17, 1958).....	56 000 00
526. Dr. Jerry J. Kearns: to the Departments of Occupational Therapy and Physical Medicine and Rehabilitation for their service programs in the Research and Educational Hospitals....	1 000 00
527. National Fund for Medical Education: to the College of Medicine to supplement the University's program in medical education and to support basic non-categorical research.....	64 171 73
528. Women's Auxiliary of the Chicago Professional Colleges: for the Patient Lounge Fund.....	1 500 00
529. Various donors: to the Research and Educational Hospitals for radiation therapy	150 00
530. Foundry Educational Foundation: to the College of Engineering, Chicago Undergraduate Division, in recognition of the outstanding work being done in cast metals education.....	750 00
<i>Total, Funds for Educational and Research Programs.....</i>	<i>\$152 725 31</i>

United States Government Grants and Research Contracts

531. Air Force	\$ 1 321 12
532. Army Chemical Corps.....	11 391 84
533. Army Ordnance	2 917 74
534. Army Surgeon General.....	34 206 11
535. Atomic Energy Commission.....	27 273 98
536. National Science Foundation.....	68 227 09
537. Office of Naval Research.....	47 374 36
538. Office of Vocational Rehabilitation.....	8 258 07
539. Public Health Service.....	1 776 264 12

Total, United States Government Grants and Research Contracts.....
Contracts..... \$1 977 234 31

Research and Public Service Contracts with State of Illinois Agencies

540. State Department of Public Health.....	\$ 173 27
541. State Department of Public Welfare.....	100 407 05

Total, Research and Public Service Contracts with State of Illinois Agencies
Illinois Agencies \$100 580 12

Gifts of Equipment, Library Materials, and Works of Art

542. American Sterilizer Company: to the College of Dentistry dental clinics, an autoclave and a dental light (valued at \$450.00).	
543. Anonymous donor: to the Department of Physical Medicine and Rehabilitation, a child's walker (valued at \$78.00).	
544. Mr. Milton Carlson, Chicago: to the Research and Educational Hospitals, an Everest and Jennings wheel chair (valued at \$125.00).	
545. Densco Dental Manufacturing Company, Denver, Colorado: to the College of Dentistry, a table model vacudent (valued at \$350.00).	
546. Mr. Ronald Flegler, Chicago: to the Chicago Undergraduate Division, an American flag, in honor of his father.	

547. McKesson Appliance Company: to the Department of Oral and Maxillofacial Surgery, a Narmatic gas machine (valued at \$700.00).
 548. Estate of Harry O. Maryan, deceased: to the College of Medicine, medical books.
 549. Mr. Charles J. Merriam, Chicago: to the Medical Illustration Studios, three-dimensional photographic equipment (valued at \$598.00).
 550. Sawyer's, Inc.: to the Department of Oral and Maxillofacial Surgery, a set of 200 slides and auxiliary manuals on surgery of the oral cavity by Dr. W. W. Cogswell (valued at \$165.00).
 551. WLS Christmas Neighbors Club: to the Research and Educational Hospitals psychiatric ward, two Philco table model radios.
 552. Faculty Members and Students at the Chicago Professional Colleges: furniture for a student lounge in the Dentistry-Medicine-Pharmacy Building (valued at \$2,500.00).
 553. Lester B. Knight and Associates, Chicago: to the Chicago Undergraduate Division, a model of a large steel foundry (valued at \$10,000.00).

*Total, Professional Colleges and Undergraduate Division
 at Chicago*\$2 752 838 89

Gifts to the University of Illinois Foundation

554. Illini Achievement Fund.....	\$222 781 79
555. Other Funds for Current Purposes.....	60 883 98
556. Endowment Funds	163 244 30
557. Funds for Physical Plant Purposes.....	193 665 00
<i>Total, Gifts to the University of Illinois Foundation</i>	\$640 575 07

Summary

Funds from Private Donors	
Total for Urbana-Champaign.....	\$ 2 701 661 09
Total for Chicago Colleges.....	675 024 23
<i>Total</i>	\$ 3 376 685 32
Funds from the United States Government	
Total for Urbana-Champaign.....	\$10 775 360 49
Total for Chicago Colleges.....	1 977 234 34
<i>Total</i>	\$12 752 594 83
Funds from Contracts with State of Illinois Agencies	
Total for Urbana-Champaign.....	\$ 531 450 39
Total for Chicago Colleges.....	100 580 32
<i>Total</i>	\$ 632 030 71
Gifts to the University of Illinois Foundation.....	\$ 640 575 07
<i>Grand Total</i>	\$17 401 885 93

This report was received for record.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) cancellation, declinations, and resignations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C= College; S= Station; E= Extension.)

- ADLER, MRS. DONATELLA G., Research Assistant Professor of Physics (C), $\frac{3}{4}$ time, November 8, 1960-June 15, 1961, \$525 a month (11-25-60).
 BURCHELL, MRS. SARA J., Assistant in Anesthesiology, Department of Surgery (Medicine), nine months from October 1, 1960, without salary (11-23-60).
 CALLAGHAN, SHEILA A., Instructor in Medical Social Work (Medicine), ten months from November 1, 1960, \$6,000 a year, supersedes (11-7-60).

- CHANG, SHEN C., Research Assistant Professor of Entomology, September 16, 1960-August 31, 1961, \$7,350 a year, supersedes (12-1-60).
- CONNOR, DAVID, Research Associate in Psychology, $\frac{1}{4}$ time, one year from September 1, 1960, \$3,200, supersedes (12-7-60).
- DE JONG, MARTIJN, Research Associate in Physics (C), eight months from January 1, 1961, \$7,500 a year (11-21-60).
- DULANY, MRS. ELIZABETH G., Assistant Editor in the University Press, eleven months from October 1, 1960, \$6,000 a year, supersedes nonacademic appointment (11-21-60).
- FELLOWS, JULIAN R., Professor of Mechanical Engineering and Group Leader in the Indian Institute of Technology, Kharagpur, W. Bengal, India, under Contract ICAc-1220, two years from September 1, 1960, \$16,500 a year, supersedes (10-31-60).
- FLEMER, STEVENSON, Instructor in Architecture and Art (Chicago Undergraduate Division), $\frac{1}{2}$ time, September 1, 1960-February 28, 1961, to render service during the first semester of the academic year, \$1,600 (11-23-60).
- FRETWELL, CHARLES C., Research Associate in Theoretical and Applied Mechanics (C), November 28, 1960-June 15, 1961, \$580 a month (11-11-60).
- FRIEDERICI, HARTMANN, Instructor in Pathology (Medicine), January 1-May 31, 1961, \$750 a month (12-7-60).
- GOELER VON RAVENSBURG, EBERHARD, Research Associate in Physics (C), November 7, 1960-August 31, 1961, \$7,200 a year, supersedes (11-21-60).
- GRABER, MRS. JEAN W., Research Associate in Animal Science (S), ten months from November 1, 1960, \$5,800 a year, supersedes (11-15-60).
- GRUBB, EUGENE L., Research Associate in Chemistry, seven months from February 1, 1961, \$5,500 a year (11-8-60).
- HANSEN, ROBERT, Instructor in Biological Chemistry (Medicine), November 15, 1960-August 31, 1961, without salary (12-5-60).
- HUNERYAGER, S. G., Assistant in the Executive Development Program (College of Commerce and Business Administration), $\frac{1}{2}$ time, June 1-August 15, 1960, \$550; this is in addition to his appointment dated July 1, 1959, and to his Summer Session appointment dated April 20, 1960; and supersedes appointment dated July 16, 1960 (11-23-60).
- HUNT, RICHARD H., Instructor in Art (Chicago Undergraduate Division), $\frac{1}{2}$ time, September 1, 1960-February 28, 1961, to render service during the first semester of the academic year, \$152.83 a month (11-23-60).
- INOUE, TOHRU, Assistant Professor of Biological Chemistry (Medicine), November 15, 1960-August 31, 1961, without salary (11-23-60).
- JOHNSON, A. BEAUMONT, III, Clinical Associate in Neurological Surgery, Department of Neurology and Neurological Surgery (Medicine), $\frac{1}{4}$ time, one year from September 1, 1960, \$1,800 (12-1-60).
- JOHNSON, ROBERT M., Research Assistant in the State Water Survey, seven months from December 1, 1960, \$7,200 a year (11-25-60).
- KELLEY, MRS. LYNDA J., Assistant in Animal Science (S), eight months from January 1, 1961, \$4,800 a year (12-1-60).
- LINDEN, CARL T., Associate Professor of Medical Illustration (Chicago Professional Colleges), one year from September 1, 1960, without salary (11-11-60).
- MANGALO, RAYMOND, Research Associate in Microbiology (College of Liberal Arts and Sciences and Graduate College), one year from September 1, 1960, \$5,500 (11-8-60).
- MATHIS, ANN E., Residence Hall Counselor (Chicago Professional Colleges), 15/100 time, nine months from September 16, 1960, \$550 (11-23-60).
- MCGINNIS, EDWARD A., Assistant in Radiology (Medicine), one year from September 1, 1960, without salary (11-23-60).
- MUELLER, THOMAS J., Research Associate in Mechanical Engineering (C), $\frac{1}{2}$ time, six months from October 1, 1960, \$333.33 a month, supersedes (11-14-60).
- NOWICKI, NORBERT J., Clinical Instructor in Ophthalmology (Medicine), for ten months from November 1, 1960, without salary (11-23-60).
- PAWLIK, KURT, Research Associate in Psychology, one year from September 1, 1960, \$6,800, supersedes (11-28-60).
- PEDERSEN, JOANNE M. O., Assistant in Medical Nursing, nine months from December 1, 1960, \$5,500 a year (12-1-60).

- RANSFORD, RALPH E., Instructor in Anatomy (Medicine), $\frac{1}{2}$ time, to render service during the academic year, October 1, 1960-June 30, 1961, \$532 a month (11-7-60).
- REILLY, JAMES R., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine), $\frac{3}{4}$ time, seven months from February 1, 1961, \$333.33 a month (12-2-60).
- ROSLANSKY, MRS. PRISCILLA F., Research Associate in Chemistry, $\frac{1}{2}$ time, November 14, 1960-August 31, 1961, \$3,100 a year (11-28-60).
- SCHMEROLD, WILFRIED L., Clinical Assistant in Dermatology (Medicine), ten months from November 1, 1960, without salary (11-15-60).
- SINHA, RANA P., Research Associate in Ophthalmology (Medicine), $\frac{3}{4}$ time, three months from January 1, 1961, \$200 a month, supersedes nonsalaried appointment (11-23-60).
- SRINIVASAN, V. R., Research Associate in the School of Life Sciences, nine months from December 1, 1960, \$7,500 a year, supersedes (12-2-60).
- TANAKA, RYO, Research Associate in Psychiatry (Medicine), nine months from December 1, 1960, \$6,000 a year (11-11-60).
- TEXTOR, CHARLES S., II, Clinical Assistant Professor of Neurology and Neurological Surgery (Medicine), $\frac{1}{10}$ time, one year from September 1, 1960, \$1,200 (12-1-60).
- THOMPSON, MRS. ROSEMARY B., Head Resident, Single Graduate Halls, $\frac{1}{2}$ time, one year from September 1, 1960, \$2,400; for the convenience of the University she will also be furnished housing valued at \$900 (11-21-60).
- WAHL, FLOYD M., Assistant Professor of Geology, to render service during the second semester of the academic year, February 1-August 31, 1961, \$3,300, supersedes (11-8-60).
- WATSON, ALAN O., Research Assistant in Pedodontics (Dentistry), eight months from January 1, 1961, \$6,000 a year (12-2-60).
- WEIR, MORTON W., Assistant Professor of Psychology, March 1-August 31, 1961, to render service during the second semester of the academic year, \$566.67 a month, supersedes (12-2-60).
- WEICH, PHILIP B., Lecturer in Architecture (Chicago Undergraduate Division), $\frac{1}{2}$ time, September 1, 1960-February 28, 1961, \$1,750 (11-23-60).
- WOLOSHIN, MRS. GABRIELLE S., Assistant in Psychiatry (Medicine), eleven months from October 1, 1960, without salary (11-28-60).
- YUSEM, MILTON, Instructor in Chemistry (Chicago Undergraduate Division), $\frac{1}{2}$ time, September 1, 1960-January 31, 1961, to render service during the first semester of the academic year, \$1,400; this is in addition to his appointment as Research Associate in Clinical Science (Medicine) on 68/100 time (11-2-60).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- BERQUIST, ELAINE V., National Institutes of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1960, \$2,000 (10-27-60).
- BUMZAHM, CARLOS B., United States Public Health Service Post-Sophomore Medical Research Fellow (Chicago Professional Colleges), one year from September 1, 1960, \$3,200 (11-14-60).
- CARLSON, RUSSELL R., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), eight months from October 1, 1960, \$600 (11-2-60).
- CHENOWETH, RICHARD G., United States Public Health Service Post-Sophomore Medical Research Fellow (Chicago Professional Colleges), one year from September 16, 1960, \$3,550 (11-14-60).
- CORDES, RALPH L., Special Fellow in Social Work, nine months from September 16, 1960, \$1,800 (10-27-60).
- DONOVAN, THOMAS A., Teaching Fellow in Chemistry, nine months from September 16, 1960, \$1,366, supersedes (10-25-60).
- FAULK, CAROLYN, Teaching Fellow in English, February 1-June 15, 1961, \$350 (11-29-60).
- GOLDFINE, SABRA, Special Fellow in Social Work, nine months from September 16, 1960, \$1,800 (10-28-60).
- HEULER, HENRY J., Fellow in Art, February 1-June 15, 1961, \$750 (11-8-60).

- HOFFMAN, GERALD, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1960, \$2,400 (11-14-60).
- HOFFMAN, JAMES G., Special Fellow in Social Work, nine months from September 16, 1960, \$1,800 (10-28-60).
- HOY, GAIL E., National Institutes of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1960, \$1,800 (10-27-60).
- HUSTON, ROBERT B., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1960, \$1,900 (11-16-60).
- KELLSTEDT, LYMAN A., Fellow in Political Science, February 1-June 15, 1961, \$750 (11-29-60).
- LUSTIG, NOEL, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1960, \$2,400 (11-14-60).
- MAGURA, DONALD D., Fellow in Civil Engineering, February 1-June 15, 1961, \$750 (11-29-60).
- MANN, LINDSAY A., Teaching Fellow in English, February 1-June 15, 1961, \$350 (11-29-60).
- MERRILL, MARY E., Fellow in English, February 1-June 15, 1961, \$750 (11-29-60).
- MURRAY, ELLIOTT C., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from September 1, 1960, \$3,000, supersedes (11-14-60).
- PENNIMAN, MARIAN V., National Institutes of Mental Health Fellow (Trainee) in Social Work, November 1, 1960-June 15, 1961, \$1,500 (11-15-60).
- QUILLIAN, ELAINE G., Special Fellow in Social Work, nine months from September 16, 1960, \$2,000 (10-28-60).
- TROENICK, JOAN, Special Fellow in Social Work, nine months from September 16, 1960, \$2,000 (10-28-60).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- BULLOCK, JAMES W., Research Associate in the State Water Survey—resignation effective December 16, 1960.
- CAPURRO, PIETRO, Assistant Professor of Pathology (Medicine) and Assistant Pathologist (Research and Educational Hospitals)—resignation effective December 1, 1960.
- CHIU, JEN, Minnesota Mining and Manufacturing Company Fellow in Chemistry—resignation effective December 1, 1960.
- COLBURN, I. W., Assistant Professor of Architecture (Chicago Undergraduate Division)—resignation effective September 1, 1960.
- DEGROAT, DRUSILLA A., Teaching Fellow in Physiology—resignation effective November 1, 1960.
- EDWARDS, ARTHUR L., Fellow in Chemical Engineering—resignation effective November 20, 1960.
- KNABLE, NORMAN, Research Assistant Professor in the Coordinated Science Laboratory (S)—declination effective September 1, 1960.
- LASSITER, LAWRENCE H., Assistant Professor of Ophthalmology (Medicine)—resignation effective January 1, 1961.
- MARCOU, GEORGE T., Associate Professor of Community Planning—resignation effective March 1, 1961.
- MARWAH, AMARJIT S., Instructor in Oral Pathology (Dentistry)—cancellation effective September 1, 1960.
- NAKAYAMA, TEISHI, Research Associate in Chemistry—resignation effective February 1, 1961.
- NORDELL, WILLIAM J., Fellow in Civil Engineering—resignation effective November 16, 1960.
- PERLIA, MILDRED H., Assistant in Nursing—resignation effective November 23, 1960.
- ROBERT, BARBARA, Research Associate in Biological Chemistry (Medicine)—resignation effective December 2, 1960.
- ROBERT, LESLIE, Research Associate in Biological Chemistry (Medicine)—resignation effective December 2, 1960.
- SHAW, WARREN A., Fellow in Civil Engineering—resignation effective December 1, 1960.

- SHEINBLATT, MATITYAHU, Research Associate in Chemistry — resignation effective September 1, 1960.
- THOMPSON, RANDALL G., Head Resident, Graduate Dormitory — declination effective October 1, 1960; and Head Resident, Single Graduate Halls — resignation effective September 1, 1960.
- THOMPSON, MRS. ROSEMARY B., Head Resident, Graduate Dormitory — declination effective October 1, 1960.
- WILKRY, SAMUEL L., Fellow in Physical Education — resignation effective November 15, 1960.
- YAMAMOTO, ROBERT T., Research Associate in Entomology — resignation effective December 1, 1960.

LEAVES OF ABSENCE

- BANTA, FRANK G., Associate Professor of German and Chairman of the Department — leave of absence, without pay, for six months from March 1, 1961, following his sabbatical leave with full pay for the first semester.
- BECKER, ROBERT A., Professor of Physics, College of Engineering — leave of absence, without pay, from November 1, 1960, through August 31, 1961, to enable him to work on problems of the United States Air Force to be carried out at the Air Force's Aerospace organization.
- HOPKINS, MRS. ALINE L., Instructor in Business Management — sick leave, with full pay, for sixty days from November 23, 1960, or for as much of that period as may be necessary; this is in addition to the automatic sick leave allowance which expired on November 23.
- LEE, MAURICE, JR., Associate Professor of History — leave of absence, without pay, from September 1, 1961, through August 31, 1962, so that he may spend the year in study and research abroad on a Guggenheim Fellowship.
- SELTZER, ARTHUR O., Instructor in Economics, Chicago Undergraduate Division — extension of disability leave of absence, with full pay, from November 4, 1960, through January 27, 1961.

CHICAGO UNDERGRADUATE DIVISION SITE

Mr. Clement inquired about the status of the studies of the Harrison-Halsted Street area site and the status of the Garfield Park litigation.

Mr. Havens reported on the progress of the studies being made by the firm of Skidmore, Owings, and Merrill and his office, in cooperation with the Department of City Planning of the city of Chicago. One of the engineering problems being encountered is that of rerouting utilities — electric power lines, underground sewers, water mains, gas lines — in the area. The cost and the time required to accomplish this are major factors in the consideration of the site. He suggested that another conference with city officials, possibly before the Board meeting in January, would be desirable and is arranging for this.

Mr. Lesemann reported on the Garfield Park litigation. The Supreme Court of Illinois has heard the arguments in the appeal of the decision of the Circuit Court of Cook County holding unconstitutional the Act of the General Assembly authorizing the Chicago Park District to sell and convey park lands to the University. Mr. Lesemann expressed the hope that the Supreme Court will render its decision in January.

The Secretary reported that he has received additional petitions signed by residents of the Garfield Park community in support of the University's attempts to secure Garfield Park as a site for the Chicago Undergraduate Division, and that the petitions now on hand carry the signatures of some 43,000 residents of the area.

President Henry stated that in view of the possibility of a Supreme Court decision in January, the Board may wish to hold a special meet-

ing, or possibly an adjourned session of the January 18 meeting, to take such actions as may be indicated by developments.

Mr. Clement suggested that a study be made of the desirability of protecting the area surrounding the new campus when a site has been secured, and particularly the area between it and the Chicago Professional Colleges if they are in close proximity, by legislation creating a district, somewhat like the Medical Center District, to include sufficient land area to provide for future expansion.

JANUARY AND FEBRUARY MEETINGS

President Williamson reminded the Board that its next two meetings will be on January 18, 1961, in Chicago, and on February 15, 1961, in Urbana, at places and hours to be determined by the President and the Secretary of the Board.

RECESS AND EXECUTIVE SESSION

The Board recessed. Mr. Herrick and Mr. Johnston asked to be excused from the rest of the meeting.

When the Board reconvened, an executive session was requested and ordered for consideration of the following items of business relating to property acquisitions.

PURCHASE OF PROPERTIES AT 1101 AND 1302 WEST SPRINGFIELD AVENUE, URBANA

(1) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase by the University of Illinois Foundation for the University of two properties owned by the Twin City Bible Church at 1101 West Springfield Avenue and 1302 West Springfield Avenue in Urbana at the price and on the terms indicated below.

1302 West Springfield Avenue. This property is a lot 66 feet by 100 feet or a land area of 6,600 square feet and a brick and stone church building (originally the Trinity Methodist Church of Urbana). The building was condemned because of structural conditions and was razed at a cost to the Twin City Bible Church of \$8,000. Bids were taken on the razing job and were reviewed by University representatives before the contract was awarded. The property, including the original church building, was appraised at \$20,000. If purchased by the University on the basis of this appraisal, the total cost to the University would be \$28,000, including the cost of razing the building. Representatives of the Twin City Bible Church were informed at the time they contracted for demolition of the building that this expenditure would be taken into consideration by the University if and when it decided to purchase the properties.

1101 West Springfield Avenue. This consists of a lot 66 feet by 132 feet, or a total land area of 8,712 square feet, with a building used as a parsonage by the Church. Acquisition of this property by the University offers the opportunity of securing the closing of Harvey Street, south of Springfield Avenue, which would result in the acquisition of an additional land area of 60 feet by 132 feet or 7,920 square feet. Harvey Street runs north and south and the property at 1101 West Springfield is at the southwest corner of Springfield and Harvey. The property, including the parsonage, is appraised at \$18,750.

These land areas will eventually be needed for future campus expansion and as building sites. Until needed for construction of major buildings, the land could be used as sites for construction of surge space.

The Twin City Bible Church officials have agreed to accept a negotiated price of \$55,000 for the two properties, provided that payment is made not later than January 31, 1961. The University will obtain possession of the property at 1302 West Springfield Avenue not later than that date and possession of the property at 1101 West Springfield Avenue not later than July 1, 1961.

The Board of Directors of the University of Illinois Foundation has authorized the purchase of these properties, to be held by the Foundation for the

University until it has funds to purchase them, at which time title will pass to the University.

I recommend that the Board approve these property acquisitions and that it authorize the execution of a lease by the University of the properties from the Foundation at an annual rental which would be sufficient to pay the interest and other costs involved in the financing of this project.

This property acquisition has previously been submitted to the Committee on Buildings and Grounds which has recommended approval.

On motion of Mr. Pogue, these property acquisitions and the execution of the lease were authorized, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Johnston, Mr. Stratton.

PURCHASE OF PROPERTY AT 907 SOUTH SIXTH STREET, CHAMPAIGN

(2) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 907 South Sixth Street, Champaign, by the University of Illinois Foundation for the University, at a price of \$45,000, under the terms and conditions stated below:

The property consists of a lot 57 feet by 132.6 feet with a three-story and basement frame building presently used as a rooming house accommodating thirty-one undergraduate students. The area is zoned for multiple family use. The land will be needed for future campus expansion and has long been included in the University's plan of land acquisitions. The site will eventually be used for construction of housing for single graduate students. The property is well located for interim use as general office space.

The original asking price was \$60,000 and the negotiated sale price of \$45,000 is consistent with independent appraisals.

An initial payment of \$12,000 not later than December 31, 1960, is one of the conditions of the negotiations. The balance of the purchase price will be paid between January 1, 1961, and July 1, 1961, at which time the University will secure possession.

The Board of Directors of the University of Illinois Foundation has approved this property purchase by the Foundation to be held for the University until it has funds to purchase it, at which time title will pass to the University.

I recommend approval of this property acquisition and authorization of its lease by the University from the Foundation at a rental sufficient to pay the interest and other costs of financing this purchase. I further recommend that an appropriation of \$13,500 be made from the General Reserve Fund for remodeling to convert this property into office space and an addition of \$5,200 to the operating budget of the Physical Plant Department for the annual operation and maintenance costs of this building. Office space is the University's most critical need at present and no such additional space will possibly become available from new building construction before the fall of 1963 and perhaps somewhat later.

The Committee on Buildings and Grounds has previously reviewed this property acquisition and recommends its approval.

On motion of Mr. Pogue, this property acquisition and the execution of the lease were authorized, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Johnston, Mr. Stratton.

SETTLEMENT OF CONDEMNATION SUIT FOR ACQUISITION OF LAND ADJOINING UNIVERSITY PROPERTY

(3) At its meeting on October 21, 1959, the Board of Trustees authorized the institution of a condemnation suit to acquire approximately sixty acres of land located between First Street and the Illinois Central Railroad immediately south of other University property and about a half mile south of St. Mary's Road in

Champaign. This land is needed by the University for a number of educational purposes, including particularly the Firemen's Training School, the relocation of the Small Homes Council-Building Research Council offices and research facilities, and a drainage outlet for other University lands. Fred V. Percival is the owner of record of title to the land, but has entered into an unrecorded contract to sell the same to Mrs. Marie E. Mooney. Negotiations conducted with their representatives by University officers prior to the taking of said action by the Board had developed that the owners would not sell the land to the University at a price considered reasonable by it.

Since then further negotiations were conducted with the same result and, after securing assurances from the Governor that he would release sufficient funds from the state appropriation to the University for land acquisitions to enable it to pay the compensation awarded in a condemnation proceeding for the land if acceptable to this Board, suit was instituted on September 1, 1960.

After motions to dismiss that suit had been denied and the University's right to acquire the land through the suit had been thus upheld by the court, and the case had been set for trial, further negotiations resulted in reaching a settlement, subject to approval by the Board of Trustees, upon the following basis:

1. A judgment will be entered, by agreement, in the suit condemning approximately the west fifty-one acres of the land involved in the proceeding and fixing the compensation to be paid by the University therefor in the sum of \$127,500. Upon paying that sum to the County Treasurer for distribution among the defendants as the Court may direct, the University will acquire title to and possession of the fifty-one acre tract subject to the rights of Panhandle Eastern Pipeline Company under a pipeline easement granted it several years prior to the institution of the suit and to the rights, if any, of Illinois Power Company under an easement claimed by it if its claim thereto is upheld by the Court.

2. Upon payment by the University of said sum to the County Treasurer, Mr. and Mrs. Percival and Mr. and Mrs. Mooney will deliver to the University quit claim or warranty deeds conveying the fifty-one acre tract to the University, subject to said easements, in confirmation of the title acquired by the University in paying the condemnation award.

3. In the event the University brings into the land thus acquired by it, for its own uses and purposes, water, sanitary sewer, and/or gas mains connecting with those maintained by public utility companies or the Urbana and Champaign Sanitary District, the University will permit the then owners of the remainder of the land involved in the suit and which the University will not acquire under the settlement and judgment, to connect, without charge, to and use the water, gas, and sanitary sewer lines installed by the University in the land it acquires under the settlement and judgment. However, the owners of the other land will be obligated to bear the expense of making and maintaining such connections, to pay for the water and/or gas used by them, and to annex their land to said Sanitary District, and will have to install the connecting mains in such a manner and at such locations as will not interfere with the University's improvements upon or intended use of the land acquired by it.

4. The University will pay one-third of five-sevenths of the 1960 taxes assessed and levied upon the land involved in the condemnation suit, and the owners of the land not taken will pay the remainder of those taxes and also the 1960 taxes upon the improvements on the land retained by them (there are no buildings upon the land the University will acquire); and the present owners will not be liable for any assessments made by the Upper Embarrass River Basin Drainage District for benefits to the land acquired by the University for work done by that District.

5. Without expense to the University, the defendant owners will secure, and will furnish the University with, a release of a mortgage now encumbering the land the University will acquire, and will waive all rights to recover from the University, in consequence of the dismissal by it of the suit as to the land described in the petition therein which the University will not acquire, attorney fees and other expenses incurred by them in defending the suit. The University will pay the court costs in the suit which will not include any such attorney fees or expenses.

One of the principal purposes for which the University needs the land it is

thus to acquire is an outlet which will enable it to drain water from the southwest portion of its Urbana-Champaign campus into the Upper Embarrass River. The estimated cost to the University of rerouting that outlet through other land and of the extension of a water main which will not be needed if this land is acquired by it is \$110,000 so that a saving in approximately that sum will be effected through acquiring this land. Effecting this saving, in addition to acquiring the land for other purposes for which it is needed by the University, clearly justifies paying \$127,500 for it. Also, in view of this saving, it is proper to consider, and it should be considered, from the University's standpoint that not more than \$100,000 of the \$127,500 is attributable to, and is being paid for, the land itself, and the balance is attributable to, and is being paid for, the drainage outlet needed to effect said savings.

Therefore, special counsel for the University in the condemnation suit, the Legal Counsel, the Director of the Physical Plant, and the Vice-President and Comptroller recommend that the above outlined settlement be approved and authorized by the Board of Trustees, and that said special counsel and the Legal Counsel be authorized to enter into and file in the condemnation suit, on behalf of the University, any stipulation or stipulations, and the Comptroller and the Secretary of the Board be authorized to execute, on behalf of the University, any contract and other papers, approved by the Legal Counsel, which will be necessary or desirable in order to effect and carry out the recommended settlement, and the acquisition by the University of the land it will acquire thereunder.

I concur.

On motion of Mr. Swain, this settlement was authorized, and the other recommendations as presented above were approved, this action being taken by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Johnston, Mr. Stratton.

RECOMMENDATION OF THE UNIVERSITY PATENT COMMITTEE

(4) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendations relating to inventions by members of the staff.

1. New switchable beam antenna with applications in radio direction finding — John D. Dyson, Associate Professor of Electrical Engineering, inventor, and new direction finding system using frequency independent antennas — Albert D. Bailey, Professor of Electrical Engineering and John D. Dyson, inventors. The first invention is a system using one antenna with switchable radiation modes, thus eliminating the two basic limitations of the two-antenna system. The second invention has advantages over present systems of extreme bandwidths possible by the use of equiangular spiral antennas, capability of providing azimuthal information through a hemisphere, i.e., both low and high angle coverage, and simplicity. The Head of the Department of Electrical Engineering advised that he felt there is a possibility of commercial development for these inventions. They are additions to the complex of inventions from the antenna group for which patent applications have been made.

The Committee recommends release of the rights of the University in the inventions to the University of Illinois Foundation for filing of patent applications, with the condition that the Foundation fully recognize the contractual rights of the sponsoring agency, the United States Army Signal Corps.

2. Formation permeability measurement by supersonic energy — V. S. Tuman, Associate Professor of Mining and Metallurgical Engineering, inventor. This discovery is concerned with a method of measuring the permeability of rock formations at various distances from the bore of an oil well. The Head of the Department of Mining and Metallurgical Engineering reported that this idea probably has substantial potential commercial value; therefore, the Patent Committee, after study and due to the necessity for prompt action, authorized the University of Illinois Foundation to file a patent application.

The Committee requests confirmation of this action and recommends release of the rights of the University in this invention to the University of Illinois Foundation and further recommends the distribution of 15 per cent of any net income resulting from a patent to the inventor.

3. Music typewriter — Lejaren A. Hiller, Jr., Assistant Professor of Music, and Cecil Effinger, Department of Music, University of Colorado, inventors. This invention is an electrified music typewriter linked to a five-channel punched paper tape punch and reading unit or, alternatively, a unit for punched cards or coded magnetic tape. It was referred to the University of Illinois Foundation for study and report back to the Committee as to possible commercial value. A report has been received that there is little likelihood of any commercial value and that this is only a part of a larger number of components developed elsewhere.

The Committee recommends release of the rights of the University in this invention to the inventors.

4. Dynamic crossed-field electron multiplier — D. F. Holshouser, Research Associate Professor of Electrical Engineering, inventor. This invention is a device that multiplies the intensity of a primary electron beam by means of secondary emission. It has been reported that there are possibilities of commercial development of this invention.

The Committee recommends release of the rights of the University in it to the University of Illinois Foundation for filing a patent application, with recognition of the rights of the sponsoring agency, the United States Air Force.

I concur in these recommendations.

On motion of Mr. Clement, these recommendations were approved.

On motion of Mr. Clement, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

January 18, 1961



The January meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Wednesday, January 18, 1961, beginning at 10:30 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Richard A. Harewood and Mr. Wirt Herrick were not present when the Board convened but joined the meeting later, as indicated below. Governor Otto Kerner was absent.

Also present were President David D. Henry, Vice-President and Provost Lyle H. Lanier, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. S. Havens, Director of the Physical Plant, Mr. C. E. Flynn, Director of Public Information, Mr. L. A. Bryan, Director of the Institute of Aviation; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

APPOINTMENTS TO THE FACULTY

(1) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. PETER BOVING, Assistant Professor of Agricultural Engineering, beginning February 1, 1961, at an annual salary of \$8,000 (DY).
2. ALVIN DUBIN, Assistant Professor of Biological Chemistry, in the College of Medicine, beginning December 1, 1960, without salary (DY).
3. QUENTIN H. GIBSON, Visiting Professor of Biochemistry, for the second semester of 1960-61, at a salary of \$6,500 (E).
4. EDWARD MIKA, Assistant Professor of Pharmacognosy, in the College of Pharmacy, for six months beginning February 1, 1961, at a salary of \$3,600 (G).
5. VLADIMIR URSE, Clinical Professor of Psychiatry, beginning January 1, 1961, without salary (DY).
6. ALBERT WITTE, Visiting Professor of Law, for the second semester of 1960-61, at a salary of \$6,600 (E).

On motion of Mr. Pogue, these appointments were confirmed.

LEAVE OF ABSENCE FOR WILLIAM H. RICE

(2) On request of Governor William G. Stratton, William H. Rice, Administrative Assistant (Legislative Relations) in the President's Office, was granted leave of absence without pay for one year from January 1, 1960, to serve as Administrative Assistant on the Governor's staff.

Governor Otto Kerner has asked Mr. Rice to continue in this position on his staff and I have authorized an extension of Mr. Rice's leave without pay from January 1, 1961, until further notice.

Confirmation of this action is requested.

On motion of Mr. Swain, this action was confirmed.

**APPOINTMENT OF VICE-PRESIDENT IN CHARGE
OF THE CHICAGO PROFESSIONAL COLLEGES**

(3) A special committee appointed to search for and study the qualifications of available candidates for the position of Vice-President in charge of the Chicago Professional Colleges, to succeed Dr. Herbert E. Longenecker, who resigned as of July 1, 1960, to become President of Tulane University of Louisiana, has nominated Dr. Joseph S. Begando, who has been serving as Acting Vice-President since Dr. Longenecker left, to this position.

This nomination has the endorsement of the Vice-President and Provost.

The Vice-President for the Chicago Professional Colleges has, under the Vice-President and Provost and the President, the administrative responsibility for the operations of the campus and its component parts. He is expected also to be responsible for the interpretation of the work of the campus to the general public. He is expected to coordinate the work of the campus with the other campuses of the University and to establish liaison among the departments concerned. He is in charge of budget preparation and supervises all expenditures. The duties of this position are specified in detail in Section 25 of the University of Illinois Statutes.

I recommend that Dr. Joseph S. Begando be appointed Vice-President in charge of the Chicago Professional Colleges beginning February 1, 1961, and continuing through August 31, 1961, at a salary of \$21,000 a year on a twelve months service basis.

On motion of Mrs. Watkins, this appointment was approved.

HEADSHIP OF THE DEPARTMENT OF PSYCHIATRY

(4) The Dean of the College of Medicine recommends the appointment of Dr. Melvin Sabshin, presently Associate Director of the Institute for Psychosomatic and Psychiatric Research and Training at Michael Reese Hospital, Chicago, as

Professor of Psychiatry on indefinite tenure and Head of the Department beginning September 1, 1961, at an annual salary of \$23,000 on full time, twelve months service basis.

The nomination for this appointment was made by a search committee and is concurred in by the Acting Vice-President in charge of the Chicago Professional Colleges, the Dean of the Graduate College, and the Vice-President and Provost. Dr. Sabshin will succeed Dr. Francis J. Gerty, who has served as Professor and Head of the Department of Psychiatry for twenty years, and who resigned his position effective January 1, 1961, and is retiring from University service to become Director of the Department of Public Welfare of Illinois.

As an interim appointment, the Dean of the College of Medicine has recommended, the other recommending officers in the central administration concurring therein, the appointment of Dr. Paul E. Nielson, presently Associate Professor of Psychiatry, as Acting Head of the Department from January 1 through August 31, 1961, at a salary of \$150 a month during this period, in addition to his salary of \$14,000 a year as Associate Professor.

I recommend approval of these appointments.

On motion of Mr. Clement, these appointments were approved.

REQUIREMENTS FOR BACHELOR OF MUSIC DEGREE

(5) The Urbana-Champaign Senate recommends the following revision of the requirements for the degree of Bachelor of Music:

Degree requirements are increased from 124 to a total of 130 semester hours plus the general University requirements in physical education and military training.

In the instrumental and vocal curricula, *two* instead of *three* years of an applied minor will be required.

In all options fourth-year music theory (except in the composition major and music history courses) will become elective instead of required.

Music 101, Rudiments of Theory, is changed from *four* to *three* semester hours of credit.

Music 111 and 112, Music in Western Civilization, will be dropped, to be replaced by Music 213 and 214, The History and Appreciation of Music, which will be required of all School of Music students except History of Music majors; and credit for the latter courses will be increased from *two* to *three* semester hours.

Music 300 and 301, Advanced Counterpoint, are changed in title and content, and from *two* to *three* semester hours of credit.

Total electives up to thirty-five semester hours may be taken of which at least sixteen hours must be in the humanities in addition to the prescribed non-music courses.

The Chairman and the Secretary of the Senate Coordinating Council indicate that no other Senate jurisdiction is involved.

I concur.

On motion of Mrs. Watkins, these revisions were approved.

CURRICULUM IN THE TEACHING OF RUSSIAN

(6) The Urbana-Champaign Senate recommends authorization of a curriculum leading to the degree of Bachelor of Arts in the Teaching of Russian with a fifth year leading to the degree of Master of Arts.

The undergraduate curriculum was designed by the University Council on Teacher Education and has been approved by the College of Liberal Arts and Sciences. The five-year program leading to the master's degree has also been approved by the Graduate College.

These curricula conform to the standard requirements for degrees in the teaching areas. A minimum of 123 semester hours, exclusive of the general University requirements in military training and physical education, is required for the bachelor's degree, and eight units of graduate work are required for the master's degree.

The Chairman and the Secretary of the Senate Coordinating Council indicate that no other Senate jurisdiction is involved.

I concur.

On motion of Mr. Wilkins, this curriculum was authorized.

GRADUATE PROGRAM IN LINGUISTICS

(7) The Urbana-Champaign Senate recommends authorization of a graduate program leading to the degrees of Master of Arts and Doctor of Philosophy in Linguistics.

The program will be administered by an interdepartmental committee within the Division of Social Sciences appointed by the Dean of the College of Liberal Arts and Sciences with the approval of the Dean of the Graduate College and the President.

The general requirements governing admission of all graduate students will apply: a grade-point average of at least 3.5 in the last sixty hours of undergraduate studies completed; a broad background in the liberal arts and sciences.

Requirements for the master's degree are: at least eight units, six of which must be in linguistics, two chosen from 400-level courses and including Linguistics 402, Field Methods; the candidate must pass a comprehensive examination; the master's thesis is not required.

Requirements for the doctor's degree are: sixteen units beyond the master's degree must be completed, eight of which must be in Linguistics 499, Research; an introductory course in statistics is required, in addition to the standard language requirements of the Graduate College; a candidate must select either one minor of at least four units, or two minors of at least two units each, the minors being related to the candidate's field of concentration; candidates must pass oral and written preliminary examination, and a final oral examination upon completion of a doctoral thesis; students are encouraged to attend at least one summer session of the Linguistics Institute of the Linguistics Society of America, for which four units of credit granted by the host university may be transferred.

The Chairman and the Secretary of the Senate Coordinating Council indicate that no other Senate jurisdiction is involved.

I concur.

On motion of Mr. Hughes, this graduate program was authorized.

GRADUATE PROGRAM IN NUCLEAR ENGINEERING

(8) The Board of Trustees has previously authorized a graduate program in nuclear engineering leading to the degree of Master of Science. The Urbana-Champaign Senate recommends the extension of this graduate curriculum to the degree of Doctor of Philosophy in Nuclear Engineering, according to the following conditions and requirements.

The program will be administered by an interdepartmental committee within the College of Engineering appointed by the Dean of the College with the approval of the Dean of the Graduate College and the President.

For admission to this program, the general regulations governing admission of all graduate students will apply: a bachelor's degree in engineering or in one of the physical sciences; a scholastic grade-point average of at least 3.75 in the last sixty semester hours of undergraduate studies; and three hours or one unit credit in advanced calculus, differential equations, atomic physics and nuclear physics, or their equivalents.

Requirements for the doctor's degree are: a minimum of six units of graduate courses in nuclear engineering, excluding the thesis units; fulfillment of all general Graduate College requirements with respect to residence, credits, language proficiencies, and preliminary and final examinations; completion of an integrated program of advanced courses, as approved by the members of the graduate teaching faculty in nuclear engineering; and an acceptable thesis.

The Chairman and the Secretary of the Senate Coordinating Council indicate that no other Senate jurisdiction is involved.

I concur.

On motion of Mr. Johnston, this graduate program was authorized.

At this point, Mr. Wirt Herrick and Mr. Richard A. Harewood joined the meeting.

DEPOSIT REQUIREMENT FOR ADMISSION TO THE UNIVERSITY

(9) The Board of Trustees has approved a progressive admissions plan for undergraduate students to become effective for applicants for admission in September,

1961. Such a plan is necessary because available facilities are inadequate to meet expected increases in enrollment in all undergraduate programs.

To administer the plan effectively, including assignment of housing to applicants, it is necessary to know as accurately as possible at each stage of the admissions program how many applicants are firmly committed to enrolling. Experience of other universities which have a requirement of a non-refundable deposit indicates that this device is the most effective means of assuring a serious commitment.

The Dean of Admissions and Records and the all-University Committee on Admissions of which he is Chairman, recommend the collection of a non-refundable deposit of \$30 from all new undergraduate students, except foreign students who at the time of application are living outside the United States, seeking admission to the University for a fall semester, effective for September, 1961. The requirement will not apply to the second semester or the summer session unless needed. This recommendation is endorsed by the various administrative officers concerned with admissions, housing, and registration of new students.

Accordingly I have approved the following administrative procedure and request confirmation of this action:

1. Each new applicant for admission will be required to pay a deposit of \$30 before the issuance of a Permit to Enter the University, except foreign students who at the time of application are living outside the United States. The deposit will be required within definite deadline periods and will be credited towards the payment of tuition and fees if the student registers.
2. The deposit will normally be non-refundable, although exceptions may be made in unusual cases.
3. The receipt of the deposit and the issuance of a Permit to Enter will be required before the Housing Division enters into negotiations of housing contracts with applicants.
4. Failure to make the deposit of \$30 when notified to do so will not disqualify the applicant for admission later, unless the limit of new enrollment in the designated college or curriculum has been reached. The Permit to Enter will be issued to such a qualified applicant whenever he chooses to make the deposit, unless the quota in question has been filled.
5. The Office of Admissions and Records is authorized, in cooperation with the Business Office and other offices concerned, to implement all aspects of this deposit plan.

On motion of Mrs. Watkins, the President's action was confirmed.

WAIVER OF TUITION AND FEES FOR ASSISTANTS

(10) In the amendment of the General Rules Concerning University Organization and Procedure relating to the registration of staff members in the Graduate College, as approved by the Board January 20, 1960, provision was made that graduate students who are academic employees of the University, or of allied surveys and laboratories located at Urbana-Champaign, may register in University courses without payment of the tuition and fees provided their official appointments call for not more than 62.5 per cent of full-time services for a minimum of four months during the semester in which exemption is desired. Experience has shown that a more realistic figure would be two-thirds of a full-time load and it is therefore recommended that a change in this figure to 67 per cent be authorized.

On motion of Mr. Johnston, this change was authorized.

SALARIES OF ASSISTANTS

(11) The biennial budget estimates for 1961-63, as approved by the Board of Trustees, include a provision for increasing the salaries of full-time assistants to \$4,000 a year. This was discussed with the Finance Committee and with the Board when the budget was under consideration and while approval was implied in the action of the Board on the total budget, it is recommended that specific authorization of the minimum be made a matter of record.

On motion of Mr. Swain, this salary rate was approved.

EXPANDED EDUCATIONAL PROGRAM FOR THE CHICAGO UNDERGRADUATE DIVISION

(12) The Board of Trustees in July, 1954, approved a staff committee's recommendation that the Chicago Undergraduate Division be expanded eventually into a degree-granting branch of the University. The committee suggested, however, that priority be given to providing improved facilities for the existing two-year program, since the enrollment pressures justifying expansion to four years seemed to lie several years in the future. Unfortunately, the lack of capital appropriations delayed this initial stage of development.

In September, 1957, a "University Committee on a Four-Year Plan for the Chicago Undergraduate Division" was appointed, since it was then clear that by the time a new campus could be occupied, the four-year program would be needed in the Chicago metropolitan area. The new committee, under the chairmanship of Associate Provost Dangerfield, submitted a report in December, 1958, in which degree programs were recommended in several proposed colleges. The report was widely distributed within and outside the University—the latter group of recipients including the presidents of universities and colleges in the Chicago area, presidents of other state-supported universities, and members of the Commission of Higher Education.

In the light of that report and of the reactions to it—especially those from committees, department heads, and individual faculty members of the Chicago Undergraduate Division—Professor Norman A. Parker, Chairman of the University Building Program Committee, and Mr. James V. Edsall, Coordinator of University Planning, developed a detailed series of building-space estimates based upon an assumed educational program and enrollment projections through 1969. The principal purpose was to establish planning standards and to arrive at estimates of the numbers and kinds of personnel and facilities needed. They issued a preliminary report in August, 1959, and a revised version in February, 1960. The latter was circulated widely within the University for review and comment, and copies were sent to members of the Board of Trustees.

The next step in the planning process was the appointment of an "Interim Committee to Advise Concerning Physical Planning for the Chicago Undergraduate Division" consisting of Professor Parker, Chairman, Associate Provost Dangerfield, and Associate Deans Pickett and Hackett representing the Chicago Undergraduate Division. This Committee and the Director of the Physical Plant, Mr. Charles S. Havens, as Consultant to the Committee, have worked with the architects and engineers to develop a general campus plan which would provide the buildings required for the assumed educational program of the Parker-Edsall report, as revised in the light of recommendations made by the faculty of the Chicago Undergraduate Division. (For planning purposes Garfield Park has been used as a demonstration site.)

Recently the Interim Committee submitted a report which included: (a) a series of recommendations concerning the number and relative locations of buildings in the first phase of the construction program; (b) general specifications for space units; and (c) recommended changes in the assumed educational program. Physical planning will proceed in accordance with the recommendations of this report, copies of which will soon be made available. These conclusions, together with the prompt selection of a site, permit the planning and construction of buildings to be completed in time to allow the Chicago Undergraduate Division to move to the new campus by September, 1964.

Organization and Educational Policies and Plans

The Vice-President and Provost, as chief academic officer of the University, has made a careful study of the Interim Committee's report and of the background materials which have guided its deliberations and conclusions. Particular attention has been given to the various reports and other communications from the Chicago Undergraduate Division. He has also met with the Senate of the Chicago Undergraduate Division to discuss the recommendations made in the accompanying statement on Organization and Educational Policies and Plans. In the light of this study and consultation, and with the concurrence of the Vice-President for the Chicago Undergraduate Division, the Vice-President and Provost recommends that the Board of Trustees adopt the following statement of policies and plans concerning the educational objectives, the organizational status, and the educational

program for the initial stage of development of the Chicago Undergraduate Division on its new campus.

Recommended Policies and Plans Concerning the Proposed Expansion of the Chicago Undergraduate Division

The recent appointment of the Vice-President for the Chicago Undergraduate Division and the expected choice of a site in the immediate future make it appropriate now to outline the broad educational objectives of the expanded institution, to clarify its prospective organizational status within the University of Illinois, and to describe the general nature of the educational program to be offered. It is expected that the planning and construction of buildings will proceed on a schedule that will allow the Chicago Undergraduate Division to open the fall session of 1964-65 on the new campus.

I. Objectives

The fundamental purpose of the University in establishing a center of higher education in Chicago has been to bring to a metropolitan area with more than half the population of the state a broad range of educational benefits which an established state university of high quality can best provide promptly and effectively. Within this broad purpose are the following specific aims:

1. To help meet the acute demand for undergraduate education in the Chicago area created by population increases and by the rising proportion of high school graduates seeking admission to college. Even with the announced increases in the enrollments of existing institutions, including junior colleges, by 1965 there will be a serious shortage of opportunities for higher education available to Chicago's youth.
2. To give to Chicago a publicly supported institution offering degree programs in varied fields to qualified young people who can not afford the cost of attending local private colleges or public colleges away from home, or who for other reasons choose to enroll in a state university in Chicago. Aside from the enrollment emergency, too many able students would never graduate from college unless afforded opportunities in an urban university like that proposed for the new campus of the Chicago Undergraduate Division.
3. To develop an institution of higher education uniquely designed to meet the special needs of a rapidly changing metropolitan community, particularly as regards the training of specialized personnel for a wide range of occupational fields, and the provision of research service and educational leadership.
4. To encourage the utilization of the rich resources of the metropolitan area for cultural, social, economic, and scientific-technical education.

II. Organizational Status

It is recommended that the Chicago Undergraduate Division be given the kind of administrative autonomy that now prevails at the Chicago Professional Colleges. The date of this administrative change would coincide with that of the formal organization of the new colleges and divisions to be established. A time table and procedures for planning the new organizational arrangements during the interim period will be established by the President sometime within the current academic year.

Appropriate codification of the University's *Statutes* will be made to reflect the change in organizational status, the establishment of the office of Vice-President for the Chicago Undergraduate Division, and such other alterations as may be adopted.

III. The Initial Educational Program

The following colleges and divisions are recommended as the major administrative units for the new campus during the initial phase of development. It is expected that during the academic year 1964-65 students will be accepted for the third year of undergraduate study, in addition to the continuation of the two-year program now in effect at Navy Pier. The fourth year would be added in 1965-66. These developments would be subject to the availability of facilities and operating funds.

1. College of Liberal Arts and Sciences. Undergraduate degree programs will be offered in the physical sciences and mathematics, the biological sciences, the humanities, and the social sciences. The departments to be established within these four areas will be designated in the near future.

2. College of Engineering. Undergraduate degree programs will be offered which prepare professional engineers for employment in government and industry, and which provide the type of undergraduate education in engineering that is suitable for students preparing for graduate school. The departmental organization and the initial degree programs will be determined in the near future.
3. College of Commerce and Business Administration. Undergraduate degree programs will be offered in the departments of accountancy, economics, finance, marketing, and management.
4. College of Fine and Applied Arts. Undergraduate degree programs will be offered in architecture, art education, art history and painting, and industrial design. Service courses will be offered in the history of music, music education, chorus, band, and orchestra.
5. Division of Education. Courses in education sufficient to meet the requirements for teacher certification will be offered, but initially no degree programs in education as such are planned. Degree programs in teacher education will be offered in the departments of the several colleges which administer the subject-matter fields taught in the secondary schools. The director of the Division of Education would be the coordinator of teacher-education programs in the several colleges and would supervise the courses in education offered by the Division of Education. Degree programs in education will be introduced if and when it is established that the facilities of existing teacher education institutions in Chicago are inadequate to meet the need.
6. Division of Physical Education. Programs in physical education and recreational activities will be established in the first phase of development to the extent that physical facilities permit.

IV. Future Developments

The program just described should enable the University of Illinois to meet the most pressing needs suggested above in the statement of objectives—namely those related to the undergraduate enrollment demand created by population increases and by the rising proportion of high school graduates seeking admission to college. This will be the primary mission of the expanded Chicago Undergraduate Division, and this purpose will have priority over all other claims upon the space and operating funds available to the Division.

At the same time, future developments on the new campus should not be limited arbitrarily to these initial programs. The educational needs of the Chicago metropolitan area, the degree to which they can be met satisfactorily by existing institutions and programs, and the availability of resources should be the controlling considerations. The University of Illinois will keep the problem of further educational development at the Chicago Undergraduate Division under continuing study, and will propose such changes as seem justified by the total educational situation in the Chicago metropolitan area. Expansion into new fields—such as graduate study, adult education, and organized community services—would be undertaken only after appropriate discussion with representatives of other state and local institutions concerned.

These policies and plans are submitted to the Board with the recommendation that they be adopted after study and review.

This report was received for record and study. (This report was adopted and the recommendations approved by the Board on February 15, 1961. — Secretary's Note.)

FIXED-BASE OPERATIONS AT UNIVERSITY OF ILLINOIS AIRPORT

(13) The Institute of Aviation is the University's administrative agency responsible for the promotion and correlation of educational, research, and public service programs relating to aviation in all departments of the University. Its teaching programs include University credit courses in aircraft maintenance and professional pilot or flight training. In its cooperative relationships with other departments of the University, the Institute provides a variety of research facilities at the University of Illinois Airport. Its public service functions include flight service for faculty and staff traveling in connection with University business; and aircraft storage, mechanical repair and fueling, these latter services also being available to the general public. Under agreements with the Federal Aviation Agency and the state of Illinois, such services are legal and proper in all respects, so that in effect the University has been its own "fixed-base operator."

Other functions of a fixed-base operation which the University does not offer are the sale of aircraft, public aircraft charter service, and public flight instruction, since these services have been adequately provided by other airports in the community.

The Institute has been asked to permit a fixed-base operation on the Airport by a private operator or operators. The Federal Aviation Agency has advised that under the University's agreement with it, the University must permit any qualified person who applies for the same to become a fixed-base operator at the Airport under general and reasonable rules adopted by the University. The Legal Counsel has advised that he is of the opinion that the University may and should follow the present opinion of the Federal Aviation Agency as to what fixed-base operations the University may and should permit and what operations it may legally reserve to itself.

Accordingly, the Director of the Institute has proposed the following statement of policy to be adopted by the Board to govern such future private operations at the Airport:

1. Any future expansion of airline service by common carrier by air to the community shall be permitted upon the same general terms as now exist or may exist in the future between the University and Ozark Air Lines.
2. It is the policy of the Board to abide by the obligations assumed by the University under its Sponsor's Agreements with the Federal Aviation Agency, including the provision for qualified fixed-base operators to base upon and operate from the University of Illinois Airport upon payment to the University of reasonable charges and rentals for the privileges granted and the land or facilities provided by it to each such operator. Such operations shall be in accordance with the terms of the University's assurances under the Federal Airport Act, the regulations of the Federal Aviation Agency, and any other pertinent legal rules, but with exclusive reservation to the University of all rights for the sale of aviation gasoline and oil, University staff air transport service, flight instruction for University staff and students for which University credit is given, and repair and storage of aircraft and aircraft accessories, except those aircraft and aircraft accessories owned and operated by a fixed-base operator.
3. The basic qualifications which must be possessed by an applicant to be considered for a lease as a fixed-base operator to operate upon and from the University of Illinois Airport are set forth in Appendix A and are declared to be a part of this statement of policy.
4. Any construction of buildings on the Airport needed by a fixed-base operator, and which the University does not erect, shall be in accord with the master plan of the Airport and in accord with the plans and specifications approved by the University. All buildings or improvements must be aesthetically compatible with other buildings on the Airport and be reasonably suitable for the aeronautical purposes for which the tenant proposes to use the premises.
5. No leases at the Airport shall exceed the unexpired portion of the twenty-year period existing under the latest grant from the Federal Aviation Agency.
6. Negotiations with applicants for fixed-base operating rights shall be handled by the Director of the Institute of Aviation who shall have full authority to represent the University, to prepare contracts in accordance with the University Statutes and the Rules of Organization and Procedure, and to submit them to the Board for action.

Adoption of the above would put the University on record with the general public and the Federal Aviation Agency as to the University's general Airport policy. Any future construction contracts or leases would follow the usual business procedures and would be subject to approval by the Board of Trustees.

I concur.

Appendix A. General Qualifications for Fixed-Base Operators

Every person or firm applying for status as, or desiring to become, a fixed-base operator at the University of Illinois Airport will be required to meet the following general qualifications:

1. The applicant must present evidence satisfactory to the Board of Trustees of the University of Illinois of his financial capability to perform the contemplated operation. This shall include a credit rating without anything derogatory

- appearing thereon, present financial solvency as shown by a satisfactory financial statement, and available funds for the necessary investment to establish and carry out the Fixed-Base operation proposed, together with such additional information as may be appropriate in particular cases.
2. Every individual applicant, and all the officers of any corporate applicant, and all partners in any partnership applicant, shall be of good moral character. References will be required. Each applicant shall agree to require these same qualifications of each of his employees.
 3. Every applicant will be required to provide a satisfactory bond conditioned on his continuation in the business of the Fixed-Base operation applied for, for at least two years, in an amount commensurate with the type of Fixed-Base operation applied for.
 4. Every applicant will be required to show that he either owns and possesses or has definite commitments for satisfactory plant, equipment, tools, and other materials necessary to carry out the purpose of the proposed Fixed-Base operation, including all franchises and other contracts or approvals which are reasonably necessary for the type of Fixed-Base operation proposed.
 5. Every applicant will be required to show that he has in his employ, or has commitments for the employment of, qualified personnel for all phases of the performance of the contemplated Fixed-Base operation. In positions where such is necessary, the applicant shall show that he has commitments from personnel having current all the necessary aeronautical certificates and ratings.
 6. Every applicant will be required to indemnify the Board of Trustees of the University of Illinois against any loss arising out of his Fixed-Base operation, the form of such indemnity agreement to be approved by the Legal Counsel. To further insure the performance of such indemnity agreement, each such applicant will be required to furnish insurance commensurate with the particular type of operation applied for, and a performance bond guaranteeing the performance of all conditions of his agreement with the Board of Trustees of the University of Illinois, including the aforementioned indemnity agreement, and shall be executed by a corporate surety having a policyholder's rating not lower than "A" and a financial rating not lower than "AA" in the current issue of Best's Insurance Guide. Where practicable, this bond may be combined with the bond required in paragraph 3 hereof, provided that no less protection shall be afforded by such combined bond than would be provided by separate bonds under this paragraph and paragraph 3.
 7. Every applicant will be required to present evidence satisfactory to the Board of Trustees of the University of Illinois of his experience either in the type of fixed-base operation applied for or in other types of businesses where problems similar to those involved in such a fixed-base operation would have been encountered.
 8. Every applicant must present evidence that he is fully qualified to contract with the Board of Trustees of the University of Illinois, and not prohibited from so doing by any provision of the Illinois Constitution or any applicable Illinois statute, or any rule or regulation thereunder, or under the statutes of the Board of Trustees of the University of Illinois.
 9. Every applicant shall, when submitting his application, enclose therewith a concrete proposal covering in detail all facets of his proposed fixed-base operation.
 10. Every applicant applying for a fixed-base operation which will entail the construction by the applicant of any building on the Airport premises shall, with his application, submit plans for such building drawn by a competent and reputable architect. Such plans must conform to paragraph 4 of the Statement of Policy.
 11. Every applicant must agree to abide by and comply with all applicable provisions of the most recent Agreement between the Board of Trustees of the University of Illinois and the United States of America, including, but not limited to, the following:
 - a. To furnish good, prompt, and efficient service adequate to meet all the demands for its service at the Airport;
 - b. To furnish said service on a fair, equal, and nondiscriminatory basis to all users thereof;
 - c. To charge fair, reasonable, and nondiscriminatory prices for each unit of sale or service: provided, that the contractor may be allowed to make

reasonable and nondiscriminatory discounts, rebates, or other similar types of price reductions to volume purchasers; and

- d. To observe, abide by, and comply with all applicable federal and state laws, rules, and regulations.

On motion of Mr. Swain, the foregoing statement of policy and the specifications of qualifications for fixed-base operations were adopted.

APPROPRIATION FOR GRADUATE FELLOWSHIPS FOR 1961-62

(14) The Dean of the Graduate College recommends that funds for graduate fellowships for 1961-62 be committed at this time so that fellowship awards can be made and announced by April 1, 1961. Accordingly, I recommend that an assignment of \$282,500 be authorized to support fellowships, \$262,500 for graduate study at Urbana-Champaign and \$20,000 for fellowships at the Chicago Professional Colleges. This represents, at the current stipend level, the same number of fellowships awarded in the past several years and the assignment will constitute a lien on the University's operating budget for 1961-63.

On motion of Mr. Clement, the appropriation was made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(15) The Committee on Nonrecurring Appropriations recommends assignments of funds from the General Reserve as follows:

1. College of Agriculture

Department of Food Technology, office space.....	\$ 4 445 00
(To divide Room 106 into a lecture room and laboratory and to convert Room 107, present seminar room, into three offices)	
Department of Food Technology, remodeling Dairy Manufactures Building.....	5 000 00
(To complete the remodeling program in the Dairy Manufactures Building started in 1955. This will provide air conditioning and a center bench and sink for research by graduate students in the microbiology of dairy products.)	
Agricultural Engineering Building, rewiring.....	4 740 00
(To replace individual circuits running from the service panels previously installed)	
2. College of Physical Education, Huff Gymnasium pool improvements
(To improve the ventilating and heating system to reduce dampness and humidity, a source of danger to the health of swimmers and spectators) 3 360 00
3. College of Veterinary Medicine, remodeling of Small Animal Clinic
(To repair and remodel the east wing of the Small Animal Clinic to provide an additional ward and one examination room) 3 820 00
4. Statistical Service Unit, remodeling..... 6 780 00
(This is a supplementary assignment to complete the remodeling of the Statistical Service Unit; a previous assignment of \$68,000 was made for this remodeling, based on an estimate which was too low)

Total..... \$28 145 00

I concur.

On motion of Mr. Johnston, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

ANNEXATION OF LAND TO CITY OF URBANA

(16) The city of Urbana has requested that forty acres of land west of Race Street, between Montclair Road extended and George Huff Drive extended, be annexed to the city. The Orchard Downs apartments are located on this site.

I concur in this and recommend adoption of the following resolution:

Resolution

Be It, And It Is Hereby, Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that this public corporation authorize, endorse and approve the annexation to the City of Urbana of the following described property owned by this public corporation, to wit:

The Southeast Quarter (SE $\frac{1}{4}$) of the Northwest Quarter (NW $\frac{1}{4}$) of Section Twenty (20), Township Nineteen North (T 19 N), Range Nine East (R 9 E), of the Third Principal Meridian (3rd P.M.), containing 40 acres, more or less;

all situated in the County of Champaign and State of Illinois.

Be It, And It Is Hereby, Further Resolved by said Board of Trustees of said public corporation that the Comptroller and Secretary of said public corporation be, and they are hereby, authorized and empowered, for and on behalf of said public corporation, to make, execute, acknowledge, and deliver any and all legal writings, agreements, papers, and documents reasonably necessary to perform, accomplish, and effectuate such annexation of said property.

On motion of Mr. Pogue, the foregoing resolution was adopted.

URBANA STORM DRAINAGE IMPROVEMENTS

(17) The Board of Trustees has approved the payment of the University's proportionate share of the cost of two storm drainage improvements:

The University Downs-Southeast Campus Storm Sewer, starting at a point west of Race Street and north of George Huff Drive, thence southwest to the junction with the Embarrass River at the southwest corner of Section 30, a distance of approximately 9,300 feet; and the

Urbana Storm Drainage Improvements-Northwest Drainage Basin which extends north of Springfield Avenue.

The first of these will serve University land areas south of Florida Avenue and west of Race Street; and the second will serve University properties on either side of Goodwin Avenue north of Springfield Avenue.

The University's contributions are determined by an independent engineering appraisal and evaluation of the benefits to the city and to the University. Such an evaluation has been made by Wilson and Anderson, Consulting Engineers, Champaign, who have determined that the University will receive benefits from 56 per cent of the cost of the southwest storm sewer from the point of origin to the junction of the Embarrass River. On the basis of construction bids received, the University's share of the cost will be \$181,487.33, subject to adjustment for change orders approved by the University.

In order that the city could award the construction contracts and begin work promptly the Comptroller and the Secretary of the Board have executed an agreement with the city on this basis, providing for the payment of \$62,300 in thirty days after completion of the work and the remainder in two successive biennial periods, subject to availability of funds for this purpose. Funds for the current biennium are available in the state capital appropriations to the University for 1959-61.

Confirmation of this action and assignment of \$62,300 from the state capital appropriations for this purpose is requested.

The city of Urbana has agreed to accept a payment of \$20,000 for the University's share of the cost of the north Urbana project which is within the estimates made by Wilson and Anderson. In addition, the University must pay for relocating its utilities crossing Goodwin Avenue, estimated to cost \$16,500.

The Director of the Physical Plant and the Vice-President and Comptroller recommend acceptance of the city's proposal and that an appropriation of \$36,500 be made from the General Reserve for this improvement.

I concur.

On motion of Mr. Johnston, these recommendations were approved and funds were assigned as requested; this action was taken by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr.

Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACTS FOR CONSTRUCTION OF ENTOMOLOGY BUILDING

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for the construction of the Entomology Laboratory Building as follows, the award in each case being to the lowest bidder:

General — Johnson, Drake, and Piper, Inc., Terre Haute, Indiana.....	\$896 000
Plumbing — George S. Walker Plumbing and Heating, Inc., Chicago...	106 870
Heating and Refrigeration — Gallaher and Speck, Inc., Chicago.....	271 853
Base bid.....	\$356 853
Less deductive alternate for omission of air conditioning..	85 000
Ventilating — R. H. Bishop Company, Champaign.....	127 750
Base bid.....	\$129 450
Less deductive alternate for omission of air conditioning..	1 700
Pipe Covering — Sprinkman Sons Corporation of Illinois, Peoria.....	46 988
Base bid.....	\$ 47 888
Less deductive alternate for omission of air conditioning..	900
Electrical — J. C. Schaeffer Electric, Inc., Peoria.....	116 465
Base bid.....	\$117 700
Less deductive alternate for omission of air conditioning..	1 235

Funds are available from the following sources:

National Institutes of Health grant.....	\$ 693 015
State capital appropriation for 1959-61 for Health Research Facilities	932 500
Assignment of University funds from Indirect Costs (from research contracts).....	170 000
Total.....	\$1 795 515

Submitted herewith is a report from the Physical Plant Department on this project including a list of all bids received, a copy of which is being filed with the Secretary of the Board for record. As indicated in this report, alternate bids were taken to secure a breakdown of the bidding so that contracts could be awarded in terms of available funds. Two Alternates (A and B), totaling \$81,645, provide for a second group of fixed equipment and a final group of fixed equipment, respectively. A third (Alternate C) provides for omission of the air conditioning system, totaling \$88,835. The contractors who are being recommended have agreed that the work covered by these alternates may be restored to the project at any time prior to July 31, 1961, since a decision on them is not essential until that date. It is therefore recommended that authority be given at this time to restore the omitted items to the project if an additional \$170,000 is made available from federal funds or other sources prior to July 31, 1961. Negotiations are now under way for an additional federal grant to match the \$170,000 University appropriation.

I concur in these recommendations.

On motion of Mr. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACT FOR MASONRY REPAIRS ON CHICAGO PROFESSIONAL COLLEGES BUILDINGS

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$10,500 to W. L. Kercher Company, Chicago, the lowest bidder, for tuckpointing and masonry repairs on Chicago Professional Colleges buildings.

The work will consist of repairs to brick and stone copings and side walls, where weathering of mortar has caused deterioration, on the first and second units

of the Dentistry-Medicine-Pharmacy Building, the Research and Educational Hospitals original building, and the Illinois Surgical Institute Building. This tuckpointing program is of a continuing nature to insure proper maintenance of buildings.

Funds are available in the Physical Plant Department budget.

I concur.

On motion of Mr. Harewood, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACT FOR REMODELING IN FIRST UNIT OF THE DENTISTRY-MEDICINE-PHARMACY BUILDING

(20) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$4,184 to the Gardner Construction Company, Oak Park, Illinois, the lowest bidder, for remodeling in the first unit of the Dentistry-Medicine-Pharmacy Building.

This will consist of general contract work, including wrecking, plaster patching, new floor covering, painting, decorating, and connection of laboratory furniture, in remodeling a room for the Department of Biological Chemistry for use in graduate teaching and research.

This will be paid for partly from University funds and partly from matching funds received from the National Science Foundation.

I concur.

On motion of Mr. Hughes, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACT FOR INSTALLATIONS OF AIR CONDITIONING IN NEW PHYSICS BUILDING

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$176,320 to F. R. Inskip and Company, Champaign, the lowest bidder, for air-conditioning installations and incidental work in the new Physics Building.

The Physics Building is being constructed in stages, the first stage having been substantially completed and has been in service since October, 1959. The contract for air conditioning now recommended is on a base bid of \$133,220 for installations in the present building with an alternate bid of \$43,100 for the provision of a second compressor in the basement mechanical equipment room which will be required for air conditioning the second stage of construction of the building. Installation of the second is desirable at this time because it is necessary to provide a major opening in the basement wall and major excavation adjacent thereto in order to install either one or two compressors. Installing both now will result in a saving of money and avoid reconstruction of the lawn and landscaping in front of the building.

Funds are available in the state capital appropriations to the University for 1959-61.

Attached is a report from the Physical Plant Department on this project including a schedule of all bids received.

I concur.

On motion of Mr. Herrick, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACT FOR SCULPTURAL WORK FOR EXTERIOR OF KRANNERT ART MUSEUM

(22) Mr. Herman C. Krannert, principal donor of the Krannert Art Museum, has authorized the University to commission a sculptural work for the exterior of the

Museum for which he will contribute the funds directly to the University. This will be a bronze casting and the Director of the Krannert Art Museum has negotiated with Mr. Mirko Basaldella, of Rome, Italy, a sculptor, presently a Visiting Professor at Harvard University, to do the work according to the following terms.

One third of the sculptor's fee will be paid on completion and approval of the model.

One third will be paid at time of casting and finishing the bronze.

One third will be paid at time of delivery to the Krannert Art Museum.

The sculptor will make adequate provision for run off of water to prevent discoloration of marble facing.

Installation of work will be paid for by the University of Illinois.

Travel in the United States and incidental expenses incurred by Mirko Basaldella will be paid by the University of Illinois.

I recommend acceptance of the offer and authorization of a contract with the artist according to the general terms outlined and within the funds to be made available for this sculpture; and said contract to include such other provisions as may be deemed necessary.

The Secretary reported that Mr. Krannert has offered to contribute \$24,000 for this sculpture.

On motion of Mr. Swain, this offer was accepted and a contract was authorized as recommended, according to the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

EXCHANGE WITH SMITHSONIAN INSTITUTION OF ARCHIE F. WILSON WOOD SPECIMENS COLLECTION FOR OTHER BOTANICAL SPECIMENS

(23) In 1952 Mr. Archie F. Wilson of Flossmoor executed a deed of gift of his wood specimens collection and library materials to the University, but retained possession of it during his lifetime. Prior to his death in the summer of 1960, Mr. Wilson informed the University that he desired the Smithsonian Institution to have his collection.

An agreement has been reached whereby the Smithsonian Institution will give the University herbarium specimens of equivalent value in exchange for the Wilson collection. The Chairman of the Department of Botany, the Vice-President and Comptroller, and the Legal Counsel recommend authorization of this exchange as the specimens to be received will be of greater value to the present research and teaching program of the Department than the Wilson collection.

I concur.

On motion of Mr. Johnston, this exchange was authorized.

FORD FOUNDATION GRANT FOR ENGINEERING FACULTY RECRUITMENT AND DEVELOPMENT PROGRAM

(24) The Ford Foundation has made a grant of \$75,000 to the University to be used over a period of one to two years for the experimental Engineering Faculty Recruitment and Development Program. I have accepted the grant on behalf of the University with a suitable expression of appreciation on behalf of the Trustees and other University officials concerned and I report my action for official record.

This supplements a previous grant of \$275,000 to the University, as reported to the Board on October 21, 1959, for experimental projects for strengthening engineering faculties.

This report was received for record.

REPORT ON LAND ACQUISITIONS

(25) The Director of the Physical Plant and the Vice-President and Comptroller submit the following report of property purchases authorized by the Board since the last report (Board meeting, January 20, 1960) and now completed. Those indicated by asterisks were purchased directly by the University. The others have

been acquired for the University by the University of Illinois Foundation which is financing the purchases until funds are available for acquisition by the University.

Land for the College of Agriculture

<i>From</i>	<i>Cost</i>
Esther A. Maxwell and Grace J. Maxwell — approximately 131 acres east of First Street and approximately one mile south of St. Mary's Road . . .	\$131 168
H. N. Pell Estate — 160 acres at the southwest corner of St. Mary's Road and the Philo Road	113 000
Boyd Harper and Margaret G. Harper (formerly owned by A. R. Temple) — approximately 86 acres one mile south of St. Mary's Road and three-fourths mile east of First Street	152 000
Boyd Harper and Margaret G. Harper (formerly owned by Ruth Newton) — 80 acres at St. Mary's Road and Lincoln Avenue extended	140 000
*Fred V. Percival, Bertha Percival, Marie E. Mooney, and H. F. Mooney — approximately 51 acres on the east side of First Street approximately three-fourths mile south of St. Mary's Road	127 500

Land for the Institute of Aviation

<i>From</i>	<i>Cost</i>
Agnes S. Troutman, A. Russell Troutman, and May Troutman — approximately 128 acres north of the University of Illinois Airport	\$135 230

Land for Campus Expansion

<i>Address</i>	<i>Owner</i>	<i>Cost</i>
20 East Armory Avenue, Champaign	Harlan E. Moore and Company	\$70 000
*1002 West Green Street, Urbana (rear area of lot, approximately 5,000 square feet)	Clyde C. Brown and Gertrude M. Brown	6 800
*607 and 609 East Healey Street, Champaign	John M. Johnson and Marjorie Johnson	41 264
1112 West Main Street, Urbana	Purity Baking Company	30 000
907 South Sixth Street, Champaign	Mary Phebus and Ollie Croxville	45 000
1101 and 1302 West Springfield Avenue, Urbana	Twin City Bible Church	55 000
*903 West Nevada Street, Urbana	Charles E. Warwick and Betty M. Warwick	43 000

This report was received for record.

PURCHASES

Purchases Authorized

(26) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase was recommended on the basis of the lowest acceptable bid.

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Construct 20 ft. by 24 ft. frame Operations Building for 28-foot parabolic antenna at job site near Danville	Electrical Engineering	H. B. Baker, Masonry, Champaign	\$6 900 00 f.o.b. job site
One computer main frame	Digital Computer Laboratory	Sherman-Reynolds, Inc., Chicago	5 460 00 f.o.b. Chicago
20,000 transistors as per specifications	Digital Computer Laboratory	Clevite Transistor Products, Waltham, Mass.	23 000 00 f.o.b. delivered
One power supply system consisting of three magnetic amplifier supplies 34 volts, 300 amperes	Digital Computer Laboratory	NJE Corporation, Kenilworth, N.J.	52 373 00 f.o.b. delivered
Two magnetic amplifier supplies 14 volts, 300 amperes			
Twelve regulating modules			

On motion of Mr. Pogue, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

Item	Department	Vendor	Cost
One two-channel solid-state FM record-reproduce tape recorder with accessories	Pharmacology	Precision Instrument Co., c/o Pivan Engineering Co., Chicago	\$7 200 00 net delivered
504 bottles Lipomul 1. V., 500 cc; this represents a three-month supply	Pharmacy Stores	Upjohn Co., Chicago	2 948 40 delivered
20,000 chloramphenicol capsules; this represents a three-month supply	Pharmacy Stores	Parke-Davis Co., Chicago	4 998 00 delivered

Urbana-Champaign Departments

One reflecting polariscope and accessory items for use in reflection type photoelastic studies of actual specimens (not transparent models)	Civil Engineering	Instruments Division, Budd Co., Oak Park	\$4 493 00 f.o.b. delivered
300 transistors	Digital Computer Laboratory	Fairchild Semiconductor Corp., Oak Park	2 625 00 f.o.b. delivered
5,300 resistors, miscellaneous values	Digital Computer Laboratory	Dale Electronics, Inc., Columbus, Neb.	2 570 00 f.o.b. Columbus, Neb.
9,400 resistors, 1 per cent tolerance, miscellaneous values	Digital Computer Laboratory	Newark Electronics Corp., Chicago	4 004 50 f.o.b. delivered
Transistors: 2,900 type N250 200 type N251 600 type 2N1305 100 type 2N1306	Digital Computer Laboratory	Texas Instruments, Inc., Chicago Types N250 and N251 Newark Electronics Corp., Chicago Types 2N1305 and 2N1306	6 616 00 f.o.b. Dallas, Tex. 779 10 f.o.b. delivered
Diodes: 25 $\frac{1}{2}$ M 7.5 Z5 50 $\frac{1}{2}$ M 9.1 Z5 100 $\frac{1}{2}$ M 6.8 Z5 100 $\frac{1}{2}$ M 8.2 Z5 500 $\frac{1}{2}$ M 10 Z5 50 $\frac{1}{2}$ M 11 Z5	Digital Computer Laboratory	Motorola Semiconductors Products, Inc., Chicago	3 387 50 f.o.b. Phoenix, Ariz.
References (Stabistors): 300 type 3140A 250 type 3141A 600 type 3142A 500 type 3143A 150 type 3144A	Digital Computer Laboratory	Semiconductor Specialists, Inc., Chicago	4 714 50 f.o.b. delivered
Repair of underground vaults housing equipment for Radio Direction Finding Project. (The building and equipment for the Radio Direction Finding Project of the Department of Electrical Engineering are south and west of the University Airport. This research project is under the sponsorship of the Office of Naval Research.)	Electrical Engineering	E. H. Grothe, Tolono	4 830 00 f.o.b. job site
Components for high frequency direction finder consisting of one set of the following: R. F. tuner and first mixer, test signal generator, first IF amplifier and second mixer, second local oscillator, monitor unit, interconnecting panel and cables, servo amplifier, power supplies, relay rack units, and mounting slides for local oscillator unit	Electrical Engineering	General Precision Industries, Ltd., Montreal, P.Q., Canada	12 389 20 f.o.b. Granby, P.Q., Canada
923 items of laboratory apparatus and equipment for stock in the General Chemical Stores	General Chemical Stores	LaPine Scientific Co., Chicago	53 133 52 f.o.b. delivered
One high temperature, high vacuum, diffractometer attachment including camera with "Be" windows and controls, water distribution manifold, heating element, thermocouple assembly, carrying case and power supply	Mining and Metallurgical Engineering	MRC Manufacturing Corp., Yonkers, N.Y.	4 400 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One each bearing aid test box, microphone amplifier, frequency analyzer, and frequency response recorder	Speech and Theatre	B & K Instruments, c/o Bard Associates, Riverside	\$ 6 425 00 f.o.b. Cleveland, Ohio
One twelve-inch rotating electro-magnet with 3.25 inch gap tapered pole caps to produce 10,000 gauss at 50 amps, complete with power supply, remote control unit, field control unit, and one extra set tapered pole caps to give approximately 29,000 gauss with 0.087 inch gap	Physics	Harvey-Wells Nuclear Corp., Framingham, Mass.	16 975 00 f.o.b. delivered and installed
Print three issues (29,000 copies each) of <i>Illinois Alumni News</i>	Alumni Association	Neely Printing Co., Inc., Chicago	7 940 00 f.o.b. delivered
Print one issue (95,000 copies) of <i>Illinois Alumni News</i>			
Print and bind 2,000 copies of <i>Chicago and the Labor Movement</i> , by Barbara W. Newell	University Press	Kingsport Press, Inc., Kingsport, Tenn.	4 190 47 f.o.b. delivered
Mimeograph paper, 8½ by 11	Office Supply Store	J. W. Butler Paper Co., Chicago	42 220 00 f.o.b. delivered
61,500 reams 16 lb.			
5,000 reams 20 lb.			
2,500 reams 24 lb.			
8½ by 14			
1,500 reams 16 lb.			

On motion of Mr. Pogue, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(27) The Comptroller's report of contracts executed during the period December 1 to 31, 1960.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Department of Health, Education, and Welfare SAE-9133	Two films to demonstrate the use of film techniques in teacher education	\$42 240 00	August 22, 1960
United States Navy, Princeton University Sub-contract Nonr 1858(25)	Statistical properties of two-phase flow	25 000 00	October 1, 1960
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
David F. Hubbard and Howard O. Watson	Perpetual right to drain land comprising the Orchard Place housing area through the South Race Street storm drain	\$ 971 61	December 12, 1960
State Attorney of Piatt County	Services rendered in lieu of taxes (Allerton and Warren Farms)	12 207 93	September 19, 1960
United States Atomic Energy Commission, sub-contract to Barnes and Reinecke, Inc. AEC AT(11-1)415	Consulting engineer services in connection with the new digital computer	Not to exceed 7 000 00	November 17, 1960

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Kathleen F. Gallivan	Portion of first floor of building at 30 East Springfield Avenue, Champaign	\$ 1 344 00 (annually)	November 10, 1960
International Harvester Co.	Rental of farm machinery — two items: \$93.68 and \$444.70	538 38 (annually)	December 6, 1960

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Corn Products Refining Co.	Carbohydrates and unidentified growth factors for the baby pig	\$ 1 500 00	November 7, 1960
United States Air Force AF-33(616) 5446	Films of surface active substances on a metal surface	25 000 00	October 20, 1960
United States Air Force AF-33(616) 6428	Analyzing principles of the mammalian auditory system	65 554 00	September 30, 1960

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Air Force AF-49(638) 543	Spaces admitting significant fixed point indices	\$ 5 617 35	September 28, 1960
United States Air Force AF-49(638) 763	Electron microscopy of ultrasonically irradiated muscle	7 980 00	September 17, 1960
United States Army DA-11-177-AV-582	Pilot training (R.O.T.C.)	1 001 50	November 16, 1960
United States Army DA-36-039 SC-78313	Microwave duplexer switching mechanism	40 200 00	December 16, 1960
United States Army DA-49-007-MD-421	Transmission of the common cold under controlled conditions	63 696 00	August 31, 1960
United States Atomic Energy Commission AT(11-1)415	Electronic high-speed digital computers	50 000 00	December 12, 1960
United States Navy Nour-1834(18)	Variety of topics in number theory	17 000 00	August 15, 1960
United States Navy Nour-1834(23)	Theory of group representations	14 778 00	September 15, 1960
United States Navy Nour-1834(26)	Development of suitable techniques and instrumentation for measuring acoustic attenuation	17 500 00	August 31, 1960
Hiram Walker & Sons, Inc.	Nutritive properties of dried distillers' solubles in swine nutrition	760 00	December 9, 1960

Adjustments Made in 1960-61 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Seventeen items: \$459.00 deduct to \$2,650.00	\$ 4 441 00	November and December, 1960

This report was received for record.

COLLEGE OF PHARMACY ADVISORY COMMITTEE

(28) The Dean of the College of Pharmacy recommends the following appointments to the College of Pharmacy Advisory Committee:

GERALD A. INGLEHART, Director of Personnel of the Walgreen Company, 660 Grove Street, Glenview, Illinois, for a term ending June 30, 1965.

ROBERT A. HARDT, President of Armour Pharmaceutical Company, 1242 West Lake Shore Drive, Chicago, Illinois, for a term ending June 30, 1964.

Mr. Inglehart will replace Mr. E. A. Kerner of Champaign and Mr. Hardt will replace Mr. Paul Freeman of Franklin Park, whose terms expired June 30, 1960.

The other members of the Committee whose terms have not expired are:

FRED B. KIENZLE, Chairman, Midwest District Vice-President, McKesson and Robbins, Inc., 540 West Randolph Street, Chicago, Illinois. Term expires June 30, 1961.

REED G. HENNINGER, 3 Longcommon Road, Riverside, Illinois. Term expires June 30, 1962.

GEORGE E. PARKS, 206 South Main Street, Anna, Illinois. Term expires June 30, 1963.

I concur.

On motion of Mr. Swain, these appointments were approved.

BUILDING PROGRAM FOR 1961-63

(29) The University's Building Program Committee has recommended some changes in the building program for 1961-63 since its adoption by the Board of Trustees on July 26, 1960. At the request of President Henry, Director C. S. Havens presented the Committee's recommendations.

The University Building Program Committee reports that since its recommendations were submitted to and approved by the Board of Trustees on July 26, 1960, the following developments will require increasing the recommendations of the Committee if these programs are to be undertaken:

1. Construction of a Materials Research Project by the Atomic Energy Commission. Although the building will be constructed by the Commission, the University will have to assume the following increased costs:

a. Increase in the utilities distribution system and power plant—\$483,000. The University will be required to divert the existing utilities around the site, plus the extension of utility services (steam, electrical, storm sewer,

sanitary sewer, water, telephone, and fire alarm) to within five feet of the building, including an extension of the steam tunnel from the south side of Green Street, north along the east side of Goodwin Avenue to the site.

The above expenditures will be required for any construction undertaken on this site. The Materials Research Project merely advances the time when such expenditures become necessary.

- b. Increase the funds for the construction of the Physical Plant Service Building—\$152,000.

These funds are required to vacate the Physical Plant facilities (in addition to those that would be vacated in the appropriation recommended by the Committee) now on the site.

2. Expansion of the land acquisition program, Urbana-Champaign—\$600,000. This increase is recommended in order to:

- a. Provide additional staff office space. This is the most critical need of the University until construction is completed on new building projects.

- b. Make payments on properties purchased by the Foundation during the current biennium in excess of provisions made in the recommendations of the University Building Program Committee (the purchases developed following the submission of the Committee's report).

3. Increase in funds for public improvements—\$226,503. This increase will be required to meet the University's proportionate share of public improvements sponsored by the Upper Embarrass River District, the city of Urbana, the Urbana and Champaign Sanitary District, and the city of Champaign.

In general, this increase results from the receipt of firm cost estimates which were only tentative at the time the University Building Program Committee report was submitted. Only one new project, a proposal by the city of Champaign, has been added.

The Committee recommends amending the building program for 1961-63 to include funds, totaling \$1,461,503, for the additional improvements and land acquisitions described above.

President Henry stated that he concurs in these recommendations.

On motion of Mr. Swain, the building program for 1961-63 was amended in accordance with the changes recommended above; this action was taken by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

SUPREME COURT DECISION ON GARFIELD PARK LAND ACQUISITION

(30) As previously reported to the Board of Trustees, two actions were instituted in the Circuit Court of Cook County challenging the right of the Chicago Park District to convey certain lands in Garfield Park to the University of Illinois for use as the permanent site of a Chicago campus of the University. The plaintiffs in one action are three taxpayers who own land across the street from or in the immediate vicinity of the Garfield Park site. The plaintiffs in the other action are the People of the State of Illinois and two taxpayer intervenors who own land located in the downtown Chicago business district.

The Circuit Court in these proceedings held that the Act of the General Assembly of Illinois, approved July 22, 1959, authorizing the Chicago Park District to convey park lands to the University, is unconstitutional and the Court enjoined the Chicago Park District from taking any steps to convey, and the University from taking any steps to acquire, any interest in Garfield Park.

The Board of Trustees on September 21, 1960, voted to appeal this decision without prejudice to any alternate sites which may be proposed by the city of Chicago and its City Planning Department, and the appeal was taken.

On January 17, 1961, the Supreme Court of Illinois in an opinion identified as Docket Nos. 36171-36172 Cons.—Agenda 38—November 1960.

The People of the State of Illinois, Appellee, v. Chicago Park District *et al.*, Appellants.—Mangialardi *et al.*, Appellees, v. Chicago Park District *et al.*, Appellants.

reversed the decrees of the Circuit Court of Cook County and the causes were remanded to that Court for the entry of decrees in accordance with the views

expressed in the Supreme Court opinion. A copy of the Opinion has been filed with the Secretary of the Board for record.

The Legal Counsel discussed this Opinion and explained the implications of a possible request for a rehearing by the Appellees or an appeal by them to the Supreme Court of the United States. He subsequently submitted in writing a report of his presentation, a copy of which is also filed with the Secretary for record.

CHICAGO UNDERGRADUATE DIVISION — HARRISON-HALSTED STREETS SITE STUDIES

(31) Director C. S. Havens of the Physical Plant presented this report, illustrated with maps of the area.

Since the previous meeting of the Board of Trustees, architectural and engineering studies of existing utilities which would be affected in the redevelopment of the area, traffic, and parking facilities have been completed. Director Havens described the land use in the area surrounding the site. The city of Chicago has offered to reroute its utilities in the major portion of the area which would be needed for immediate construction of buildings for the University's Chicago Undergraduate Division. It is estimated that rerouting the Commonwealth Edison Company's utilities and distribution system in the area would cost from \$15,000,000 to \$25,000,000, and three to five years would be required to accomplish this. The cost of relocating the Vernon Park sub-station in the area would be in excess of one million or one and one-half million dollars. Construction over the utilities is possible if certain clearances are observed. It is obvious that the cost of relocating the Commonwealth Edison Company's installations is prohibitive, and relocation of other utility installations would not be justified except for minor sections as the site planning may require. However, the Vernon Park sub-station would probably prove to be a major restriction in site planning.

A traffic transportation and parking analysis made by Barton-Aschman Associates, Inc., as a part of the study of the Harrison-Halsted Streets site, indicates that:

Parking spaces for 5,600-6,600 automobiles would be needed to serve an enrollment of 23,000 students and the staff to teach them; 80 to 90 per cent of the campus traffic would approach the site along, or through, the north and east boundaries of the site by way of expressway routes and street system;

Assuming that future scheduled highway improvements are completed which would relieve non-University traffic pressure on the adjacent expressway ramps and interchanges, existing ramps and bridge are adequate for access to, and exit from, the expressways;

The added University traffic will require possible street widening (including Halsted Street), intersection improvements, realignments and rush-hour parking restrictions;

Relocation of Halsted Street does not seem feasible; and

The Harrison-Halsted Streets area is highly accessible by public transportation.

Site planning studies for building relocation are being developed and should be completed within two weeks. Following the completion of the site planning studies, the next step is to evaluate the Harrison-Halsted Streets site in comparison with the Garfield Park site. This procedure will require the receipt of information from the city of Chicago and from the Chicago Park District concerning such questions as the relocation and closing of streets, the phasing on the land to be purchased and the cost of such land. The time required to complete the evaluation studies is dependent on when this additional information is received.

This report was received for record.

HEARING OF STUDENT REPRESENTATIVES FROM THE CHICAGO UNDERGRADUATE DIVISION

Mr. Robert Snape and Mr. Dennis Sherman, students at the Chicago Undergraduate Division, appeared at the meeting requesting to be heard on behalf of a larger delegation of students.

On motion of Mr. Swain, the request was granted.

Mr. Snape addressed the Board briefly, urging that an early decision be made in the selection of a site for the Chicago Undergraduate Division, and that plans proceed as rapidly as possible in the development of four-year programs leading to degrees.

SALE OF SECURITIES

Mr. Swain, for the Finance Committee, offered the following resolution:

WHEREAS, The Board of Trustees of the University of Illinois is the owner of, to wit, 700 shares of Wisconsin Power and Light common stock, and

WHEREAS, the Finance Committee of said Board has determined that it is advantageous to sell the above listed securities,

Now, Therefore, Be It Resolved by the Board of Trustees of the University of Illinois that these securities be sold and that H. O. Farber, Comptroller, and A. J. Janata, Secretary, be authorized to execute all documents necessary to complete such sale.

This resolution was adopted.

CLAIM OF R. V. MONAHAN CONSTRUCTION COMPANY

(32) As reported to the Committee on Buildings and Grounds and other Trustees, this Company has made certain claims under its contract with the University for the construction of an addition to the Abbott Power Plant which have not been resolved through negotiations, the Company having rejected offers made by the University, and the Company has requested a hearing by the Board of Trustees.

This request was referred to the Committee on Buildings and Grounds.

RECESS AND EXECUTIVE SESSION

On motion of Mr. Swain, an executive session was ordered for consideration of reports and recommendations relating to a property acquisition and the employment of personnel, to be held following a recess for luncheon which was taken at this point.

When the Board reconvened, the same members and officers of the Board and of the University were present as recorded at the beginning of these minutes.

PURCHASE OF PROPERTY AT 507 EAST DANIEL STREET, CHAMPAIGN

(1) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 507 East Daniel Street, Champaign, at a price of \$65,000 in accordance with the terms and conditions stated below. This is a negotiated price and is consistent with independent appraisals secured by the University.

This property, described as Lot 2 in Block 2 of A. T. Hall's addition to the city of Champaign, is a lot 99.3 feet by 173.25 feet, a land area of approximately 17,200 square feet, and a three-story and basement frame building, formerly a large residence but now remodeled into an apartment house with eight units. The area is zoned for multiple family use.

The property is within the area of the University's land acquisition program and is included in plans for campus expansion. It is well located for interim use as housing for women or to provide temporary space for staff offices. There is a critical shortage of housing for single undergraduate women and no additional space in University housing will be available until construction of the next residence hall for women.

The building will accommodate eighteen undergraduate women and a Head Resident. The apartments would justify the same rental rate as is charged in the Arbor Suites, or \$460 per occupant per academic year. This rental would cover all maintenance and operating expenses and net approximately \$3,780 a year.

The original asking price was \$75,000 but as the result of negotiations the

owners have agreed to accept \$65,000, and to give possession no later than July 31, 1961, payment in full to be made at that time. Conveyance of the property would be subject to the rights of tenants whose leases will expire not later than September 1, 1961. The sellers would pay the real estate taxes for the year 1960, due in 1961; and taxes for the year 1961 payable in 1962 would be pro-rated between them and the University as of the date of possession on the basis of the calendar year and the 1960 taxes.

Funds are available in the Housing Division surplus and reserves for the purchase of the property.

I recommend: (a) approval of this property purchase at the price indicated; (b) that the Comptroller and the Secretary of the Board be authorized to execute a contract for the same, subject to its approval by the Legal Counsel; and (c) that funds be assigned from Housing Division surplus and reserves for the acquisition of this property, provided that funds so advanced will be repaid from the income of the property if used for housing, and provided further that in the event the house is converted to general University use at some future time, other University funds be transferred to the Housing Division for the liquidation of the balance of the funds advanced.

On motion of Mr. Pogue, the purchase of this property at a price of \$65,000 was authorized in accordance with the terms indicated, and the other foregoing recommendations were approved; this action was taken by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

SPECIAL COUNSEL FOR GARFIELD PARK LITIGATION

(2) Mr. Albert E. Jenner, Jr., of the law firm of Thompson, Raymond, Mayer, Jenner, and Bloomstein, Chicago, has been serving as special counsel in the appeal to the Supreme Court of Illinois of the decision of the Circuit Court of Cook County in the Garfield Park case. The Legal Counsel requested instructions concerning further employment of Mr. Jenner and his firm in the event the Appellees seek a rehearing by the Supreme Court of Illinois or appeal is taken to the Supreme Court of the United States.

On motion of Mr. Swain, the Board authorized the continued employment of Mr. Jenner and his firm to such an extent as in the judgment of the President of the University and of the Legal Counsel is deemed advisable.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) declination and resignations; (4) leave of absence; (5) cancellation of sabbatical leave of absence; (6) retirement.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

BALMAIN, KEITH G., Research Assistant in Electrical Engineering (S), nine months from December 1, 1960, \$5,720 a year, supersedes (12-12-60).

CLARK, JOHN P., Assistant Professor of Sociology, March 1-August 31, 1961, to render service during the second semester of the academic year, \$583.34 a month, supersedes (12-12-60).

CROUSE, GEORGE T., Research Assistant in the Institution for Tuberculosis Research, eight months from January 1, 1961, \$6,500 a year, supersedes (12-22-60).

DEAN, ELIZABETH, Assistant Professor of Health Education (Home Economics) (E), eight months from January 1, 1961, \$8,400 a year, supersedes (12-16-60).

DEGRYSE, RUBY V., Instructor in Speech (Chicago Undergraduate Division), to render service during the academic year, beginning December 5, 1960, and

- continuing through August 31, 1961, annual salary of \$5,600 paid over the period December 16, 1960, and continuing through August 31, 1961 (12-20-60).
- DICKERSON, DONALD R., Special Associate Chemist in the State Geological Survey, six months from January 1, 1961, \$592 a month (12-17-60).
- ELLIS, RALPH J., Research Associate in the State Natural History Survey, seven months from February 1, 1961, \$5,880 a year (12-16-60).
- GARSENSTEIN, MYRON, Research Assistant in Medicine (Medicine), eight months from November 1, 1960, without salary (12-17-60).
- GRIFFITH, COLEMAN R., Professor of Education and of Psychology, indefinite tenure beginning December 1, 1960, to render service during each academic year, \$14,850 a year, supersedes (12-12-60).
- KOZIJ, VERA M., Research Assistant in Medicine (Medicine), January 15—August 31, 1961, \$4,800 a year (12-22-60).
- LORD, REXFORD D., JR., Research Associate in the State Natural History Survey, eight months from January 1, 1961, \$6,960 a year, supersedes (12-22-60).
- MARSHALL, THOMAS C., Assistant Professor of Electrical Engineering (C), nine months from December 1, 1960, \$9,000 a year, supersedes (12-17-60).
- NACRUR, JUAN, Research Associate in Microbiology, five months from October 1, 1960, \$2,916.75 (12-12-60).
- NTAILIANAS, HARILAOS A., Research Associate in Food Technology (S), five months from April 1, 1961, \$458.33 a month (12-22-60).
- OTSUKA, EIZO, Research Associate in Physics (C), seven months from February 1, 1961, \$7,300 a year (12-12-60).
- RIDDLE, WILLIAM, Research Assistant in Preventive Medicine (Medicine), November 14, 1960—August 31, 1961, \$5,400 a year (12-17-60).
- RIVERS, MERCEDES M. DE, Research Associate in Microbiology, eight months from January 1, 1961, \$6,000 a year (12-16-60).
- SAWCZYN, EUGENE, Physician in the Health Service (Chicago Professional Colleges), $\frac{1}{2}$ time, eight months from January 1, 1961, \$5,000 a year (12-17-60).
- SCHENDEL, HAROLD E., Research Associate in Animal Science (S), nine months from December 1, 1960, \$6,000 a year (12-22-60).
- SEYLER, JIMMY W., Assistant Professor of Civil Engineering (College of Engineering), $\frac{1}{2}$ time, and of Extramural Classes (Division of University Extension), $\frac{1}{2}$ time, to render service during the second semester of the academic year, March 1—August 31, 1961, \$7,800 a year, supersedes; and for two months from June 16, 1961, \$433.33 a month (12-17-60).
- SHARMA, HIRA LAL, Research Associate in Zoology, $\frac{7}{10}$ time, eight months from December 1, 1960, \$2,880 (12-16-60).
- STANSEL, HORACE C., Clinical Instructor in Surgery (Medicine), eight months from January 1, 1961, without salary, supersedes salaried appointment (12-22-60).
- THORNGOOD, ELIZABETH, Research Associate in the School of Life Sciences, $\frac{3}{4}$ time, one year from September 1, 1960, \$7,500, supersedes (12-12-60).
- TIRITHLI, ERNEST C., Physician in the Health Service (Chicago Professional Colleges), $\frac{1}{2}$ time, November 8, 1960—August 31, 1961, \$5,500 a year (12-17-60).
- TUNNELL, CURTIS D., Research Assistant in Anthropology, seven months from December 1, 1960, \$3,150 (1-4-61).
- VASQUEZ, MARTHA M., Assistant in Anesthesiology (Surgery) (Medicine), six months from January 1, 1961, without salary (1-6-61).
- WEI, LUN-SHIN, Research Associate in Food Technology (S), December 15, 1960—August 31, 1961, \$6,500 a year, supersedes (12-17-60).
- WHITSELL, DAVID C., Clinical Instructor in Ophthalmology (Medicine), eight months from January 1, 1961, without salary (1-6-61).
- WITTENBORN, H. SUE, Assistant in Rural Recreation (E), eight months from January 1, 1961, \$4,800 a year (12-12-60).
- WOLF, JOSEPH, Lecturer in the School of Life Sciences, October 1, 1960—January 15, 1961, \$888.88 a month (1-6-61).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- EVANS, CLARYCE L., Mathematics Institute Fellow in Mathematics, December 1, 1960—June 15, 1961, \$1,000 (12-6-60).

- FAVATA, JAMES V., United States Public Health Service Medical Student Part-Time Research Fellow (Chicago Professional Colleges), nine months from September 16, 1960, \$600 (12-28-60).
- FULLAGAR, PAUL D., Fellow in Geology, February 1-June 15, 1961, \$750 (11-29-60).
- GREENBERGER, MERRILL, United States Public Health Service Medical Student Part-Time Research Fellow (Chicago Professional Colleges), nine months from September 16, 1960, \$600 (12-28-60).
- HEINKOFF, LEO, United States Public Health Service Medical Student Part-Time Research Fellow (Chicago Professional Colleges), nine months from September 16, 1960, \$600 (12-28-60).
- HONIG, GEORGE, United States Public Health Service Medical Student Part-Time Research Fellow (Chicago Professional Colleges), nine months from September 16, 1960, \$600 (12-28-60).
- LAL, MANOHAR, Fellow in Electrical Engineering, February 1-June 15, 1961, \$750 (11-29-60).
- McMILLAN, JOYCE A., Fellow in Chemistry, February 1-June 15, 1961, \$750 (11-29-60).
- SCHMALE, JOHN, United States Public Health Service Medical Student Part-Time Research Fellow (Chicago Professional Colleges), nine months from September 16, 1960, \$600 (12-28-60).
- SUSI, MRS. ENDLA, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3,875, supersedes (11-14-60).
- THOMPSON, DENNIS P., United States Public Health Service Fellow (Trainee) in Medicine (Chicago Professional Colleges), nine months from October 1, 1960, \$600 (12-27-60).
- VICTOR, THOMAS A., United States Public Health Service Medical Student Part-Time Research Fellow (Chicago Professional Colleges), nine months from September 16, 1960, \$600 (12-28-60).
- YOCHIM, JEROME, United States Public Health Service Postdoctoral Fellow (Special) in Anatomy (Chicago Professional Colleges), ten months from November 1, 1960, without stipend (12-17-60).
- YOUNG, M. ALAN, University Fellow at the Chicago Professional Colleges, six months from January 1, 1961, \$1,200 (12-20-60).

RESIGNATIONS AND DECLINATIONS

- ABSHIRE, CLAUDE J., Research Associate in Chemistry—resignation effective January 1, 1961.
- BAIRD, JACK V., Assistant Professor of Soil Extension in Agronomy—resignation effective January 1, 1961.
- JAGER, MRS. VIRGINIA, Research Assistant in Chemistry—resignation effective January 16, 1961.
- KEITH, WALTER M., Associate Professor of Landscape Architecture (City Planning and Landscape Architecture)—declination effective July 1, 1960.
- KHANNA, SHANTI S., Research Assistant in Agronomy—resignation effective December 14, 1960.
- KRIAUCIUNAITIS, VITA, Research Assistant in Preventive Medicine (Medicine)—resignation effective January 12, 1961.
- LUTTON, WILLIAM R., Instructor in Foreign Languages (Chicago Undergraduate Division)—resignation effective March 1, 1961.
- POWERS, F. T., Instructor in Prosthodontics (Dentistry)—resignation effective January 1, 1961.
- RAVEN, DONALD J., Acquisitions Assistant in the Library—resignation effective February 1, 1961.
- STANACEV, NIKOLA Z., Research Associate in Chemistry—resignation effective March 1, 1961.
- STEGMAYER, OTTO C., Research Associate in Dermatology (Medicine)—resignation effective September 1, 1960.
- VOGEL, HERWARD A., Research Associate in Chemistry—resignation effective January 1, 1961.
- YOCHIM, JEROME, Research Associate in Anatomy (Medicine)—resignation effective October 31, 1960.

BOARD OF TRUSTEES

LEAVE OF ABSENCE

KAISER, HENRY F., Associate Professor of Education (Bureau of Educational Research) — leave of absence, without pay, from July 15, 1961, and continuing until August 1, 1962.

CANCELLATION OF SABBATICAL LEAVE OF ABSENCE

UNNA, KLAUS R., Professor of Pharmacology and Head of the Department — sabbatical leave of absence granted him for six months from January 1, 1961, cancelled without prejudice.

RETIREMENT

GERTY, FRANCIS J., Professor of Psychiatry, *Emeritus*, effective January 1, 1961.

RECESS

On motion of Mr. Hughes, the Board recessed for an indefinite period, to reconvene, if necessary prior to the next regular meeting scheduled for February 15, 1961, on call of the President of the Board.

MEETINGS OF BOARD COMMITTEES

Meetings of the Committees on General Policy and Buildings and Grounds were held following the Board meeting.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

February 15, 1961



The February meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Wednesday, February 15, 1961, beginning at 9:00 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Wirt Herrick and Governor Otto Kerner were absent. Mr. Irving Dilliard, Trustee-elect, attended as a guest.

Also present were President David D. Henry, Vice-President and Provost Lyle H. Lanier, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Dr. J. S. Begando, Vice-President in charge of the Chicago Professional Colleges, Director C. S. Havens of the Physical Plant, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on July 26, 1960, press proof copies of which had previously been sent to the Board.

On motion of Mr. Johnston, the minutes were approved as printed on pages 1 to 88, inclusive.

**HEARING OF CHICAGO COMMUNITY REPRESENTATIVES
ON CHICAGO UNDERGRADUATE DIVISION SITE**

President Williamson informed the Board that representatives of the Garfield Park and of the Harrison-Halsted Streets communities were present, requesting permission to be heard by the Board.

On motion of Mr. Harewood, permission was granted.

Mr. Sam K. Levin, President of the Garfield Park Chamber of Commerce, and Mr. Gordon L. Matson, Chairman of the United Property Group of the Garfield Park community, addressed the Board, pleading for the selection of Garfield Park as the site for the University's Chicago Undergraduate Division.

Mr. Arthur Velazquez, representing the Parish and Church of St. Francis of Assisi, 813 West Roosevelt Road, Chicago, read a statement requesting that the Board not select the Harrison-Halsted Streets area as the site because of the dislocation of residents and business establishments in the area which would result.

Mr. Edward J. Rosewell, President of the Garfield Park Improvement Association, also addressed the Board in support of the selection of Garfield Park.

Transcripts of these four statements were taken and are filed with the Secretary of the Board. President Williamson thanked the speakers for their presentations.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard written examination given in November, 1960, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

GEORGE ARTHUR ALLEN (Park Ridge)
JOHN WELLINGTON ANSLOW
(Wildwood)
STUART ARKIN (Chicago)
CHARLES HOWARD ASHER (Chicago)
DENNIS ANTHONY BASTAS (Chicago)
DONALD PAUL BEDEL (Belleville)
ALBERT DAVID BEEDIE (Chicago)
JOHN VINCENT BEGGS (Bloomington)
GORDON EDWIN BELT (Oak Park)
WILLIAM THOMAS BENDER (Downers
Grove)
WESSEL LOUIS BENGSTON (Park Forest)
DUANE LESLIE BLIETZ (Des Plaines)
DONALD HARRY BOSCHER (Evanston)

ALEX BRAND (Chicago)
GERARD JOSEPH BRENNAN (McHenry)
TOMMY J. BRINKERHOFF (Champaign)
RICHARD LEE BRUNOT (Chicago)
HERBERT ROBERT BRUSSEE (Cicero)
WILLIAM JOSEPH CAKORA (Lombard)
DEANE LAUVER CANNELL (Jacksonville)
GERALD LEE CAPLAN (Chicago)
CHARLES FRANCIS CAUFIELD (Chicago)
JAMES FREDERICK CEKAL (Chicago)
WAYNE IRVIN CHERTOW (Chicago)
WILLIAM RUBY CHESTER (Park
Forest)
JOHN FREDERICK CHRISTENSEN (Oak
Park)

- HARRIS EUGENE CHRISTENSON
 (Waukegan)
 ERNEST DUANE CLARKE (Chicago)
 FRED HERBERT COBB (Park Forest)
 WILLIAM KENNETH CONDRELL
 (Berwyn)
 FREDERICK JASON COOPERMAN (Chicago)
 MAURICE MEL CROHN (Chicago)
 JOSEPH MILTON DE LA VAN (Oak
 Park)
 SAM JOSEPH DIGIOVANNI (Chicago
 Heights)
 JEROME DORF (Chicago)
 HAROLD BRUCE DOWNEY (Downers
 Grove)
 BURTON VERN DU BOE (Chicago)
 BRUCE NIXON DUFF (Harvey)
 CHARLES VAUGHN DUNBAR, JR.
 (Bloomington)
 JOHN WILLIAM DWYER (Deerfield)
 PAUL ARTHUR DWYER (Dalton)
 NORBERT FRANCIS DYTRYCH (Chicago)
 MARVIN EINHORN (Chicago)
 JAMES EDWIN EVOY (Waukegan)
 LESLIE BURTON FEINGLASS (Chicago)
 SIDNEY FELDMAN (Chicago)
 FOREST TICE FENTON (Villa Park)
 BURTON KENNETH FISCHER (Chicago)
 GERALD BONNER FISHER (Mount
 Carmel)
 DONALD ALBERT FLEMING (Chicago)
 LLOYD WALDEMAR FLOGGIE (Chicago)
 JAMES THOMAS FOGARTY (Lombard)
 VICKI ANN FOREMAN (Chicago)
 WILLIAM JUDE FORSTER (Chicago)
 FRANK JOSEPH FORSTNEGER (Chicago)
 DONALD LEE FOSTER (Park Ridge)
 RICHARD LEE FRANKS (Chicago)
 PAUL BERNARD FREIBERG (Skokie)
 MICHAEL JAY FRIEDMAN (Chicago)
 MARSHALL HOWARD FRISHMAN
 (Chicago)
 DONALD LEE MARR GARBE (Wheeling)
 THOMAS FRANCIS GEARY (Chicago)
 DANIEL ELMO GILL (Park Ridge)
 BILLY RAVELLE GILLELAND (Park
 Forest)
 BURTON EARL GLAZOV (Chicago)
 HERBERT CHARLES GOLDMAN (Chicago)
 MARSHALL ALLEN GOLDSER (Chicago)
 JOHN MARTIN GOODE (Chicago)
 MELVYN IRWIN GOODMAN (Chicago)
 STANLEY JOHN GORSKI, JR. (Chicago)
 LAWRENCE EDWARD GOTTFREID
 (Northlake)
 HELMUT WILHELM GRANZOW (Chicago)
 ARTHUR GREENMAN (Skokie)
 CHARLES WILLIS GROENERT
 (Belleville)
 THOMAS FRANCIS GROJEAN (Chicago)
 FREDERIC FRANCIS GRUBER (Evanston)
 MARTIN HENRY HACKER (Arlington
 Heights)
 RONALD MELVIN HAMELBERG
 (Barrington)
 BERNARD NORMAN HARLAN (Chicago)
 CARL THOMMES HATTERMANN
 (Skokie)
 JOHN WILLIAM HEAMON (Evanston)
 DONALD EPHRAIM HERMAN (Chicago)
 EARL ERWIN HOLTZMAN (Chicago)
 KENNETH RALPH HOOVER (North
 Riverside)
 DAVID PHILIP HOPLEY (Moline)
 ALEX JAY HOROWITZ (Chicago)
 ALAN MICHAEL HORWITZ (Chicago)
 RONALD DWIGHT INGRAHAM
 (Wheaton)
 CHARLES WEBSTER JACKSON (Park
 Ridge)
 ALPHONSO RUSSELL JONES (Glenview)
 GERALD PHILIP KAPLAN (Chicago)
 RICHARD JEROME KAPOLNEK (Chicago)
 WILLIAM ANDREW KAUN, JR.
 (Broadview)
 EDWARD ALAN KENNEDY (Winnetka)
 EDWARD LEROY KENSİK (Chicago)
 WILLIAM PAUL KESSLER (Chicago)
 REVONE WESLEY KLUCKMAN
 (Northbrook)
 RONALD STUART KOEHLER (Glen Ellyn)
 DAVID ALAN KOHN (Chicago)
 LEO JUDD KOSZYCKI (Roselle)
 RICHARD RALPH KRIETER (Chicago)
 ROBERT ARTHUR KRUEGER (Barrington)
 THADDEUS JOHN KUCIA (Chicago)
 LLOYD DWAIN KUHN (Chicago)
 WILLIAM LAWRENCE LAMEY, JR.
 (Glenview)
 ELMER EUGENE LAWLER (New Lenox)
 ROBERT LAZAR (Chicago)
 JAMES JOHN LAZZARINI (Chicago)
 JAMES EARL LEE (Chicago)
 FRANK BERNARD LEGAS (Brookfield)
 MARVIN ALAN LEVENSON (Skokie)
 JOHN ARTHUR LINK (Quincy)
 VEME DEXTER LOCKARD (Peoria)
 THOMAS JOSEPH LOPINA (Wheaton)
 RICHARD MANN (Chicago)
 EARL ALFRED MANSFIELD (Oak Park)
 LOUIS MARCUS (Chicago)
 ALVIN MARTIN (Chicago)
 KENNETH STAYMAN MCGREW
 (Winnetka)
 DAVID KARL MEYER (Chicago)
 DENNIS EDWARD MEYER (Chicago)
 HOWARD HENRY MEYER (Arlington
 Heights)
 JAY ROBERT MILLS (Chicago)
 DONALD MELVIN MITTELDORF
 (Chicago)
 CHARLES WILLIAM MUSGROVE
 (Northlake)
 JULIUS LEON NATHAN (Chicago)
 GERALD CARL NICKELS (Aurora)
 IRVIN B. NISSEN (Chicago)

ROBERT ALFRED NOHEJL (Downers Grove)	ROBERT ANTHONY SHONK (Northbrook)
GEZA JOSEPH NOVOSOL (Chicago)	JAMES JOSEPH SHOOK (Chicago)
JAMES GORDON NUSSBAUM (Joliet)	HOWARD SILVERMAN (Chicago)
LEONARD DAVID O'BRIEN (La Grange)	SHELDON LEON SILVERMAN (Chicago)
FRANKLIN KWOCK LEONG PANG (Chicago)	ALAN PAUL SKLAR (Skokie)
ROBERT WILLIAM PARTRIDGE, JR. (Evanston)	FRANKLIN LEO SMITH (Riverdale)
ARMAND POTESHMAN (Skokie)	RICHARD PAUL SORENSON (Chicago)
MAX ARNOLD PUGH (Decatur)	RICHARD ALPHONSUS SPAHN (Skokie)
JAMES EDWARD PURCELL (Deerfield)	ANTON JOSEPH STASNEY (Western Springs)
JAMES LOUIS QUINN, JR. (Chicago)	HENRY STEELE (Chicago)
JOHN RICHARD RAUSER (Oak Forest)	GEORGE LAWRENCE STEWART (River Forest)
ROBERT WILLIAM REBMAN (Chicago)	LESLIE HOWARD SUGAR (Glenview)
ARVIN LESTER REIGER (Chicago)	DAVID SIDNEY SWAN, JR. (Homewood)
GEORGE CARL RICHARD (Chicago)	DWAIN KEITH TANKE (Rockford)
LOUIS JAMES RISI, JR. (Lake Bluff)	ROBERT HENRY TANSOR (Chicago)
ROBERT EUGENE RITTER (Springfield)	ROBERT CORLETT THORNTON (Homewood)
ALAN MORRIS ROSNER ROBBINS (Evanston)	PHILLIP ARTHUR TREVENER (Chicago)
ROBERT HENRY ROWWEDER (Chicago)	ROBERT IRVING URY (Chicago)
JAMES RANDALL ROSSEN (Chicago)	CHARLES FRANCIS VESELITS (Arlington Heights)
ROBERT GEORGE ROTH (Peoria)	RUTH KEARNEY VICK (Aurora)
DENNY DEE ROTRAMEL (Granite City)	FRANK CHRISTIAN VOLLBRACHT (Bloomington)
ARNOLD GEORGE RUDOFF (Chicago)	THOMAS SURRIDGE WALLACE (Flossmoor)
HENRY JAMES RUSH (Evanston)	DANIEL DAVID LEONARD WAX (Chicago)
FRED RUSSELL (Evanston)	ROBERT FREDERICK WEBER (Riverside)
JAMES EDWARD RYAN (Elk Grove Village)	THEODORE IRA WEBER (Chicago)
ERWIN SHELDON SCHLESS (Chicago)	THEODORE SPENCER WEYMOUTH (Barrington)
GEORGE ROBERT SCHLETZ (Evergreen Park)	FRANKLIN HARDY WHITE (Chicago)
GEORGE JOHN SCHMID (Elmwood Park)	GERALD BART WILLIAMS (Rockford)
EDWARD JOHN SCHMIDLEIN, JR. (Carbondale)	EVERETTE EDMOND WILSON (Moline)
LOUIS HARVEY SCHNUR (Iowa City, Iowa)	RICHARD PHILIP WIPPMAN (Chicago)
RICHARD JAMES SCHROCK (Joliet)	RICHARD EMIL WOLD (Chicago)
RAY REUBEN SEEGMILLER (Chicago)	JOHN JOSEPH WRENN (Rolling Meadows)
BARRY EDWARD SEMER (Lincolnwood)	NATHAN YELLEN (Chicago)
LAWRENCE DAVID SHAPIRO (Chicago)	JOHN ELMER YOUNG (Rockford)
RICHARD PAUL SHAPIRO (Chicago)	GARON CLEMEN ZYWICKE (Park Forest)
DONALD ALAN SHIFRIS (Chicago)	

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
WALLACE EARL OLSON	Arlington Heights	Wisconsin
ROBERT DAVID SOHN	Chicago	District of Columbia
JOHN HOWARD STUMBAUGH	East St. Louis	Missouri
LUCIUS PENDER WHEELER, JR.	Markham	North Carolina
EDGAR JOSEPH ZORN	Rio Piedras, Puerto Rico	Ohio

I concur.

On motion of Mr. Harewood, these certificates were awarded.

APPOINTMENTS TO THE FACULTY

(2) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. CHESTER COGGESHALL, Clinical Assistant Professor of Medicine, beginning January 1, 1961, without salary (DY).
2. ROBERT HERING, Assistant Professor of Mechanical and Industrial Engineering, for seven months from February 1, 1961, at a salary of \$6,769 (G).
3. RICHARD LICATA, Assistant Professor of Anatomy, for one year from January 1, 1961, without salary (FY).
4. PAUL LOTTES, Visiting Professor of Nuclear and Mechanical Engineering, for four and one-half months from February 1, 1961, at a salary of \$3,000 (E40).
5. WILLIAM PERKINS, Assistant Professor of Electrical Engineering, beginning February 1, 1961, at an annual salary of \$7,800 (D).
6. VICTOR STEPHEN, Assistant Extension Editor, with rank of Assistant Professor, in Agriculture Administration Extension, beginning January 16, 1961, at an annual salary of \$10,500 (DY).
7. JOSEPH S. VANDEMARK, Associate Professor of Horticulture, beginning December 1, 1960, at an annual salary of \$10,000 (C and E) (DY).
8. JERROLD VOSS, Assistant Professor of City Planning, in the Department of City Planning and Landscape Architecture, beginning September 1, 1961, at an annual salary of \$7,000 (B).

Appointments to Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointments to supervisory positions of upper-level responsibility.

1. JAMES MICHAEL BOWEN, Systems and Procedures Analyst, Statistical Service Unit, beginning November 14, 1960, at an annual salary of \$7,200.
2. HARRY C. GERSBAUGH, Laboratory Program Administrative Assistant, Department of Physics, beginning December 1, 1960, at an annual salary of \$7,200.

On motion of Mr. Hughes, these appointments were confirmed.

APPOINTMENTS TO THE UNIVERSITY OF ILLINOIS CITIZENS COMMITTEE

(3) Appointments to the University of Illinois Citizens Committee are made by the Board of Trustees upon the recommendation of the President of the University. I submit nominations for new appointments for a period of three years from January 1, 1961, and nominations for reappointments for a period of three years from January 1, 1961, of a number of members whose terms have expired.

New Appointments

HAYS J. ARTER
607 South Chestnut Street
Kewanee, Illinois

WAYNE R. BENNETT
Vice-President, Continental Illinois National Bank and Trust Company of Chicago
231 South LaSalle Street
Chicago 4, Illinois

GERALD W. CAVANAGH
General Manager, Chicago Motor Club
66 East South Water Street
Chicago 1, Illinois

CLYDE J. FITZPATRICK
President, Chicago and North Western Railway Company
400 West Madison Street
Chicago 6, Illinois

GEORGE S. HALAS
President, Chicago Bears Football Club
233 West Madison Street
Chicago 6, Illinois

ALBERT E. JENNER, JR.
Attorney
135 South LaSalle Street
Chicago 3, Illinois

HOWARD W. KASEBERG
Farmer
Route 1, Box 680
Granite City, Illinois

ROBERT P. MCBRIDE
Farmer
609 South Maple Street
Aledo, Illinois

JOSEPH T. MEEK
President, Illinois Retail Merchants
Association
36 South Wabash Avenue
Chicago 3, Illinois

ERNEST E. MICHAELS
President, Chicago Bridge and Iron
Company
1305 West 105th Street
Chicago 43, Illinois

MRS. J. H. MOUNT
991 Clinton Street
Carlyle, Illinois

ESCOL OXFORD
Farmer
Elizabethtown, Illinois

O. W. RANDOLPH
Public Relations Director, Moorman
Manufacturing Company
Quincy, Illinois

MORRIS B. SACHS, JR.
President, Morris B. Sachs, Inc.
6638 South Halsted Street
Chicago 21, Illinois

NORMAN L. WINELAND
Farmer
Hamburg, Illinois

Reappointments

MRS. DALE V. ADDIS
Route 1
Toulon, Illinois

MRS. BERNADINE BAILEY
Writer
253 East Delaware Place
Chicago 11, Illinois

JAMES M. BARKER
Corporation Director
1430 Lake Shore Drive
Chicago 10, Illinois

ROBERT C. BECHERER
President, Link-Belt Company
Prudential Plaza
Chicago 1, Illinois

DR. EARL H. BLAIR
Obstetrician
1836 West 87th Street
Chicago 20, Illinois

DR. ANTHONY E. BOTT
President, Corn Belt Laboratories, Inc.
East St. Louis, Illinois

DR. PRESTON BRADLEY
Pastor, Peoples Church of Chicago
2608 Lakeview Avenue
Chicago 14, Illinois

C. E. BREHM
Consulting Geologist and Oil Operator
P.O. Drawer 618
Mount Vernon, Illinois

OTTO E. BRUNKOW
Architect
544 Turner Avenue
Glen Ellyn, Illinois

ROY J. BUNTING
Farmer
Ellery, Illinois

JOSEPH B. CAMPBELL
Investment Broker
302 West Chester Street
Nashville, Illinois

DR. OLOF NORLING-CHRISTENSEN
Veterinarian
730 Hibbard Road
Wilmette, Illinois

MRS. JOHN W. CLIFTON
Dormitory Counselor
1207 North Main Street
Bloomington, Illinois

B. HADDON DAVENPORT
President, Rex Loan Company
219 West Main Street
Carbondale, Illinois

THOMAS A. DEAN
Manufacturer
427 West Randolph Street
Chicago 6, Illinois

JAMES L. DONNELLY
Executive Vice-President, Illinois
Manufacturers' Association
200 South Michigan Avenue
Chicago 4, Illinois

MRS. HENRY C. DORMITZER
Civic Worker — Education and Health
9131 South Leavitt Street
Chicago 20, Illinois

MRS. JOHN S. DUNCOMBE
511 Jackson Avenue
River Forest, Illinois

THEODORE M. DUNLAP
Marsh and McLennan Inc. (Insurance
Brokers)
231 South LaSalle Street
Chicago 4, Illinois

CURT E. ECKERT
Secretary, Eckert Orchards, Inc.
Route 1
Belleville, Illinois

IVAN A. ELLIOTT
Attorney
207 South Third Street
Carmi, Illinois

NEWTON C. FARR
Real Estate Consultant
111 West Washington Street
Chicago 2, Illinois

A. R. FLOREEN
Banker
900 North Michigan Avenue
Chicago 11, Illinois

PAUL FROMM
President, Geeting and Fromm, Inc.,
and Fromm Music Foundation
1028 West Van Buren Street
Chicago 7, Illinois

DAVID L. GARRISON
President, Fairfield National Bank
Fairfield, Illinois

HARRY F. GLAIR
Retired Director of Purchases,
Standard Oil Company
Butterfield Circle
Flossmoor, Illinois

MRS. TEMPLE IRWIN GROUT
County Superintendent of Welfare
Winchester, Illinois

NORMAN J. GUNDLACH
Attorney
605 First National Bank Building
East St. Louis, Illinois

GEORGE L. GURLEY
Farmer
Route 3
Metropolis, Illinois

CHARLES V. HALL
Businessman
108 North Street
Normal, Illinois

MRS. HOMER HARGRAVE
1320 North State Street
Chicago 10, Illinois

JUDGE W. JOE HILL
Attorney
500 Wood Building
Benton, Illinois

J. W. HUEGELY
President, Huegely Elevator Company
503 North Mill Street
Nashville, Illinois

ROY C. INGERSOLL
Chairman of the Board, Borg-Warner
Corporation
200 South Michigan Avenue
Chicago 4, Illinois

EDWIN N. JACQUIN
Community and Press Relations
Manager, Olin Mathieson Chemical
Corporation
East Alton, Illinois

E. H. JENISON
Editor, *Daily Beacon-News*
218 North Main Street
Paris, Illinois

RUBY E. JONES
401 North Walnut Street
St. Elmo, Illinois

LAWRENCE F. KAHL
President, Freeport Bottled Gas
Corporation
Freeport, Illinois

WILLARD L. KING
Attorney
Suite 4105, Field Building
135 South LaSalle Street
Chicago 3, Illinois

MRS. OTHA LANIER
1116 North Oakland
Decatur, Illinois

EDWARD LINDSAY
Editor, Lindsay-Schaub Newspapers
Decatur, Illinois

STUART LIST
Publisher, *Chicago's American*
326 West Madison Street
Chicago 6, Illinois

KATHERINE TREES LIVEZEY
70 East Cedar Street
Chicago 11, Illinois

N. A. LOAR
District Manager, State Farm Insurance
Company
125 West Detweiler Drive
Peoria, Illinois

EDWIN A. LOCKE, JR.
President, Union Tank Car Company
228 North LaSalle Street
Chicago 1, Illinois

ORMOND F. LYMAN
Executive Vice-President, Illinois State
Chamber of Commerce
20 North Wacker Drive
Chicago 6, Illinois

HENRY MADDOX
Farmer
Route 1
West York, Illinois

DR. LOUIS L. MANN
Rabbi, Chicago Sinai Congregation
5454 South Shore Drive
Chicago 15, Illinois

T. O. MATHEWS
Newspaper Editor
213 East Main Street
Fairfield, Illinois

JOHN L. McCAFFREY
Retired Chairman, International
Harvester Company
5555 Sheridan Road
Chicago 40, Illinois

J. GLENN MCFARLAND
President, Coe Brothers, Inc.
(Bookstore)
Springfield, Illinois

R. C. McNAMARA
Chairman of the Board, Scott,
Foresman, and Company
433 East Erie Street
Chicago 11, Illinois

GERHARDT F. MEYNE
President, Gerhardt F. Meyne
Company (Contractors)
300 West Washington Boulevard
Chicago 6, Illinois

ARTHUR MILWARD
Superintendent, Mount Vernon
Township High School and Community
College
Mount Vernon, Illinois

MRS. BYRON L. MORGAN
1103 Washington Street
Alton, Illinois

HOWE V. MORGAN
Newspaper Publisher
Sparta, Illinois

MRS. CLAUDIA S. NARANICK
Nursing Education
207 East Superior Street
Jacksonville, Illinois

WALTER W. NAUMER
President, DuQuoin Packing Company
DuQuoin, Illinois

MRS. CARL J. NEER
1532 Bates Avenue
Springfield, Illinois

JOHN J. NEILS
Secretary-Manager, Chamber of
Commerce
109 West University Avenue
Champaign, Illinois

DR. WILLIAM E. O'NEIL
Physician
636 Church Street
Evanston, Illinois

DON B. PAUSCHERT
Secretary-Treasurer and General
Manager, Pana News, Inc.
Pana, Illinois

EDITH D. PAYNE
Director, School of Nursing,
Presbyterian-St. Luke's Hospital
1743 West Harrison Street
Chicago 12, Illinois

MRS. MARGARET PELTZ
Publisher, *The Journal-Public*
Clinton, Illinois

D. B. PERRINE
Farmer
P.O. Box 44
Centralia, Illinois

DR. WAYNE H. RISER
Veterinarian
Skokie, Illinois

CHARLES M. ROOS
Consulting Engineer
18 Granvue Drive
Belleville, Illinois

MRS. THOMAS D. SAGER
Speer, Illinois

W. L. SCHMITT
Publisher, *Macoupin County Enquirer*
Carlinville, Illinois

E. WAYNE SCHROEDER
LeForge, Samuels, Miller, Schroeder,
and Jackson (Attorneys)
Decatur, Illinois

R. G. SODERSTROM
President, Illinois State Federation of
Labor and Congress of Industrial
Organizations
Room 503, 516 East Monroe Street
Springfield, Illinois

A. E. STALEY
Chairman, A. E. Staley Manufacturing
Company
Decatur, Illinois

CARL STOCKHOLM
Business Executive
1512 Forest Avenue
River Forest, Illinois

JACK SUNDINE
Editor, *Moline Daily Dispatch*
Moline, Illinois

HAROLD J. TAYLOR
Attorney
120 East Washington Avenue
Effingham, Illinois

ORVILLE TAYLOR
Attorney
134 South LaSalle Street
Chicago 3, Illinois

MRS. WALLACE THOMPSON
Route 1
Galesburg, Illinois

ALEX VAN PRAAG, JR.
President, Warren and Van Praag, Inc.
(Consulting Engineers)
253 South Park Street
Decatur, Illinois

ALLEN VAN WYCK
President, Illinois Power Company
500 South 27th Street
Decatur, Illinois

DR. CARL F. VAUPEL
Veterinarian
1350 West Walnut Street
Kankakee, Illinois

RALPH D. WALKER
Attorney
818 Illinois Avenue
East St. Louis, Illinois

AMOS H. WATTS
Attorney
111 West Monroe Street
Chicago 3, Illinois

DR. JAMES A. WEATHERLY
Physician and Surgeon
108 North 14th Street
Murphysboro, Illinois

C. A. WEBBER
President and Trust Officer, Champaign
County Bank and Trust Company
Urbana, Illinois

BENJAMIN WEIR
Publisher, *Daily Courier-News*
Charleston, Illinois

EDWARD FOSS WILSON
Assistant Secretary, Department of
Health, Education, and Welfare,
Washington, D.C.
208 South LaSalle Street
Chicago 4, Illinois

BERNARD A. WIRTH
Farmer
Route 4
Mount Carmel, Illinois

SAMUEL W. WITWER
Attorney
231 South LaSalle Street
Chicago 4, Illinois

DR. KATHARINE W. WRIGHT
Psychiatrist
8 South Michigan Avenue
Chicago 3, Illinois

On motion of Mr. Swain, these appointments were approved.

APPOINTMENT OF CHARLES E. FLYNN AS ASSISTANT TO THE PRESIDENT

(4) The appointment of Dr. Joseph S. Begando as Vice-President in charge of the Chicago Professional Colleges has created a vacancy in the position of Assistant to the President for institutional relations and development activities which Dr. Begando has held since September 1, 1958.

To fill this vacancy I recommend the appointment of Mr. Charles E. Flynn, now Director of Public Information, effective March 1, 1961. In this position, Mr. Flynn will represent the President in coordinating relationships with the University of Illinois Foundation, the University of Illinois Alumni Association, and in alumni affairs in general. He will serve as Chairman of the University Committee on Institutional Gifts and Development. He will assist the President in relationships with advisory committees, civic groups, and constituencies with which continuing liaison must be maintained. He will have specific assignments in the general area of institutional relations and development. He will work closely with faculty and administrative officers in these assignments.

Mr. Flynn will retain administrative responsibility for the Office of Public Information.

The salary adjustment in this appointment will be made when the budget for 1961-62 is recommended to the Board.

On motion of Mrs. Watkins, this appointment was approved.

AMENDMENT OF REVENUE BOND RESOLUTIONS

(5) The Vice-President and Comptroller recommends, and I concur, that the following resolutions be adopted:

A resolution providing for authorization for additional investment of funds of the Bond and Interest Sinking Fund Account of the Dormitory Revenue Bonds of 1956 and providing for amendment of a resolution authorizing the issue of Dormitory Revenue Bonds of 1956 duly adopted by the Board of Trustees of the University of Illinois on March 23, 1956.

WHEREAS, The Board of Trustees of the University of Illinois on March 23, 1956, did duly adopt a resolution authorizing the issue of Dormitory Revenue

Bonds of 1956, of The Board of Trustees of the University of Illinois in the principal amount of \$1,300,000 for the purpose of providing funds necessary to construct, complete, and equip additional units of the Men's Residence Halls in the City of Champaign, Illinois, fixing the date, maturities, form, and other details of said Bonds, and making covenants and provisions for the payment of said Bonds and the interest thereon, which resolution is hereinafter called "Original Resolution"; and

WHEREAS, The Board of Trustees of the University of Illinois, subject to the concurrence of the holders of at least sixty-five (65) per cent of the bonds outstanding, now desires to amend said Original Resolution to provide for more complete investment of the funds in the Bond and Interest Sinking Fund Account created under said Original Resolution:

Now, Therefore, Be It and It Hereby Is Resolved by The Board of Trustees of the University of Illinois, as follows:

SECTION 1. That said Original Resolution be amended by adding the following sentence at the end of and to Sub-Section (b) of Section 6 of said Original Resolution:

Funds of the Bond and Interest Sinking Fund Account held for payments of principal and interest required during the next succeeding twelve (12) months (excluding funds held for the payment of principal and accrued interest thereon of Bonds which have matured and excluding funds held for the payment of principal and accrued interest thereon and redemption premiums, if any, on Bonds called for redemption but unpaid) may be invested by the Comptroller from time to time in United States Government securities maturing in such manner that at all times sufficient securities will mature not later than ten (10) days prior to each of the next two succeeding interest payment dates to meet the interest and principal payments becoming due on each of said dates.

SECTION 2. This resolution and the amendment herein authorized to said Original Resolution shall become effective upon the date of the consent of the holders of sixty-five (65) per cent of the outstanding bonds is received in accordance with the provisions of Section 12 of said Original Resolution.

In all respects not inconsistent with this first amendatory resolution, the Original Resolution is hereby ratified, approved, and confirmed.

A resolution providing for authorization for additional investment of funds of the Bond and Interest Sinking Fund Account of the Women's Residence Halls Revenue Bonds of 1956 and providing for amendment of a resolution authorizing the issue of Women's Residence Halls Revenue Bonds of 1956 duly adopted by The Board of Trustees of the University of Illinois on September 18, 1956.

WHEREAS, The Board of Trustees of the University of Illinois on September 18, 1956, did duly adopt a resolution authorizing the issue of Women's Residence Halls Revenue Bonds of 1956 of The Board of Trustees of the University of Illinois in the principal amount of \$3,100,000 for the purpose of providing funds necessary to construct, complete, and equip an addition to the Lincoln Avenue Residence in the City of Urbana, Illinois, fixing the date, maturities, form, and other details of said Bonds, and making covenants and provisions for the payment of said Bonds and the interest thereon, which resolution is hereinafter called "Original Resolution"; and

WHEREAS, The Board of Trustees of the University of Illinois, subject to the concurrence of the holders of at least sixty-five (65) per cent of the bonds outstanding, now desires to amend said Original Resolution to provide for more complete investment of the funds in the Bond and Interest Sinking Fund Account created under said Original Resolution:

Now, Therefore, Be It and It Hereby Is Resolved by The Board of Trustees of the University of Illinois, as follows:

SECTION 1. That said Original Resolution be amended by adding the following sentence at the end of and to Sub-Section (b) of Section 6 of said Original Resolution:

Funds of the Bond and Interest Sinking Fund Account held for payments of principal and interest required during the next succeeding twelve (12) months

(excluding funds held for the payment of principal and accrued interest thereon of Bonds which have matured and excluding funds held for the payment of principal and accrued interest thereon and redemption premiums, if any, on Bonds called for redemption but unpaid) may be invested by the Comptroller from time to time in United States Government securities maturing in such manner that at all times sufficient securities will mature not later than ten (10) days prior to each of the next two succeeding interest payment dates to meet the interest and principal payments becoming due on each of said dates.

SECTION 2. This resolution and the amendment herein authorized to said Original Resolution shall become effective upon the date the consent of the holders of sixty-five (65) per cent of the outstanding bonds is received in accordance with the provisions of Section 12 of said Original Resolution.

In all respects not inconsistent with this first amendatory resolution, the Original Resolution is hereby ratified, approved and confirmed.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Kerner.

ADJUSTMENT OF BIENNIAL OPERATING BUDGET

(6) The National Defense Student Loan Program requires that each institution provide funds equal to one-ninth the contribution by the federal government. To date the University has been able to provide matching funds from uncommitted gifts for student aid. However, it appears that before the end of the next biennium such funds remaining will be inadequate to meet the matching requirements of the federal government.

The Vice-President and Comptroller and the Vice-President and Provost recommend that the biennial budget requests from the University Income Fund be increased by \$56,000 for the biennium for this purpose.

I concur.

On motion of Mr. Johnston, this adjustment in the budget was approved by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Kerner.

EXPANDED EDUCATIONAL PROGRAM FOR THE CHICAGO UNDERGRADUATE DIVISION

(7) At the meeting of the Board of Trustees on January 18, 1961, the Board received recommendations relating to educational policies and plans for the organization of educational programs involved in the expansion of the Chicago Undergraduate Division into a degree-granting branch of the University, with the request that action on these be deferred pending study and review by the Board of Trustees. I now recommend that they be adopted.

On motion of Mr. Johnston, the recommendations of the President as printed on pages 310 and 311 of the minutes of January 18, 1961, were approved.

ARCHITECTS FOR NEW BUILDINGS

(8) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of contracts for architectural and engineering services for the following building projects:

College of Education Building

Lundeen and Hilfinger, Bloomington, for complete architectural services at a fee of 6 per cent of construction costs. This firm will give the University credit for payments made to Professor A. Richard Williams, who did the preliminary design work on this building.

Research Laboratory for Department of Food Technology

Glenn G. Frazier and Associates, Urbana, at a fee of 6 per cent of the construction costs, provided that the initial assignment will be limited to preliminary studies at a cost of approximately \$10,500. Working drawings and

completion of architectural services will require an additional \$28,000. Construction of the building is subject to the availability of funds from federal and other grants; funds are presently available for the preliminary studies.

Remodeling of Interior of Armory

Clark, Daily, and Dietz, Urbana, to design the interior remodeling and construction at a fee of 6 per cent of construction costs. The interior construction is to provide new quarters, including classrooms, offices, workshops, and laboratory facilities, for some of the services of the Department of Speech and Theatre and the Colleges of Fine and Applied Arts and Commerce and Business Administration now housed in the Sixth Street Building and which will need to be rehoused when that building is removed to provide a site for the new College of Commerce and Business Administration building.

The estimated cost of the engineering services is \$15,000 for which an appropriation is requested.

I recommend award of these contracts and an appropriation of \$15,000 from the General Reserve Fund for the services on the Armory project.

On motion of Mr. Pogue, these contracts were awarded as recommended; and the requested appropriation of \$15,000 was made. This action was taken by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Kerner.

APPROPRIATION FOR JOINT COUNCIL ON HIGHER EDUCATION

(9) The Illinois Joint Council on Higher Education, established informally some twenty years ago as the "General Council of the Six State Supported Institutions of Higher Education in Illinois," consisting of the presidents and other representatives of the state universities,¹ meets regularly four times a year for consideration of educational programs, policies, and other subjects of mutual interest and for joint planning. In recent years, it has conducted inter-institutional studies as background for action by the member institutions. The original fund set up to finance these studies through payments by the universities has now been entirely used, and additional funds are needed for further studies and planning. It is contemplated that a qualified professional appointment will be made for this purpose. The University of Illinois share of this undertaking for one year is computed at \$14,000.

I recommend an assignment of this amount from the University's General Reserve to the agency account of the Joint Council.

On motion of Mrs. Watkins, this appropriation was made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Kerner.

NONRECURRING APPROPRIATIONS

(10) The Vice-President and Provost and the Vice-President and Comptroller recommend assignments of funds for the following purposes and from the sources stated:

- | | |
|--|-----------|
| 1. Rerouting utilities (steam and electric service lines) on the site of the proposed Materials Research Laboratory, from indirect costs available from government research contracts..... | \$ 83 000 |
| 2. Educational Surveys Revolving Account, from the General Reserve.. | 9 408 |
| 3. Air conditioning of the Digital Computer Laboratory, from undistributed indirect costs accumulated on Computer Laboratory research contracts | 35 000 |
| 4. Repairing organ in University Auditorium, from the General Reserve | 41 836 |
| 5. Sanitary sewer connections from Dairy Barns and herdsman's house to sanitary sewer being laid through dairy farm area, from the General Reserve | 4 400 |

¹ University of Illinois, Southern Illinois University, Illinois State Normal University, Western Illinois University, Eastern Illinois University, and Northern Illinois University.

6. Construction of a women's rest room to serve the Exercise Clinic in the Men's Old Gymnasium Annex, from the General Reserve..... 5 400
 Total.....\$179 044
 I concur.

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Kerner.

AGREEMENT WITH CITY OF URBANA FOR CONSTRUCTION OF TRAFFIC SIGNALS AND IMPROVEMENT OF ORCHARD STREET EXTENDED

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of an agreement with the city of Urbana for the installation of traffic signals at Florida Avenue and Orchard Street in accordance with the provisions stated below. Florida Avenue is now a through street, and signals are needed to reduce hazards at this intersection which is the traffic access to and from the Orchard Place Apartments.

The city will assume the cost of engineering for the installation, including award of contracts and field supervision; the University will pay the city for the actual cost of the installation, estimated at \$8,500.

The University will also construct approximately 155 lineal feet of pavement, 34 feet wide on Orchard Street extended, south of the intersection, at an estimated cost of \$7,500.

Funds are available in the construction budget for the Orchard Place Apartments.

I concur.

On motion of Mrs. Watkins, this agreement was authorized.

CONTRACT FOR EXTENSION OF UTILITIES TO ENTOMOLOGY LABORATORY

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts to the lowest bidders on the extension of steam and electrical service to the Entomology Laboratory which is being constructed as an annex to Burrill Hall:

Electrical, including construction of underground duct runs, manholes, and furnishing and installing electrical material (Division "NN") —
 Square Deal Electrical Contracting, Inc., LaPorte, Indiana.....\$12 150
 Piping system for extension of steam service (Division "OO") — Ideal
 Heating Company, Chicago..... 11 888

Funds are available in a federal grant, state capital appropriations to the University for 1959-61, and assignments of University funds made by the Board.

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Kerner.

PURCHASES Purchases Authorized

(13) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase was recommended on the basis of the lowest acceptable bid.

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
6,100 sets of college qualifications tests, answer sheets and grading for State Examination Program	Admissions and Records	The Psychological Corp., New York, N.Y.	\$3 315 00 f.o.b. New York, N.Y.
45.28 tons diammonium phosphate, 20-52-0	Agricultural Economics	Tennessee Valley Authority, Knoxville, Tenn.	5 466 68 f.o.b. Sheffield, Ala.
2.7 tons ammonium phosphate nitrate, 30-10-0			
14.72 tons concentrated superphosphate, 0-53-0			
One magnetic amplifier, 34 volts, 300 amperes	Digital Computer Laboratory	NJE Corp., Kenilworth, N.J.	7 380 00 f.o.b. delivered
One magnetic amplifier, 14 volts, 300 amperes			
Print and bind 1,500 copies of <i>Robert Drury's Journal</i> , by Arthur W. Secord	University Press	Vail-Ballou Press, Inc., New York, N.Y.	2 768 12 f.o.b. delivered

On motion of Mr. Johnston, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of the lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One 16 mm. motion picture camera with accessories	Cleft Palate Clinic	Altman Camera Co., Chicago	\$6 314 00 delivered
40,000 tolbutamide tablets, 0.5 gram, (this represents a three-month supply of this item)	Hospital Pharmacy	The Upjohn Co., Chicago	3 336 00 delivered
One automatic film processor; less trade-in allowance for one processing unit	Radiology	Westinghouse X-Ray, Chicago	14 066 00 delivered
One four-cylinder, four-wheel drive, gasoline powered truck with platform stake body	Physical Plant	Franklin-Weber Motors, Chicago	3 800 00 delivered

Urbana-Champaign Departments

Construction of tile drainage system on Allerton Trust Farm No. 5, Piatt County, Illinois, according to the U.S. Department of Agriculture, Soil Conservation Service, Tile Plan No. 253 as approved by the University	Agricultural Economics	Daniel B. & Eli D. Herschberger, Partners, Arthur	\$3 504 16
One radiation detection and measurement apparatus to include scaler, sample changer, print timer, shield, and accessory equipment	Botany	Picker X-Ray Corp., Chicago	4 767 00 f.o.b. delivered
One liquid scintillation spectrometer, transistorized, automatic sample changer, 100 sample, double counting system	Botany	Packard Instrument Co., Inc., La Grange	12 526 00 f.o.b. delivered
One centrifreeze unit fully automatic, mobile, freeze drying laboratory complete with vacuum drum, vacuum pump, compressor, and centrifuge	Botany	E. H. Sargent & Co., Chicago	4 200 00 f.o.b. delivered
One gas chromatograph, linear program temperature controlled, multiple rapid heat rates, thermostatically controlled detector	Chemistry and Chemical Engineering	F & M Scientific Corp., New Castle, Del.	3 474 75 f.o.b. delivered
One titrator, automatic recording, to provide pH and EMF readings simultaneously	Chemistry and Chemical Engineering	Polarad Electronics Corp., Long Island City, N.Y.	3 486 54 f.o.b. delivered
Two spectrophotometers, quartz prism range 220-770 mμ.	Chemistry and Chemical Engineering	E. H. Sargent & Co., Chicago	5 435 00 f.o.b. delivered
One power supply and hydrogen lamp unit for spectrophotometers			
Two recorders, 10 in. chart, plug-in input range changers			
One four-channel oscillographic recording system including: metal mobile cabinet, four-channel recorder assembly with paper take-up, four driver amplifiers, power supply with control panel, carrier preamplifier, a.c. wattmeter, preamplifier, low level preamplifier, volt/ammeter preamplifier, and gabardine cover	Chemistry and Chemical Engineering	Sanborn Co., c/o Crossley Associates, Inc., Chicago	5 396 30 f.o.b. Waltham, Mass.

Item	Department	Vendor	Cost
One spectrophotometer, automatic recording, optical null infrared, double beam, 115 volt, 60 cycle	Chemistry and Chemical Engineering	The Perkin-Elmer Corp., La Grange	\$4 070 00 f.o.b. delivered
One gas chromatograph with hydrogen flame detector and columns; six hot plates, 864 dropping pipettes, four pipette rinsers, 3,000 feet plastic tubing, 48 polyethylene pans	General Chemical Stores	Schaar & Co., Chicago	3 710 00 f.o.b. delivered
One lot laboratory equipment and apparatus	General Chemical Stores	Scientific Products Division, American Hospital Supply Corp., Evanston	3 070 89 f.o.b. delivered
One electrophoresis cell, continuous flow paper type, with fraction collector, power supply, and refrigeration unit, 115 volt, 60 cycle	Food Technology	Beckman Instruments, Inc., Spinco Division, Palo Alto, Calif.	3 574 00 f.o.b. delivered
Eight microscopes, polarizing, with revolving nosepiece, optics, quartz wedges and accessories, rotating stage, vibration direction right-left; less trade-in allowance for four used, obsolete microscopes	Geology	W. H. Kessel & Co., Chicago	4 571 52 f.o.b. delivered
One polarizing photomicroscope with accessories	Microbiology	W. H. Kessel & Co., Chicago	4 959 10 f.o.b. delivered
Construct one 28-inch diameter scattering chamber	Physics	Richardson Manufacturing Co., Springfield	5 061 00 f.o.b. delivered
Print and bind 2,500 copies of <i>The Quest for Paradise</i> , by Charles L. Sanford	University Press	Pantagraph Printing & Stationery Co., Bloomington	4 379 32 f.o.b. delivered
Print and bind 1,500 copies of <i>Outlawing the Spoils</i> , by Ari Hoogenboom, approximately 352 pages per copy	University Press	Vail-Ballou Press, Inc., New York, N.Y.	4 286 35 f.o.b. delivered
1,500 copies of <i>An Early Draft of John Stuart Mill's "Autobiography,"</i> by Jack Sullinger, approximately 224 pages per copy	University Press	Vail-Ballou Press, Inc., New York, N.Y.	2 928 18 f.o.b. delivered
45,000 copies of the <i>Undergraduate Study</i> catalog of the University of Illinois, 1961-62, approximately 352 pages per copy	University Press	Pantagraph Printing & Stationery Co., Bloomington	19 097 00 f.o.b. delivered
17,000 reams Spirit duplicator paper, 8½ in. x 11 in., 20 lb. substance, to be delivered as follows: 8,000 reams — at once 9,000 reams — July, 1961	Office Supply Store	J. W. Butler Paper Co., Chicago	12 131 80 f.o.b. delivered
Steel sectional map cases as follows: 14 drawer sections, 24 in. x 36 in. 26 drawer sections, 36 in. x 48 in. 7 top sections 7 bare sections	Office Supply Store Library	All-Steel Equipment, Inc., Aurora	3 678 25 f.o.b. delivered
Revise and furnish one answer print of film <i>Student Life at the University of Illinois</i>	Public Information	Gliessman Studios, Champaign	5 000 00 (maximum)
Two 16 mm. sound motion-picture projectors less rectifiers, power amplifiers, and speakers, but otherwise complete units with changeover controls for wide-screen dual machine continuous showing	Physical Plant	The H. Lieber Co., Inc., Indianapolis, Ind.	16 700 00 f.o.b. delivered
31 tons fertilizer mixture organic and inorganic	Physical Plant	Koss Distributing Co., Savoy	4 169 50 f.o.b. delivered
14 commercial automatic clothes washers with coin meters for Peabody Drive Residence Halls for undergraduate students	Housing Division	Herb Wise Service, Champaign	2 963 52 f.o.b. delivered
One pick-up truck	Horticulture	Springer Motor Sales, Rantoul	1 615 00
One van truck, 14 ft. bed, to replace a 1953 truck; less trade-in allowance for 1953 truck	Housing Division	International Harvester Co., Springfield	3 599 00

On motion of Mr. Johnston, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(14) The Comptroller's report of contracts executed during the period January 1 to 31, 1961.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Smith, Kline, & French Laboratories	Antibiotics in swine nutrition	\$ 3 000 00	January 17, 1961
United States Army DA-49-193-MD-2133	Biochemistry of the inhibitory or receptor-like substances with which influenza viruses react	18 000 00	September 12, 1960
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
W. C. Buettgen	Orchestra for a dance on February 18, at the Chicago Undergraduate Division	\$ 168 00	January 10, 1961
Champaign-Urbana City Lines, Inc.	Trial operation of bus services adjacent to and through the campus	Not to exceed 5 750 00	November 14, 1960
National Educational Television & Radio Center	Fifteen educational programs entitled "Tell Me Why"	1 333 00 per program	June 30, 1960

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Agricultural Chemicals Division	Evaluation of a series of chlorinated hydrocarbon compounds as insecticides	\$ 2 500 00	December 5, 1960
Allied Chemical Corp., Nitrogen Division	Occurrence of residual nitrogen fertilizer among various soil fractions as indicated by isotopic nitrogen	3 000 00	January 17, 1961
American Dairy Association	Relationship of milk protein to serum cholesterol levels	3 500 00	December 19, 1960
National Warm Air Heating & Air Conditioning Association	Heating, ventilating, and air conditioning as related to warm-air furnace heating	36 905 00	December 30, 1960
United States Army DA-49-193-MD-2047	Anti-radiation drugs	35 617 00	October 5, 1960
United States Atomic Energy Commission AT(11-1)-67, Project 17	Effects of intragastric irradiation with beta rays from ruthenium 106-rhodium 106 on malignant tumors	10 000 00	August 26, 1960
United States Navy NONR-1244(00)	Training in military and disaster medicine	9 000 00	July 1, 1960
United States Navy NONR-1459(05)	Metabolism of hibernation	8 400 00	June 30, 1960

Adjustments Made in 1960-61 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Thirty-four items: \$318.47 deduct to \$326.00	\$ 2 753 89	December, 1960, and January, 1961

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(15) The Comptroller presented his quarterly report to the Board as of December 31, 1960.

This report was received for record, and a copy has been filed with the Secretary of the Board.

GENERAL ASSEMBLY RESOLUTION ON BOARD OF TRUSTEES MEETING

(16) State Representative Paul Simon of Troy, and of the Fifty-third Representative District in the Seventy-second General Assembly of Illinois, has introduced in the House of Representatives a resolution that it "go on record as urging the Board of Trustees of the University of Illinois to hold meetings of the Board of Trustees open to the public. . . ." He sent a copy of the resolution to the President of the University with a letter stating that "If there is a change in

procedure to conform with the spirit and letter of the law, no effort will be made to secure passage of the Resolution."

Since the resolution has to do with the procedures of the Board of Trustees the President transmitted it, together with Mr. Simon's letter and his reply, to the Board for its consideration. In replying to Representative Simon's letter, the President of the University pointed out that the regular meetings of the Board of Trustees have been open to the public for nearly twenty years and that the only items of business conducted in executive session are personnel matters, property acquisitions or sales, patentable inventions, and classified contracts with the United States Government. There has been some public discussion as to whether committees of the Board of Trustees should be required to have public meetings. Mr. Simon has been informed that these committees are advisory and are organized for study purposes. They do not have power to act for the Board and any recommendations for action are presented to public meetings of the Board. The University's Legal Counsel has advised the Board that under state law these committees are not required to have public sessions even though some of the committees have in fact held such sessions.

Copies of the resolution and correspondence with Representative Simon are being filed with the Secretary of the Board for record.

Mr. Clement called attention to the opinion of the University's Legal Counsel, dated April 11, 1960, and suggested that it be made available to the public.

Following discussion of the resolution in which all of the Trustees participated, on motion of Mr. Clement, the Board voted approval of the reply made by the President of the University to Representative Simon as representing the views of the members of the Board of Trustees, and public release of the Legal Counsel's opinion was authorized.

The opinion and copies of the correspondence with Mr. Simon were released to representatives of the press at the meeting.

CONTRACT FOR REMODELING IN DENTISTRY-MEDICINE-PHARMACY BUILDING

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$2,868 to the Simpson Construction Company, Chicago, for remodeling of quarters for the Department of Anatomy in the Dentistry-Medicine-Pharmacy Building in Chicago.

The work will consist of connection of utilities to laboratory furniture which is being furnished under another contract, the installation of new floor tile and base, and new lighting. This improvement is to develop a senior research laboratory for the Department of Anatomy under a matching funds program for which a grant has been received from the National Science Foundation.

Although bids were invited under the standard procedure of advertising, and four contractors indicated interest in the bidding, the Simpson Construction Company is the only bidder.

I concur in the recommendation.

On motion of Mrs. Watkins, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Kerner.

CHANGE IN CONTRACT WITH PATRICK WARREN CONSTRUCTION COMPANY FOR CONSTRUCTION OF ADDITION TO RESEARCH AND EDUCATIONAL HOSPITALS

(18) Submitted herewith is a report prepared by the Legal Counsel on behalf of himself and the Director of the Physical Plant and the Vice-President and Comptroller which explains the now existing situation with respect to the assertion of certain claims arising out of the construction of the addition to the

University's Research and Educational Hospitals and the settlement which has been reached between the partnership known as Crouch-Walker Company and Patrick Warren Construction Company, subject to the University doing what that settlement contemplates be done by it in connection with that settlement, of one of those claims. A copy of this report is being filed with the Secretary of the Board for record.

For the reasons set forth in the joint report, the Director of the Physical Plant, the Legal Counsel, and the Vice-President and Comptroller recommend that authority be granted for increasing the amount of the University's contract with Warren by \$5,052.34 on account of the extras included in Crouch-Walker's claim for the balance due it under its contract with Warren, and for the payment by the University to Crouch-Walker of the sum of \$41,209.39 in return for a credit allowed the University by Warren in that amount upon the contract between the University and Warren, subject, however, to release by the Governor of sufficient funds from the appropriation to enable the University to so pay that sum to Crouch-Walker, and all in accordance with the terms and conditions set forth in the attached report.

I concur.

On motion of Mr. Johnston, this change in the contract was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Kerner.

INVESTMENT REPORT

(19) Mr. Swain, for the Finance Committee, reported the following changes in investments of trust funds from October 1 through December 31, 1960:

URBANA-CHAMPAIGN

Endowment Funds

Sale

340 shares	Allis Chalmers common stock	\$ 8 120 51
18 shares	American Smelting and Refining preferred stock	2 444 72
22 shares	American Tobacco preferred stock	2 680 90
300 shares	Kimberly Clark common stock	23 766 02
100 shares	Minneapolis-Honeywell common stock	13 387 92
600 shares	Southern Natural Gas common stock	22 861 67
15 shares	U. S. Steel preferred stock	2 091 01
4 shares	Standard Oil of New Jersey common stock	164 92
400 shares	Investors Mutual stock	4 138 40
125 shares	National Aviation Corporation common stock	3 724 86
1,000	U. S. Treasury bonds 2½% 2/15/65	959 69

Purchase

660 shares	Bank of America common stock	30 913 66
600 shares	Monsanto Chemical Company common stock	25 239 60
400 shares	Bendix Aviation common stock	24 714 53

Current Funds

Exchange

\$ 500 000	U. S. Treasury bonds	2½% 11/15/60 for
500 000	U. S. Treasury bonds	3½% 2/15/62

Purchase

\$1 000 000	U. S. Treasury bills	12/8/60	\$ 998 590 28
1 000 000	U. S. Treasury bills	12/29/60	999 575 00
1 200 000	U. S. Treasury bills	1/26/61	1 197 608 33
2 100 000	U. S. Treasury certificates	3½% 8/1/61	2 100 000 00

CHICAGO

Current Funds

Purchase

\$ 250 000	U. S. Treasury bills	6/1/61	\$ 246 656 53
150 000	U. S. Treasury bills	3/9/61	149 070 42

Report of the Comptroller

The Comptroller reported the following changes in unexpended plant fund investments, over which he has authority as shown:

URBANA-CHAMPAIGN*Construction Funds*

Housing Revenue Bonds of 1960 Series A (Orchard Downs), Board of Trustees resolution dated June 14, 1960.

Sale				
\$ 90 000	U. S. Treasury bills	4/15/61	\$	89 096 10
156 000	U. S. Treasury notes	3¼% 2/15/62		156 243 75
Purchase				
\$ 137 000	U. S. Treasury bills	3/22/61		135 635 25
120 000	U. S. Treasury bills	4/15/61		118 710 00
156 000	U. S. Treasury notes	3¼% 2/15/62		156 000 00

Housing Revenue Bonds of 1959 Series C and D (Peabody Drive), Board of Trustees resolution dated October 21, 1959.

Purchase				
\$ 170 000	U. S. Treasury bills	1/12/61	\$	168 997 57
500 000	U. S. Treasury bills	12/15/60		499 476 39
330 000	U. S. Treasury bills	1/12/61		328 902 75
150 000	U. S. Treasury bills	2/16/61		149 044 50
70 000	U. S. Treasury bills	2/16/61		69 751 66

Assembly Hall Revenue Bonds, Board of Trustees resolution dated June 23, 1959.

Purchase				
\$ 387 000	U. S. certificates	3½% 8/1/61	\$	387 483 75
255 000	U. S. Treasury bills	7/15/61		250 097 48
130 000	U. S. Treasury bills	10/16/61		126 491 81
256 000	U. S. Treasury bills	6/22/61		251 561 60
78 000	U. S. Treasury bills	2/16/61		77 618 06
50 000	U. S. Treasury bills	3/9/61		49 748 69

Housing Revenue Bonds of 1959 Series B (Graduate Housing), Board of Trustees resolution dated June 23, 1959.

Purchase				
\$ 25 000	U. S. Treasury bills	11/17/60	\$	24 960 17
15 000	U. S. Treasury bills	11/17/60		14 991 67
25 000	U. S. Treasury bills	12/15/60		24 975 69
17 000	U. S. Treasury bills	1/15/61		16 945 22

Housing Revenue Bonds of 1958 (120 Units), Board of Trustees resolutions dated December 17, 1958, and March 12, 1959.

Purchase				
\$ 87 000	U. S. Treasury bills	11/17/60	\$	86 835 67
71 000	U. S. Treasury bills	12/15/60		70 930 97
67 000	U. S. Treasury bills	1/19/61		66 901 92

Men's Residence Halls of 1957, Board of Trustees resolution dated March 12, 1957.

Purchase				
\$ 33 000	U. S. Treasury bills	11/17/60	\$	32 966 59
33 000	U. S. Treasury bills	1/5/61		32 948 58

Sinking Funds

Assembly Hall Sinking Fund, Board of Trustees resolutions dated June 23, 1959, and July 21, 1959.

Sale				
\$ 95 000	U. S. Treasury bonds	2¼% 11/15/60	\$	95 089 06

Purchase				
\$ 100 000	U. S. Treasury bills	3/16/61	\$	99 078 22

Men's Residence Halls of 1957 Sinking Fund, Board of Trustees resolution dated March 12, 1957.

Purchase				
\$ 201 000	U. S. Treasury bills	3/16/61	\$	199 177 60

Women's Residence Halls of 1956 Sinking Fund, Board of Trustees resolution dated September 18, 1956.

Purchase

\$ 89 000	U. S. Treasury bonds	2¾%	9/15/61	\$ 88 972 19
39 000	U. S. Treasury bills		3/16/61	38 646 40
37 000	U. S. Treasury notes	4¾%	5/15/65	38 514 69

Revenue Bonds of 1956 Sinking Fund, Board of Trustees resolutions dated March 23, 1956, and September 18, 1956.

Purchase

\$ 25 000	U. S. Treasury bills		3/16/61	\$ 24 773 33
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CHICAGO

Construction Fund

Laundry

Purchase

\$ 5 000	U. S. Treasury bills		3/23/61	\$ 4 973 13
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This report was received for record.

DEGREES TO BE CONFERRED IN FEBRUARY

The Secretary presented for record the following list of degrees conferred as of February 11, 1961, on recommendation of the Urbana Senate and by authority of the Board of Trustees.

Summary

Degrees in the Graduate College:

Doctor of Philosophy.....	91
Doctor of Education.....	5
Master of Arts.....	30
Master of Science.....	216
Master of Music.....	7
Master of Education.....	34
Master of Architecture.....	2
Master of Accounting Science.....	2
Master of Television.....	1
Master of Commerce.....	2
<i>Total, Graduate College.....</i>	<i>(390)</i>

Degrees in Law:

Bachelor of Laws.....	14
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Degrees in Veterinary Medicine:

Bachelor of Science.....	3
Doctor of Veterinary Medicine.....	1
<i>Total, Veterinary Medicine.....</i>	<i>(4)</i>

Baccalaureate Degrees:

Bachelor of Science, College of Agriculture.....	62
Bachelor of Science, College of Engineering.....	331
Bachelor of Arts, College of Liberal Arts and Sciences.....	98
Bachelor of Science, College of Liberal Arts and Sciences.....	69
Bachelor of Science, College of Education.....	45
Bachelor of Science, College of Commerce and Business Administration.....	121
Bachelor of Science, College of Journalism and Communications.....	24
Bachelor of Architecture, College of Fine and Applied Arts.....	49
Bachelor of Fine Arts, College of Fine and Applied Arts.....	18
Bachelor of Music, College of Fine and Applied Arts.....	3
Bachelor of Science, College of Fine and Applied Arts.....	9
Bachelor of Science, College of Physical Education.....	33
Bachelor of Science, Division of Special Services for War Veterans.....	7
<i>Total, Baccalaureate Degrees.....</i>	<i>(869)</i>
<i>Total, Degrees Conferred.....</i>	<i>1,277</i>

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

MOHAMED NASR HABIB EL-HAWARY, B.Com., Cairo University, 1949; M.S., 1958

In Agricultural Economics

DHIRAJLAL KESHAVLAL DESAI, B.S., University of Bombay, 1949; M.S., University of Poona, 1959

MAX RAYMOND LANGHAM, B.S., M.S., 1952, 1958

In Agronomy

MILTON DELBERT JELLUM, B.S., University of Minnesota, 1956; M.S., 1958

MOTI KUNDANDAS MOOLANI, B.S., University of Bombay, 1950; M.S., University of Poona, 1951; Ed.M., 1960

WOLF PRENSKY, B.S., Cornell University, 1953; M.S., 1957

In Animal Nutrition

ELIZABETH BERNICE SMITH, B.S., Acadia University, 1940; M.S., University of Manitoba, 1947

In Business

FREDERICK ARMAND MANZARA, A.B., Northwestern University, 1951; M.S., 1955

ROBERT EUGENE WEIGAND, B.S., University of Notre Dame, 1952; M.S., 1956

In Chemical Engineering

ANTHONY STEPHEN BALCHAN, B.S., Columbia University, 1957; M.S., 1959

ARTHUR LINDLEY EDWARDS, B.S., University of Washington, 1954; M.S., 1959

EARL RAMON HOSLER, B.Ch.E., University of Dayton, 1957; M.S., 1959

DOUGLAS ROBERT STEPHENS, B.S., University of Washington, 1957; M.S., 1959

JOHN FRANCIS WELCH, B.S., University of Massachusetts, 1957; M.S., 1959

In Chemistry

JOHN QUINCY ADAMS, B.S., Purdue University, 1953; M.S., 1955

WILLIAM KING BAKER, B.S., M.S., 1955, 1958

MOU-SHU CHAO, Bachelor, National Central University, 1947; M.S., 1957

JEN CHIU, B.S., National Hunan University, 1946; M.S., 1959

DOUGLAS HOWARD DYBVIK, A.B., St. Olaf College, 1957

THOMAS KARL DYKSTRA, A.B., Calvin College, 1957

RICHARD ELMER EIBECK, B.S., University of Cincinnati, 1957; M.S., 1959

CLIFF YASUO FUJIKAWA, B.S., M.S., University of Hawaii, 1949, 1957

ROBERT ZIOLKOWSKI GREENLEY, B.S., John Carroll University, 1956

JAMES ALLEN HOLT, A.B., Oklahoma Baptist University, 1956

PIERRE EMIL KIENER, Diploma, Federal Institute of Technology, 1947; M.S., 1959

ERNEST KNIGHT, JR., B.S., M.S., University of Arkansas, 1955, 1957

ROBERT SCHWENN NEALE, A.B., Amherst College, 1957

JOON SUK OH, B.S., Seoul National University, 1952

DAVID MEARNS PAISLEY, B.S., West Virginia Wesleyan College, 1957; M.S., 1959

RUSSELL GEORGE SMITH, B.S., University of Alberta, 1957

DARL KERR STRAUB, B.S., Allegheny College, 1957

JOHN WITT, JR., B.S., Michigan State University, 1957

In Civil Engineering

RICHARD DEAN BLACK, B.S., M.S., 1952, 1953

HARRY MOORE HORN, B.C.E., Polytechnic Institute of Brooklyn, 1953; M.S., Columbia University, 1956

GORDON ELBERT MARTIN, B.S., M.S., 1948, 1949

JOHN EDWARD WAGNER, B.S., United States Military Academy, 1950; M.S., 1959

In Classical Philology

JOSEPH SYLVESTER PENDERGAST, A.B., Ph.L., A.M., St. Louis University, 1946, 1948, 1950

In Communications

JOHN ROBERT GREGORY, A.B., A.M., Montana State University, 1947, 1948

In Dairy Science

JOHN CLARENCE DEFRIES, B.S., M.S., 1956, 1958

In Economics

GEORGE MCCUTCHAN POWELL, A.B., University of Arkansas, 1950; A.M., University of Minnesota, 1951

RONALD EUGENE SIMMONS, B.S., A.M., 1955, 1959

In Education

LAURA JOSEPHINE JORDAN, A.B., M.S., 1948, 1950

EUGENE PETER MCLOONE, A.B., La Salle College, 1951; M.S., University of Denver, 1953

In Electrical Engineering

CHARLES ELDRED ENDERBY, B.S., M.S., 1957, 1958

VEMBU GOURI SHANKAR, B.Eng., University of Madras, 1950; M.S., 1958

THOMAS IVAN HEDVIG, B.S., M.S., 1955, 1956

WILLIAM WAYNE LICHTENBERGER, B.S., M.S., 1955, 1956

KENNETH ROSE, B.S., M.S., 1955, 1957

In English

ALLEN HAYMAN, A.B., Syracuse University, 1948; A.M., 1951

EDWARD STEWART LAUTERBACH, A.B., A.M., University of California (Los Angeles), 1951, 1954

In Entomology

BRIAN ELLMAN BROWN, B.S., M.S., University of Western Ontario, 1953, 1955

DAVID ROBERT LAUCK, B.S., M.S., 1955, 1959

In Geology

ROBERT BRIAN ELLWOOD, B.S., University of Manchester, 1955

WILLIAM DAVID SEYON III, A.B., Ohio Wesleyan University, 1955; A.M., University of South Dakota, 1958

ROBERT LEONARD WALPOLE, A.B., Toronto University, 1956

PAUL SIDNEY WINGARD, A.B., A.M., Miami University, 1952, 1955

In German

ELMER HAROLD ANTONSEN, A.B., Union College, 1951; A.M., 1957

JAMES FITZGERALD POAG, A.B., A.M., 1956, 1958

In History

JAMES WARD PRINGLE, A.B., A.M., 1952, 1957

RALPH ALLEN STONE, A.B., University of Kansas, 1956; A.M., 1959

STANLEY MARTIN YATES, A.B., Ohio University, 1950; A.M., 1952

In Horticulture

ROGER WILLIAM HEPLER, B.S., University of New Hampshire, 1955; M.S., Pennsylvania State University, 1957

JOSEPH S. VANDEMARK, B.S., M.S., Michigan State University, 1941, 1946

In Library Science

EARL ARWIN FORREEST, JR., B.S., North Texas State Teachers College, 1938; B.S., M.S., Columbia University, 1947, 1951

In Mathematics

CHARLES GORDON KRUEGER, B.S., M.S., De Paul University, 1953, 1955

LAWRENCE SHERWIN LEVY, B.S., M.S., Juilliard School of Music, 1954, 1956; A.M., 1958

In Mechanical Engineering

CHENG CHIH TSUNG, B.S.E., University of Michigan, 1954; M.S., 1955

In Microbiology

- JOHN ANGELO BOEZI, B.S., St. Bonaventure University, 1955
 IVAN DELMAR GOLDBERG, A.B., University of Pennsylvania, 1956
 MARTHA REYBURN SHEEK, A.B., Indiana University, 1949; M.S., 1954
 ROBERT CHIN-YAO TING, A.B., A.M., Amherst College, 1954, 1956

In Philosophy

- BERNARD MARTIN, A.B., University of Chicago, 1947; A.M., 1957

In Physical Education

- ASBURY CUMMINGS MOORE, JR., B.S., University of Maryland, 1949; M.S., 1951

In Physics

- EBERHARD GOELER VON RAVENSBURG, Vordiplom Tech., Hochschule Darmstadt, 1953; M.S., 1955
 SAMUEL MELVIN HARRIS, B.S., M.S., 1955, 1956
 WILLIAM WELLER HOLLOWAY, JR., A.B., Swarthmore College, 1954; M.S.E., Princeton University, 1956; M.S., 1957
 THOMAS CARLISLE MARSHALL, B.S., Case Institute of Technology, 1957; M.S., 1958
 PETER BENJAMIN MILLER, A.B., Oberlin College, 1955; M.S., Yale University, 1956
 ROLLAND ALBERT MISSMAN, JR., B.S., Oregon State College, 1949; M.S., California Institute of Technology, 1950
 JAMES SHERIDAN O'CONNELL, B.S., Beloit College, 1953; M.S., 1955
 CHARLES LAMBERT WOLFF, B.S., Pennsylvania State University, 1952; M.S., 1956

In Plant Pathology

- ROBERT FRANKLIN WHITCOMB, A.B., Blackburn College, 1953; M.S., 1957

In Political Science

- LEE FRANKLIN ANDERSON, A.B., University of Idaho, 1956; A.M., 1957

In Psychology

- FELIX FRIEDRICH KOPSTEIN, A.B., A.M., University of Pennsylvania, 1949, 1951
 BYRON WALTER LINDHOLM, A.B., Northwestern University, 1955
 FREDERICK ARTHUR MUCKLER, A.B., A.M., 1951, 1953

In Speech

- MARY HEDWIG ARBENZ, A.B., Smith College, 1927; A.M., Teachers College, Columbia University, 1939
 WILMA JUNE DRYDEN, A.B., A.M., 1939, 1948

In Theoretical and Applied Mechanics

- JAMES WARREN BALDWIN, JR., B.S., M.S., 1951, 1956
 BICHARA BICHARA MUVDI, B.M.E., M.M.E., Syracuse University, 1952, 1954

In Veterinary Medical Science

- THOMAS ROBERT BONNER BARR, B.S. (Agriculture), B.S. (Veterinary Science), University of Edinburgh, 1951, 1955

Degree of Doctor of Education*In Education*

- EDWARD GEORGE ADAMEK, A.B., Park College, 1949; Ed.M., University of Missouri, 1952
 PAUL WILLIAM KOESTER, B.S., Eastern Illinois University, 1951; Ed.M., 1957
 HELEN META LOHR, B.Ed., Wisconsin State College (Stevens Point), 1933; M.S., University of Wisconsin, 1940
 THEODORE FREDERICK RENTICK, B.S., Western Illinois University, 1950; Ed.M., 1955

In Music Education

- ROBERT BARTON SMITH, B.Mus., M.Mus., Indiana University, 1948, 1949

Degree of Master of Arts*In Chemistry*

RICHARD ROBERT BOETTCHER, A.B., DePauw University, 1959

In Economics

ROBERT EDWARD COLEBERG, JR., A.B., William Jewell College, 1953; M.B.A., Cornell University, 1957

EDWARD DONALD ONANIAN, A.B., Brown University, 1958

LARRY GENE SGONTZ, A.B., College of Wooster, 1958

JOHN HENRY WICKS, A.B., University of South Dakota, 1957

In English

GEORGE LEROY FRIEND, A.B., Miami University, 1959

MARTHA ROSE LAFRENZ, A.B., William Jewell College, 1960

JOAN IGOVE MACINTYRE, A.B., 1958

CECILE STOLLER MARGULIES, A.B., 1956

MARY ANGELA SAVIO, A.B., Indiana University, 1959

EDWARD C. VISNOW, A.B., Valparaiso University, 1958

ANNE ELIZABETH WILFONG, A.B., Lenoir Rhyne College, 1957

In French

DOROTHY DIANA JOHNS, A.B., University of Kansas, 1959

In Geography

FLOYD ROBERT BIELSKI, B.S., Indiana State Teachers College, 1955

RONALD LEE BLACK, B.S., 1959

ROBERT LUDWIG KOEPKE, A.B., Southern Illinois University, 1958

In Labor and Industrial Relations

DAVID BORIS BOOTH, B.S., University of Chicago, 1949

DONALD RICHARD VOLM, B.S., Quincy College, 1952

In Mathematics

HARVEY LYNN ELDER, A.B., A.M., Murray State College, 1955, 1957

In Philosophy

DAVID AXEL JOHNSON, A.B., Antioch College, 1958

In Political Science

YASUMASA TANAKA, A.B., Gakushuin University, 1954

GARY LEONARD WILHELM, A.B., University of Idaho, 1957

In Psychology

HERBERT JAMES CLARK, A.B., University of Michigan, 1959

CATHERINE MAY FRAIL, A.B., Mount Holyoke College, 1958

JOHN LEONARD HORN, A.B., University of Denver, 1956

In Sociology

DALE FRANKLIN LYTTON, A.B., 1959

In Spanish

EDWARD GERARD McGRATH, B.S., 1959

In the Teaching of French

RUTA LIGITA KUPCIS, A.B., 1958

In the Teaching of Social Studies

CHARLOTTE BOSSI, Ph.B., Northwestern University, 1952

YOSHIIUCHI TANAKA, A.B., Iowa State Teachers College, 1956

Degree of Master of Science*In Accountancy*

HAKIM ULLAH AZIZ, B.S., 1958

PREENON KALYANAMIT, B.Accy., Chulalongkorn University, 1952

PUANGSUWAN SUDTHIPRAKARN, B.Com., Higher Diploma in Accy., University of Thammasat, 1955, 1956

In Advertising

DONALD RICHARD WILLIAMS, B.S., 1953

In Aeronautical Engineering

EDUARDO PEREIRA DEL CASAL, B.S., University of Santo Tomas, 1957; M.S., 1959

HENRY GEORGE TIMMER, B.S., 1959

In Agricultural Economics

MILTON CHARLES HALLBERG, B.S., 1960

SATISH CHANDRA JHA, A.B., Bihar University, 1954; A.M., Patna University, 1957

DARREL DEAN PENNINGROTH, B.S., Iowa State College, 1959

DONALD GLEN SMITH, B.S., 1947

ARNOLD GEORGE WENNMACHER, B.S., Purdue University, 1956

In Agronomy

JERE EVANS FREEMAN, B.S., University of Tennessee, 1958

DONALD EUGENE MCCORMACK, B.S., 1953

YING VAJRAGUPTA, B.S., Chulalongkorn University, 1943

In Animal Science

WAYNE MERRILL DURBLE, B.S., Illinois State Normal University, 1959

In Architectural Engineering

ANTHONY MARCHERTAS, B.Arch., 1960

In Botany

BARBARA JEAN GLOW, B.S., 1959

In Chemical Engineering

MICHAEL STEPHEN BOLO, B.S., Northwestern University, 1959

In Chemistry

HARRY BABAD, B.S., Polytechnic Institute of Brooklyn, 1956

DONALD ALLEN BAFUS, B.S., Kansas State University, 1959

JAMES EWING DUNN, A.B., Vanderbilt University, 1959

ROBERT LOUIS GERTEIS, B.S., Municipal University of Wichita, 1958

KENNETH PAUL HAHN, B.S., Western Illinois University, 1958

CONRAD FRANK HEINS, A.B., Drew University, 1959

BRUCE HOLMES KLANDERMAN, A.B., Calvin College, 1959

In City Planning

CHARLES LOUIS BRINKMAN, JR., B.S., University of Missouri, 1955

In Civil Engineering

MOHAMED AHMED ABDEL HADY, B.C.E., Ein Shams University, 1956

PARTHASARATHY BANERJEE, B.Eng., University of Calcutta, 1957

PAUL BAZILWICH, JR., B.S., United States Military Academy, 1955

ATEF AHMED EL SAYED EL-ASSAL, B.C.E., Cairo University, 1956

SHASHIKANT CHANDULAL FADIA, B.Eng., Sardar Vallabhbhai Vidyapeeth University, 1959

CHARLES SE-SO FENG, B.S., Taiwan Provincial Cheng Kung University, 1956

WILLIAM ERVIN FRANSWICK, B.S., University of Wisconsin, 1954

KENNETH EDWARD GINTER, B.S., United States Military Academy, 1955

ALBERTO GOMEZ-RIVAS, C.E., Universidad Javeriana (Bogota), 1958

NORRIS LUTON HICKERSON, B.Eng., Vanderbilt University, 1957

- JAMES KENNETH HIGHFILL, B.S., University of Missouri School of Mines and Metallurgy, 1954
BADR EL-DIN SOUROUR ISMAIL, B.C.E., Cairo University, 1956
DONALD MARTIN JEWELL, B.S., 1956
WAYNE LEROY JOHNSON, B.S., University of Wyoming, 1958
ALFRED KORN, B.S., Purdue University, 1952
FRANCIS HJALMER KOSKI, B.S., Michigan College of Mining and Technology, 1952
PALANIAPPAN MEIYAPPAN, B.Eng., Andhra University, 1953
YESHWANT ATMARAM MHATRE, B.S., University of Bombay, 1954; B.Tech., Indian Institute of Technology, 1959
HENRY MITCHELL, B.S., University of Arizona, 1954
FREDERICK MITRONOVAS, B.S., Pennsylvania State University, 1959
PATAYA NA BANGCHANG, B.S., Chulalongkorn University, 1956
AHMED KHAIRY NOOR, B.C.E., Cairo University, 1958
ALI-REZA OMOOMI, Diploma, Teheran University, 1958
EVERETTE SANFORD PARKINS, B.S., United States Military Academy, 1951
SHAMSHER PRAKASH, B.Eng., Diploma, Roorkee University, 1954, 1959
JOHN THOMAS SCHAMAUN, B.S., University of New Mexico, 1956
DEVENDRA ANUBHAI SHAH, B.Eng., Gujarat University, 1959
LYMAN RADLEY SQUIER, B.S., Rutgers University, 1955
HENRY EARL THOMPSON, B.S., University of Tennessee, 1955
MORTIMER DANIEL VANDERBILT, B.S., Ohio University, 1957
RU-LIANG WANG, B.S., Taiwan Provincial Cheng Kung University, 1957

In Dairy Science

- ROBERT MEROLD COOK, B.S., 1957

In Dairy Technology

- GEORGE ARTHUR MUCK, B.S., 1959

In Economics

- NONGYAO ANOTHAIVONGS, B.Com., Higher Diploma, University of Thammasat, 1955, 1956
JERRY HYLTON CURNUTT, A.B., William Jewell College, 1959
LEE DEAN DOBBINS, A.B., Monmouth College, 1959
DAVID CAMPBELL MCINTYRE, B.Econ., University of Western Australia, 1960
JOSEPH CLAUDE STORY, B.S., Indiana University, 1954

In Electrical Engineering

- DONALD PAUL AXITT, B.S., University of Alberta, 1959
CRAIG ROBERT ALLEN, B.S., 1957
ROBERT PHILBRICK ALLEY, B.S.E., University of Michigan, 1949
EARL RICHARD BULLOCK, B.S., Kansas State University, 1954
RICHARD AUGUST DETERS, A.B., St. Joseph's College (Indiana), 1959; B.S., 1960
RICHARD FRANK DONNELLY, B.S., South Dakota School of Mines and Technology, 1959
WILLIAM DONALD FRAZER, B.S.E., Princeton University, 1959
HUBERT LEE GRUSH, B.S., 1959
JAMES JOSEPH HOGAN, B.E.E., University of Dayton, 1959
HWA-SUNG HSIEH, B.S., National Taiwan University, 1958
EDWARD THOMAS JOHNSON, B.S., 1957
YATES ARTHUR KEIR, B.S., Purdue University, 1959
EVANGELOS PETROS KOSTOGIANNIS, B.S., 1959
DONALD LESTER LACY, B.S., 1959
MANOHAR LAL, B.S., University of Allahabad, 1955; Diploma, Indian Institute of Science, 1959
FRANK ANTHONY LEINGANG, B.S., 1960
ROBERT KEITH LIKUSKI, B.S., University of Alberta, 1959
WILLIAM CHRISTIAN MCCLURG, B.S., 1959
EWEN AUSTIN MCLENNAN, B.A.Sc., University of Toronto, 1957
THOMAS ALBERT PACER, B.S., 1960
JAMES ALBERT RESH, B.S., Michigan State University, 1959

SERGIO TELLES RIBEIRO, Engineer, Technical Institute of Aeronautics (Brazil), 1957

ORVILLE ALTON RICH, B.S., 1960

NARAHARI SARKAR, B.Eng., Bengal College of Engineering and Technology, 1947; M.Eng., University of Rajasthan, 1957

WILLIAM SINNEMA, B.S., University of Alberta, 1959

MILLARD POWELL STANLEY, JR., B.E.E., Georgia Institute of Technology, 1956

GLENN HERBERT STUMPF, B.S., Pennsylvania State University, 1954

JAN BRYCE THOMAS, B.Eng., B.S., University of Queensland, 1958, 1959

PETER TOULIOS, B.S., 1960

RAJ KUMAR VARSHNEY, B.S., Agra University, 1949; M.S., University of Allahabad, 1951

MICHAEL ROBERT WEINER, B.S., Illinois Institute of Technology, 1959

In Finance

DAVID EDWIN PETERSON, B.S., 1959

In Geology

LIVINGSTON CHASE, B.S., University of New Hampshire, 1950

In Home Economics

JEAN JONE JEN FAN, B.S., 1958

CONSTANCE HULTINE FLORSCHUETZ, B.S., 1959

MING-HSI MAR, B.Ed., Taiwan Normal University, 1958

SUSAN MARGERY TEEGARDEN, B.S., 1959

In Journalism

WILLIAM KENT WARNER, JR., A.B., Wheaton College, 1953; A.M., Columbia Bible College, 1954

In Library Science

ESHETU AGONAFIR, A.B., University College of Addis Ababa, 1959

DORIS JEAN ATHY, A.B., University of Missouri, 1955

SHIRLEY ANN BRATTLAND, B.S., A.B., Moorhead State Teachers College (Minnesota), 1958, 1958

EVAN J. CHRISTENSEN, B.S., Utah State University, 1959

DORIS FONDA DODDS, A.B., University of Nebraska, 1926

JOHN MILES LITTLEWOOD, A.B., North Central College, 1953

CHARLES SPURR LONGLEY, A.B., Wesleyan University, 1956

FRANK SYLVESTER LUCASH, A.B., Southern Illinois University, 1959

JOHN DEAN MCCALL, JR., A.B., University of North Carolina, 1957

JANET PEPIOT WAITZ, A.B., North Central College, 1959

ROBERT WEDGEWORTH, JR., A.B., Wabash College, 1959

In Management

CHARLES IRA COLEMAN, JR., B.S., 1958

MARVIN GENE NEWPORT, B.S., Eastern Illinois University, 1957

In Marketing

NEIL MAURICE FORD, B.S., Southern Illinois University, 1958

HARRY HARMON SUMMER, B.B.A., Memphis State College, 1958

RICHARD LINCOLN WYATT, B.S., 1937

In Mathematics

KENNETH LEE JONES, B.S., Massachusetts Institute of Technology, 1957

CHAO-HUA LIU, A.B., 1960

RONALD JOSEPH MIECH, A.B., 1959

ROBERT JOSEPH NEWETT, B.S., St. Joseph's College (Indiana), 1959

SISTER MARY PHYLLIS ESSER, B.S., St. Joseph's College (Indiana), 1957

WAI MUN SYN, B.E.E., M.S., Georgia Institute of Technology, 1951, 1952

DOUGLAS HENLEY TAYLOR, B.S., University of Cincinnati, 1959

MASAMI WAKAE, B.S., Tokyo University of Education, 1958

LYMAN JOHN WILMOT, B.S., 1959

In Mechanical Engineering

JYOTIRMOY BANERJEE, B.S., B.S. (Engineering), Benares Hindu University, 1948, 1955

DANIEL GENE BARBEE, B.S., 1959

MARTIN PINEDA BONOAN, B.S., Ateneo de Manila, 1957; B.S., De La Salle College, 1959

JOHN STEPHEN BUTLER, B.S., 1959

ORVEL WILLIAM CLAUSEN, B.S., 1956

ROY FRANZ GOERN, B.S., 1958

JAMES HAROLD HEALY, B.S., 1958

GLENN FREDRICK HOHNSTREITER, B.S., 1959

JOHN ARTHUR HULTBERG, B.S., 1958

ROBERT ARTHUR MEDROW, B.S., 1959

SULAIMAN MODI, B.Eng., University of Madras, 1950

DAVID CLAUDE O'BRYANT, B.S., 1958

HARGOVINDBHAI BRIKHAHBHAI PATEL, B.Eng., Maharaja Sayajirao University of Baroda, 1959

NITYANANDA PATNAIK, B.S., Ravenshaw College, 1949; B.Eng., University of Poona, 1953

DARAYES NORSHIRVAN PESTONJI, B.Eng., University of Mysore, 1955

HENRY WALES PRICE, JR., B.S., 1953

SUBBIAH RAMALINGAM, B.Tech., Indian Institute of Technology, 1956

HOWARD LEROY SCHMIDT, B.S., 1957

KARFURAPU SUBBRAHMANYAM, B.Eng., Andhra University, 1953

CHOR-WENG TAN, B.S., Evansville College, 1959

SHIN-TEE TUAN, B.S., National Taiwan University, 1956

EUGENE TSENG-LIN TUNG, B.S., National Taiwan University, 1957

BOVORNSAK VATHAYANON, B.S., University of Texas, 1959

JEOU-HWA WANG, B.S., Taiwan Provincial Cheng Kung University, 1957

In Metallurgical Engineering

DONALD ROBERT BEAMAN, B.S., 1958

ROY WILLIAM DIESNER, B.S., 1956

KAYE ALLAN JOHNSON, B.S., 1958

MARSHALL DUANE MEYER, B.S., 1959

In Microbiology

STEPHEN BRUINGTON NEWTON, A.B., University of Missouri, 1956

In Mining Engineering

DANIEL BRONKHORST, Min.E., Technological University of Delft, 1959

In Music Education

GLEN LOREN FERGUSON, B.S., 1960

JAMES EDWARD FULLER, B.S., 1957

RICHARD HOMER JACOBY, B.F.A., University of South Dakota, 1957

GEORGE DAVID TOWNSEND, B.S., 1954

In Nuclear Engineering

ALAN MICHAEL BAXTER, B.A.Sc., University of Toronto, 1959

LEO JOSEPH GRIKE, JR., B.S., Drexel Institute of Technology, 1959

HASSAN ABDEL HALIM HASSAN, B.E.E., Cairo University, 1957

JAMES WILLIAM KUTCHER, A.B., Yale University, 1959

ROGER CARRINGTON NICHOLS, B.S., 1959

ARTHUR PETER RAYMOND III, B.S., Loyola University (Louisiana), 1957

DAYTON DOYLE WITTKE, B.Eng.Sc., Brigham Young University, 1956

In Physics

JOSEPH RICHARD ASIK, B.S., Case Institute of Technology, 1959

THOMAS POWELL BAKER, JR., B.S., Baylor University, 1956

JACK BASS, B.S., California Institute of Technology, 1959

DAVID NEVILLE BATCHELDER, A.B., Williams College, 1959

- JOHN WILLIAMS BURTON, B.S., Carson-Newman College, 1959
 MICHAEL JOHN COSTA, B.S., M.S., Columbia University, 1953, 1954
 ROBERT CHARLES DIMICK, B.S., Beloit College, 1959
 DAVID RUSSELL EVANS, A.B., Oberlin College, 1959
 GEORGE PHILLIP FISHER, B.S., Massachusetts Institute of Technology, 1959
 JUDITH ROSENBAUM FRANZ, A.B., Cornell University, 1959
 ALLAN RICHARD HOFFMAN, B.E.P., Cornell University, 1959
 BERNARD ROBERT JOHNSON, B.S., Gonzaga University, 1957
 GORDON LEON KANE, A.B., University of Minnesota, 1958
 JOHN FRANCIS KRAMER, A.B., Miami University, 1959
 DAVID CHAPMAN LANGRETH, B.S., Yale University, 1959
 DAVID MAYNARD LINEKIN, B.S., University of Maine, 1959
 EUGENE JOSEPH MANISTA, B.S., Case Institute of Technology, 1959
 ROLLIN JOHN MORRISON, A.B., Ohio Wesleyan University, 1959
 SANG BOO NAM, B.S., Seoul National University, 1958
 JOHN ROBERT O'FALLON, B.S., St. John's University, 1959
 JOSEPH CHUL-HUI PARK, B.S., Massachusetts Institute of Technology, 1959
 JOE HENDRIK PIFER, A.B., University of Buffalo, 1959
 JAMES JENNINGS RHYNE, B.S., University of Oklahoma, 1959
 DAVID COOKE RORER, B.S., Massachusetts Institute of Technology, 1959
 RAYMOND JOSEPH SARWINSKI, B.S., 1960
 JAMES DAVID SIMPSON, B.S., Massachusetts Institute of Technology, 1959
 AMARJIT HARNAMSINGH SINGH, B.S., University of Bombay, 1959
 KYAW MYA THEIN, B.S., 1959
 BERNARD WILLIAM WEHRING, B.S.E. (Mathematics), B.S.E. (Physics), University of Michigan, 1959, 1959
 ROBERT WARREN WHALIN, B.S., University of Kentucky, 1959
 VAN STANLEY WHITIS, B.S., Texas Technological College, 1959
 WILLIAM ROY WILKES, A.B., DePauw University, 1959
 ROBERT HARRY WILLSON, B.S., 1959
 DAVID STRAND WOLLAN, A.B., Amherst College, 1959
 CHARLES NOLLOTH WOOD, B.S., University of Cincinnati, 1957

In Radio and Television

- JOHN FRANKLIN GREENEISEN, B.S., Ohio State University, 1955
 BILDAINE WHITING YOUNG, A.B., University of Kansas, 1948

In Recreation

- ESTHER ROWENA NELSON, B.S., University of Pennsylvania, 1951
 WILLIE SHERROD SMITH, B.S., West Virginia State College, 1958

In Sanitary Engineering

- JOHN MARLIN LONGLEY, B.S., University of Maine, 1951

In Statistics

- ADNAN FARHAN IFRAM, B.S., American University of Beirut, 1959

In the Teaching of Biological Sciences and General Science

- WILLIAM JOHN SCHAUAMANN, JR., B.S., 1957

In the Teaching of Mathematics

- LEN STUBY, B.S., Eastern Illinois University, 1958

In the Teaching of Physics

- EDSEL MILTON LANGDON, B.S., Ball State Teachers College, 1953

In Theoretical and Applied Mechanics

- KENNETH RONALD BOCKMAN, B.S., University of Idaho, 1958
 HAN-CHUNG WANG, B.S., National Taiwan University, 1956

In Veterinary Medical Science

- MERLIN LEMOYNE KAEBERLE, A.B., University of South Dakota, 1950; B.S., D.V.M., Colorado State University, 1952, 1954

In Zoology

LLOYD MILTON HARRIS, B.S., Tuskegee Institute, 1958

Degree of Master of Music

NORMA JAYNE MURVIN BIGGERS, B.Mus., 1953

SALVATORE ANTHONY DI MASE, B.Mus., University of Colorado, 1957

RICHARD WRIGHT ELY, B.Mus., Montana State University, 1956

BEVERLEY KAY WOLFORD HARDESTY, B.Mus., Ohio State University, 1958

VIRGINIA KATHERINE KELLOGG, B.Mus., Eastman School of Music, 1957

BARBARA ENGLISH MARIS, B.Mus., 1958

JAMES CARL TENNEY, A.B., Bennington College, 1958

Degree of Master of Education

THELMA JEAN BROWN, B.S., Indiana University, 1954

STANLEY FREY CAMPBELL, B.S., 1951

ELVIA STICKEL CARLINO, B.Ed., Illinois State Normal University, 1935

SHIRLEY ERWIN DAY, B.S., Central College (Missouri), 1957

JOHN ARNOLD DICKSON, B.S., 1958

GEORGE HENRY DRESCH, B.S., 1956

JAMES DUNN FLYNN, B.S., 1959

SANDRA DEATLEY GREENHALGH, B.S., Eastern Illinois University, 1955

CHARLES ROBERT HAMILTON, B.S., 1951

ERMA QUICK INGRAM, A.B., Central Y.M.C.A. College, 1943

THOMAS RONALD JENSEN, B.S., Brigham Young University, 1958

EDWARD CHARLES KNOP, JR., B.S., Southern Illinois University, 1951

ALFRED SOREN KOLMOS, B.Ed., Wisconsin State College, 1957

LESLIE EARL MARTIN, A.B., McKendree College, 1958

ELLA LEE MARTIN MCCUMBER, B.S., Eastern Illinois University, 1958

NANCY AEBERLY MCHENRY, B.S., Purdue University, 1951

JAMES FRANKLIN MICK, B.S., Southern Illinois University, 1955

ROBERT JAMES MIEURE, B.S., Eastern Illinois University, 1954

EMERSON CLAY MOORE, JR., B.S., 1957

MARY ELIZABETH MOORE, B.S., 1959

JOHN RICHARD MYLIN, B.S., Parks College of Aeronautical Technology of St. Louis University, 1948

DAVID FLOYD OLSON, B.S., Illinois State Normal University, 1958

FREDA IRENE OSTHOFF, B.S., Baldwin-Wallace College, 1950

RICHARD ALLEN RANDALL, B.S., Southwest Missouri State College, 1957

ELIZABETH SOPHIE REENTS, B.S., Northern Illinois University, 1954

BARBARA LORRAINE RICHARDS, B.S., Illinois State Normal University, 1960

DWAYNE EUGENE ROE, B.S., Eastern Illinois University, 1953

KAYETTA SINKS, A.B., 1960

CAROL JEAN SOUHRADA, B.S., Bradley University, 1957

HAROLD MELVIN STOGSDILL, B.S., 1947

WILMA NELSON TINKHAM, B.S., University of Minnesota, 1952

DAVID RANDALL WALKER, B.S., 1957

JANET LEE WILKINSON, A.B., Greenville College, 1959

RUTH COLE WILLIAMS, A.B., Rust College, 1954

Degree of Master of Architecture

ROSS THOMAS POTTER, B.Arch., 1959

CHALERM SOOTCHARIT, B.Arch., Chulalongkorn University, 1956

Degree of Master of Accounting Science

MARCO EMILE TONIETTI, Licenciante, Baghdad College of Commerce and Economics, 1957

CORNELIUS VERHOOG, B.S., 1959

Degree of Master of Commerce

RONALD KNUTE GREEN, B.S., 1957
CARL JOSEPH MESKIMEN, B.S., 1959

Degree of Master of Television

CHARLES LOREL RASBERRY, B.S., Arkansas State College, 1956

COLLEGE OF AGRICULTURE**Degree of Bachelor of Science***In Agriculture*

WALTER HENRY ALBERS, JR.
WILLIAM PAUL BECKMAN
JAMES LEE BRYANT
RONALD FRANK CHRISTENSEN
RICHARD LEE DUESTERHAUS
ROBERT WILLIAM DYCERT
WILLIAM MAXHAM EDWARDS
ROBERT JAY FILIP
BOBBY GENE FRY
JOSEPH WILLIAM GAUNT
KENNETH ALAN GEHLER
RUSSELL MERLE GERARD
JERRY DUANE HAY
LYLE DEAN HEIT
JOHN EDWARD HERRMANN
DONALD EDWARD HOBBS
ALFRED CLARK HUNT
LINDELL JAY LOVELLETTE

DAVID RALPE MASSIE
RICHARD ALAN MCWARD
JOHN WILLIAM MONROE II
JOSEPH EUGENE NIXON
ELDRED GENE OLSON
MERRILL GLENN ORNS
JOSEPH GEORGE PETERS
RICHARD BERNARD PETROWICH, High
Honors
LEO JOHN PHELAN
BLAINE EARL SHOEMAKER
GORDON LEE SISSING, Honors
ROBERT BENTON SWANSON, High
Honors
ROBERT CLIFTON THATCHER
THOMAS RHEA WILES
RICHARD GUY WILSON

In Dairy Technology

JOHN WARD HOCKING
JOSEPH ALBION MERRIELL

DONALD RIENZI YEAZEL

In Floriculture

JAMES DONALD HAYWARD

CARL HENRY KLEHM, Honors

In Floriculture and Ornamental Horticulture

LAWRENCE LEON HOYLE

In Food Technology

RICHARD EARL DENNIS

RICHARD ALLEN JACOBS

In Forestry

LARRY WAYNE BAILEY, Honors
JAMES MELVIN CLAYTON

ROBERT MARSHALL LEE

In Home Economics

MARGARET ALLEN
DAWN CAROL ANDERSON
CAROLYN ROSANN CURTIS
MARY ANNE FRIES
ALICIA LAIBLE GINGRICH, Honors
MARGUERITE McGRATH GUIDO

GAIL PATRICIA KUSENDA
CAROLYN RUTH LINDSTROM
SARA JANE PEARMAN
JEAN RAE PRACHAR, Honors
MARILYN EADS SWINFORD
NANCY ELIZABETH WILSON

In Home Economics Education

PATRICIA ANNE ANDERLE
NORMA JEAN KOTTER DILWORTH
CAROL LANE HALL, High Honors

BECCA LOU HOSFORD
VICCI LEE YOUNG

In Restaurant Management

MALCOLM BIGNEY MACLEAN

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

PHILIP LOUIS AU-YOUNG
ARNOLD BRAMSON
MICHAEL JOHN BREZA
GEORGE ROBERT CARRUTHERS
ROBERT JOHN CONWAY
EDWIN KENT DAVIS
RONALD JOHN DE MURI
ZANE GERBER
RICHARD LEWIS GRANT
PAUL HENRY HASZ
LESLIE DEAN KAMPSCHROER
MARVIN CHARLES KEMPF
THEODORE JOSEPH LADEWSKI
THEODORE JOSEPH LANGLET
ROGER WESLEY LEE

JOHN LAWRENCE LEIDENHEIMER, JR.
RIMANTAS LIAUGMINAS
ROBERT HAUSCHILD LIEBECK
FRANK ALBERT LOLLAR, JR.
PHILLIP MICHAEL McLAUGHLIN
CHARLES LINDEN MILLER
KENNETH GEORGE MILLER
PHILLIP ROSS MONZO
WILLIAM HUGH NORRIS
ROBERT STEVEN PATRICK
HAROLD JOHN SCHMIDT
NEIL WARREN STERLING
RONALD JOE TOLLIVER
JAMES HENRY WOODRUFF
KENNETH STANLEY ZWIERZ

In Agricultural Engineering

PAUL WILLIAM ANDERSON
GERMÁN ARIAS VÉLEZ
DAVID MILTON ASH
LOREN PETER BOPPART, Honors
KAMAL DOW MAOUAD

ROBERTO HERNÁNDEZ POLO
DAVID RALPH MASSIE
WILBUR LLOYD RENKEN
ORVILLE CARL TESKE

In Ceramic Engineering

RICHARD MARTIN BROWN
LARRY LEE FEHRENBACHER

ROBERT GENE PARKERSON

In Civil Engineering

FAWZI NIMER ABU NIAAJ
ALI HAMED KHADER AHMAD
RICHARD HENRY ATKINSON
FRANK AVILA, JR.
ADNAN SHEHADEH AWAD, Honors
GERALD RALPH BACUS
JOHN SCOTT BEEBE
RONALD EUGENE BRANDAU
KENNETH RAY BROCK
MORTON LEN BROWN
DONALD DWAIN CONROY
MILTON CARL DRECHSEL, Honors
WILBUR LAWRENCE DUNN
KURT SELIM DZINICH
JOHN EBERS
RICHARD J. ECKHARDT
ROY TADASHI EGAWA
THOMAS ANTHONY FREDRICKSON, JR.
GABRIEL GALVIS CERRA
JOHN MARSHALL GILL
NORMAN LEONARD GLENN
RONALD ROY GRANQUIST
EDWARD IAN HARMELIN
ROBERT RALPH HARMS
WILLIAM REX HEACOCK
GEORGE CHARLES HOFF
ARTHUR THOMAS HORKAY
EDWARD JERMENC
CLAUDE DERRELL JOHNSON
OLEH GEORGE KARAWAN
CARL PAUL KLAUS
ANDREW CHARLES KOWALSKI

LEON KONSTANTY KOWALSKI
CHARLES WALTER LARSEN
BURTON CHARLES LIFMAN
THADDEUS RONALD MACHNIKOWSKI
DONALD DOMINIC MAGURA, High Honors
ROBERT ARTHUR MARKS
NEAL JAMES MARTIN
JAMES ROBERT MATTHEWS
DONALD LEE McGRATH
JOHN BAKER McKEON
WILLIAM NELSON McKINNERY, JR.
JACK STEPHEN MEECE
JAMES CHRISTOPHER MOESE
BIJAN MOHRAZ
PHILIP ELMER NELSON
WILLIAM THOMAS OLSEN
ALVARO PARDO SANCHEZ
LOREN WAYNE PEPPE
DICK ALFRED PETERSON, Honors
VICTOR JOHN POLICH, JR.
GEORGE EDWARD REITZ, JR.
JOHN VELAMIR SARICH
HENRY EARL SEVERSON
LARRY LEONARD SORENSON
ALFREDO SOTO MALDONADO
THOMAS JOSEPH SZYSKA
ROGER STEWART TANSLEY
ALGIS ALEXANDER TURNER
HARRY KENNETH WINDLAND
NEJDE FIAY YAGHOUBIAN

In Electrical Engineering

JOSEPH JOHN ADAMS	PETER TAKIS KOLLINTZAS
BEN ALEXANDER	JOHN KONG
RICHARD FREDERICK ALEXANDER	CHARLES MARTIN KORECKY
FRANK CAESAR ALTERIO	JOHN FRANK KUBAYKO
LAWRENCE BRENT ANDERSON	DONALD CASIMER KURAS
EDWARD EISHO ASATO	JAMES LEE LAUDE, Honors
LANCE JOSEPH BACHLI	SAMUEL PETER LAZZARA
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THOMAS EDMOND BAPTIST	JAMES JOHN LISS, Jr.
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REGINALD EUGENE BEAN, Honors	DANIEL JEREMIAH MCGOWAN
DAVID DOMINIC BERTETTI	DUANE PAUL MEALEY
RICHARD LEE BIBY, Honors	SANTE LOUIS MONTY
BERNARD WENDEL BISHOP	DANIEL WAIT MURPHY, High Honors
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RAYMOND DALE CUNNING	MICHAEL ROTOLO, Jr., Honors
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VEARL JOSEPH DILLON	RALPH OTTO SCHMIDT
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ROY ELMER DODD	BORIS LEROY SEIDEL, Honors
STEVEN GEORGE DORFMAN	BILLY JOE SHAFFER
JAMES ANTHONY DUBECK	CHARLES JAMES SIMON
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KENDALL MORGAN FUGATE	RICHARD HALL THAYER
WILLIAM LEE GILL	ROBERT JEROME VALEK, High Honors
GEORGE FRANKLIN GOODALL, Honors	ALFONSO VIDES GÓMEZ
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ALOYSIUS JUODAKIS	DAVID CHARLES YATES
EDWARD HIDEO KAIURA	LARRY WAYNE ZIMMERMAN, Honors
ERNEST CHRIST KARRAS	
DALLAS DWAYNE KITTLE	
MARTIN JOHN KNOTT	

In Engineering Mechanics

RALPH LEONARD HENRIKSON	GRANT WESLEY REICHARD
CHARLES RAY LARSON	PHILLIP DIETRICH SCHWIEBERT, High Honors
CAEL LAMONT LINKINHOKER	

In Engineering Physics

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ALLAN RUSSELL BARGER	CHARLES EDWIN WISWALL
KENNETH EDWARD JESSE	HARUO YANAGISAWA
AUGUST HARRY KRUEGER	

In General Engineering

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JAMES DE COCKER
DONALD PATRICK DOHERTY
DENNIS JOSEPH DULIN
ARNOLD JOHN FREUND
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WALTER RONALD RYDER
ROBERT ALLEN SMITH
CRAIG WASSON SOULE
ROBERT WILLIAM TATE
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RONALD LOUIS CROOK
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NUNZIO CHARLES DiBATTISTA
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GERALD DUANE EMBRY
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WILLIAM CHARLES FUCHS
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GEORGE GREGG, Honors
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JOHN VINCENT KANE

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STANLEY DONALD MCINTYRE
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RICHARD JOHN LOTTER
FREDERICK EARL MUELLER
DANIEL LEWIS STOLTZ
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LARRY LEE BOWLES
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SUSAN DODGE COLWELL
ROBERT MARIE EMILE DERUYCKE
VIRGINIA GALLAHER ELLIS
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SETSUKO GLORIA ENDO
KUANG TII FAN
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JOHN FRANELIN WELD
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LORETTA HELEN ALFONSI
 JANE STUTZ HELMS, Honors in Liberal
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 ALMA LOUISE MIDDLETON
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 in Liberal Arts and Sciences with
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 Distinction in the Curriculum
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NADINE ELIZABETH COVERT, Honors in
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 in the Curriculum

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RITA SCHUBERT TERRAS

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CHARLES MAUZEY LeCRONE

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VINCENT ANTHONY GIAMALVA
 MARIO DONATO SALTARELLI, Honors in
 Liberal Arts and Sciences with
 High Distinction in the Curriculum

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MARYLOU KOFOID

Degree of Bachelor of Science*In Chemical Engineering*

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 WILLIAM JOSEPH GALLAGHER
 WILLARD PAUL GLEASON
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 Arts and Sciences with Highest
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 GEORGE RICHARD LAPPIN

JAMES CALVIN LOBLAW, Honors in
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 Distinction in the Curriculum
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 Highest Distinction in the
 Curriculum
 ARTHUR LEONARD MALACKY, Honors in
 Liberal Arts and Sciences with
 Highest Distinction in the
 Curriculum
 WALTER RICHARD SCHMEAL, Honors in
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In Chemistry

ARTHUR CURTIS ADAMS, Honors in
 Liberal Arts and Sciences with
 Highest Distinction in the
 Curriculum
 JOHN WILLIAM EHRMANTRAUT, Honors
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 LESLIE JAMES STORY

In Liberal Arts and Sciences

ANNETTE BETTE ALONZO
 DAIVA SYLVIA BLINSTRUBAS
 EDWARD HAMILTON BON DURANT
 WILLIAM EARL BRIESER
 CHARLES JAMES CERNIGLIA
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 FRANCIS PAUL DOHM

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 ROBERT WILLIAM HANSEN
 JEROME HELLER
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HENRY VERSCHAY ISAACSON
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 VALENTINA TERESA LOLANS
 STUART HOWARD MANN
 ROBERTA LYNNE MAURER
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 RONALD ROYCE PAGE
 JAMES CLARENCE RAPP
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 Arts and Sciences
 MONICA ANN SIEWERT, Honors in
 Liberal Arts and Sciences
 ARTHUR CHESTER SINGER
 KENNETH SLONINA
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 TUN THEIN
 DONALD CORNELIUS ULRICH
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 Arts and Sciences
 DANIEL RICHARD VELLENGA
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In Physics

ROGER MARVIN COOPER
 GEORGE T. DAUGHTERS, Honors in
 Liberal Arts and Sciences

SAM SELF NARKINSKY, Honors in
 Liberal Arts and Sciences

In the Teaching of the Biological Sciences and General Science

SANDRA JO CURTIS, Honors in Liberal
 Arts and Sciences with Distinction
 in the Curriculum
 MARIA NIJOLE GALBUOGIS, Honors in
 Liberal Arts and Sciences with
 Distinction in the Curriculum

WAYNE CHARLES KERCHNER
 MARCIA ANN STARVEL
 SUSAN ROGERS WHITE

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DAVID LOREN BOGARD

In the Teaching of Mathematics

ROBERT ALLEN CHEATHAM
 CLAUDIA MAE GOLDMAN, Honors in
 Liberal Arts and Sciences
 CHARLOTTE MILSTEIN LEVENTHAL,
 Honors in Liberal Arts and
 Sciences

ALAN BRUCE LOPATKA
 ORA LEE MUTCHEMORE

COLLEGE OF LAW

Degree of Bachelor of Laws

JOHN CARL BERGSTROM, A.B., 1959
 HAROLD EDWARD COLLINS, B.S., 1958
 ROGER MILLER FITZ-GERALD, B.S., 1957;
 Honors
 GEORGE HENRY FLEERLAGE, A.B., South-
 ern Illinois University, 1953
 JOHN JOEL HATTERY, A.B., State Uni-
 versity of Iowa, 1956
 JAMES ELBERT HERGET, A.B., 1956
 JAMES EDWARD MAZURE, B.S., United
 States Merchant Marine Academy,
 1954

ALYCE TALLMAN NEFF, A.B., 1958
 GANT REDMON, B.S., 1959
 JOHN STEPHEN SIMON, B.S., 1955
 LAWRENCE ANTHONY SMITH, JR., B.S.,
 1958
 LLOYD L. SPEER, JR., B.S., Michigan
 State University, 1956
 JAMES CHARLTON SPELMAN, A.B.,
 Michigan State University, 1954
 LEON CHARLES WEXLER, B.S., 1957

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

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 SHARON LOIS GINSBERG
 ERNEST MARK HANSON
 RICHARD LEE HUTTER

RAYMOND LEWIS LAMBERT, JR.
 SULEYMAN CETIN OZUGLU
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 DEBORAH PAULA ROTHOLTZ

In the Education of Mentally Handicapped Children

LEAH STOLMAN BRANSKY

In Elementary Education

LOIS ANITA ABRAMS
LORNA KAREN ARMSTRONG
JANET LYNN BECKER, Honors
PHYLLIS HELEN DANNELLS
GRAZINA GUDAITIS, Honors
SHARON JOY HOFFING
IRYS BETTE KOGEN
CAROLE ROEN KOVICK, High Honors
PEGGY MAE KURZWEG
ALICE FISHER LOVELLETTE, Honors
CAROL SUE MARSHALL
MARY ANN MCCABE MITCHELL
CAROLE HIRSCH MUSSMAN

PATRICIA ANN O'LOUGHLIN
HAZEL DOBSON O'NEAL
SANDRA DUKE PETERSON
DORINDA CAROL PIERCE
ELAINE POPOVICH
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SANDRA HAESE ROMAN
DOREEN PAULA SANDAU
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KATHRYN DUDUIT SLATER
JUDITH SLONIM
MARGARET DIANE TROCHIO
MARY ELLEN WININGS

In Industrial Education

DAVID LEE CADWALLADER
GARY DEAN HACKER
BERTRAND WILSON HENNE
JIMMY ROSS HOWE
DONALD EDWARD KENNEY

KELVIN KAY MOELLER
JON HUBERT REGNIER
TERRY WILSON SHERMAN
CHARLES WINSHIP SWINFORD
FRANKLIN ARTHUR ZINKY

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

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ALVIN BARASCH
ROBERT FRED BARSKY
GEORGE KEITH CADDY
DUANE CHARLES DENNHARDT
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ROY RUDOLPH ERICKSEN
JAMES RODNEY FRAHER
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In Accountancy and Management

THOMAS RALPH ANDERSON, Honors in
Accountancy

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JON DAVID HARTMAN, Honors
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HOWARD HYMAN WALKER

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ANITA JEANNE ELDER
MARCIA DELPHINE JANIS

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GEORGE WILLIAM LEHMANN, High
Honors
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THOMAS ALAN MCCOWEN
MICHAEL LEWIS ORLOVE
LEON CONRAD REIVITZ
EUGENE ARNOLD SANTI
CHARLES ANDERSON YANTIS

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ROGER HERBERT BROOKS
ALLEN LEE DOUGHERTY
JOHN ARTHUR GREATHOUSE
HENRY DAVID HILL, Honors
DURTON LICHTERMAN

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JOHN RONALD REUTTER
IRA LAWRENCE RICHARDSON, Honors

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JUDITH ANN SCHMIDT
ROBERT EDWARD SCOTT
RONALD WAYNE WHITE

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PAUL WALTER CELMER
HAROLD LEWIS DVORIN
FORREST ELSWORTH EVANS
WAYNE KERMIT FARWELL
EDWIN GEORGE FURTNER
FLOYD WILLIAM HALLBERG
JOSEPH DALE HILL
EDWARD ROGER HORSKY

LOUIS LAWRENCE LANDT
WILLIAM FREDRICK LANGE
RICHARD WILLIAM MASON
DENNIS WILLIAM MCNICHOLS
DAVID WILLIAM MINSTER
CHARLES DAVY NICHOLS
WILLIAM EARNEST CLARENCE SCHWEBKE
CHARLES ALLAN SOMMER
BERNARD PHILIP SWIONTEK, JR.

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JAMES LEWIS BECKMANN
WILLIAM FREDERICK BRYANT
ROBERT JAMES CHISEK
NANCY GARDNER GUYTON
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ALFRED HENRY WEISSENSTEIN

In Secretarial Training

BEVERLY BLACK DERRY

BARBARA LEE ENGQUIST

In Urban Land Economics

WILLIAM FREDERICK LANDSEA

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Communications

JOHN MANFORD ATTEBERY
MYRON DAVID BERMAN
HAROLD DARRELL BLUE
THOMAS BROWN IV
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CAROLYN JOYCE DAILY, Honors
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CLIFFORD EUGENE HELFRICH

GERALD WAYNE LANGKAMMERER
GERALD LEVIN
JACK RONALD MANLEY
CHARLES ANTHONY MICHAEL
JEROME HUBERT MORGAN
CAROL ELIZABETH PALMER
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DANIEL BENJAMIN RAGINS

MELVIN DALE RUNGE
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DENNIS DARRYL SWANSON

PETER DOUGLAS SWANSON
LINDA IDA TIMMEL
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COLLEGE OF FINE AND APPLIED ARTS

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MITSUGI ARUGA, Honors
BRUNO AST
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OTTAVIO RICHARD FINALDI
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RICHARD JOHN HANNA
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RONALD FRANCIS KOERNER
EDWARD PETER KOSTRZESKI, JR.
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PAUL JOHN MAGIEREK
RAYMOND CASIMER MATULIONIS
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DONALD BEEKMAN MYER
LOUIS JOSEPH NARCISI, High Honors
KENNETH RONALD NORLING
WALTER KAZUTO OJIMA
ERNST BENNO PHILIPPSON
ERNEST OTTO PORPS
JERRY RANDALL REICH
WILLIAM ARTHUR RUMSEY
JOEL ELI SCHECKERMAN
ROGER WARREN TINNEY
ROBERT LOUIS VARNES
ROBERT PAUL ZWEIFEL, Honors

Degree of Bachelor of Fine Arts

In Advertising Design

IVAN EARL SCHIEFERDECKER

RICHARD LYNDON THOMAS, Honors

In Art Education

SHEILA DAVIS, High Honors
MARGARET CYNTHIA JENNINGS

JOAN MARY WILSON

In Industrial Design

RANDALL PALMER BELL
PETER CHESNEY CARVETH
ROBERT WAYMAN CHASE
DONALD FRANCIS CLAUSSEN
ALAN HERBERT FRIEDMAN
JOHN WILLIAM HEIDREDER

MICHAEL STEVEN JOSS
MICHAEL NORRIS KRIOZERE
ROY TAKAAKI KUTSUNAI
WILLIAM JOSEPH SCHAEFER
JAMES HARVEY WRIGHT

In Painting

ERNEST FERNANDO DESOTO

MARILYN ELIZABETH MANN, Honors

Degree of Bachelor of Music

GERALD LEE HUTCHISON, High Honors
LARRY BURNETT TAYLOR

ELAINE HOLMES ZWICKY

Degree of Bachelor of Science*In Music Education*

PATRICIA LEACH CLAPPER
 MARILYN PETRINI HALL, Honors
 DONALD HENRY HEITLER
 NANCY MILLER JAMISON
 ROBERT BRUCE KUZMINSKI, Honors

LARRY WESTON MCCORMICK
 BARBARA WILLIAMS RAGUSA, High Honors
 BEVERLY ANN TOROK, Highest Honors
 DONNA LEE TREDREA, Honors

COLLEGE OF PHYSICAL EDUCATION**Degree of Bachelor of Science***In Health Education*

WILLIAM JAMES COOKE

JOHN GEORGE ELLSWORTH

In Physical Education

BEATRICE JANICE ANDREWS
 PATRICK JOSEPH BIRD
 WILLIAM AUGUST BONK
 JAMES ELMEN BROWN
 DONALD ALAN BUSH
 ROBERT JOSEPH BUSHNER
 BETTY JANE DYER
 RICHARD LAURENCE EBERHARDY
 TERRENCE JOHN GELLINGER
 JOHN ANDREW GREMER
 THOMAS FRANK HALLER
 GARY RODGERS KORTKAMP
 JOSEPH ANDREW KRAKOSKI
 DAVID VICTOR KROL

DAVID MACK MCCONKEY
 ERNEST MCMILLAN
 GERALD LEE MENZ
 GEORGE ROBERT NITSCHKE
 FRANCIS ANTHONY PASQUALE
 ROBERT FRANKLIN POLSTON
 JERRY DON RIVA
 HILDEGARD ELIZABETH SCHROEDER
 GILBERT JOHN STAWICK
 WAYNE ROEMISCH STEPHENS
 DONALD JOSEPH URBAUER
 LEONARD MILNES WINANS
 JERALDINE YOUNG

In Recreation

DANIEL PIERCE LEINBACH
 EUGENE EDWARD REED

CAROL JUNE SPEERS
 CARL WILLIAM STREMMEL, JR.

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS**Degree of Bachelor of Science**

DONALD KAY DUNKEL
 KARL LEO GREITER
 DAVID PRESCOTT MIDDLEMAS, Honors
 ROBERT THOMAS MURPHY

JIMMIE GALE TURPIN
 DONALD VREULS
 ROBERT JOSEPH WEILAND

COLLEGE OF VETERINARY MEDICINE**Degree of Bachelor of Science***In Veterinary Medicine*

JAMES CLINTON MILLER
 OLYN RAY MURPHY

WILLIAM JOHN DEE SMITH

Degree of Doctor of Veterinary Medicine

JOSEPH SZANTO

RESOLUTION OF TRIBUTE TO MR. WIRT HERRICK

Mr. Johnston offered the following resolution:

To Wirt Herrick

The Board of Trustees of the University of Illinois expresses and records its grateful appreciation of your services during the past twelve years as a member of this Board.

In your quiet, effective way, you have served at various times, and for long periods, on numerous Board Committees: the Committee on Agriculture for ten years, six of them as Chairman; the Committee on Athletic Activities for twelve years, eight as Chairman; the Committee on Buildings and Grounds for ten years; the Committee on General Policy for two years; the Committee on Patents, four years; the Committee on Nonacademic Personnel, six years. Your assignments have also included representation of the Board of Trustees of the University of Illinois on the Board of Trustees of the University Retirement System of Illinois and the Merit Board of the University Civil Service System. You have been generous in giving of your time and talents to these assignments.

The President and other administrative officers of the University desire to join the Trustees in commemorating this occasion which marks the close of your active service as a Trustee of the University of Illinois and in extending to you and Mrs. Herrick best wishes for the years that lie ahead.

The Board of Trustees directs that this resolution be incorporated in the minutes of today's meeting to become a part of the official public record, and that a suitable copy be given you as a permanent reminder of the esteem and affection in which you are held.

Urbana, Illinois

On the fifteenth day of February, one thousand nine hundred and sixty-one, and in the ninety-fourth year of the University.

Mr. Hughes asked to be recorded as seconding this resolution, and it was unanimously adopted.

CHICAGO UNDERGRADUATE DIVISION SITE SELECTION

Mr. Johnston, for the Committee on General Policy, presented the following report:

Members of the General Policy Committee met in Chicago, Friday, February 10, to receive information from the firm of Skidmore, Owings, and Merrill and later conferred with Mayor Richard J. Daley in regard to the city of Chicago's proposal to relocate the Chicago Undergraduate Division on a newly modified Harrison-Halsted Street site at the intersection of the Congress and South Expressways.

Following these meetings, and receipt of all available information regarding this site, the Committee reached the conclusion that the Harrison-Halsted proposal meets all major criteria originally established by the Board of Trustees in consideration of a site in Chicago.

Members of the Committee have now concluded that litigation on the Garfield Park site imposes too great a delay and that the Board should give no further consideration to this site. This is the same reasoning that was applied to the Rail Terminal site, which also met some of the criteria established by the Board.

The General Policy Committee fully realizes that if construction of new facilities is to be completed for occupancy by the fall of 1964, it is completely unrealistic that there be any further delay in the selection of a site.

Not only does the University desire to vacate leased facilities on Navy Pier by the fall of 1964, it also desires to meet, insofar as possible, the educational demands of the youth of Chicago, which will exceed the absolute capacity of Pier facilities prior to that date.

It is the Committee's conclusion that the Harrison-Halsted Street site not only meets all criteria, but that it has the important plus factors of availability, accessibility, and offers an opportunity to contribute to a civic development in Chicago of major importance.

The Committee therefore recommends the Harrison-Halsted Street site for relocation of the Chicago Undergraduate Division as offered by the city of Chicago. The Committee further recommends that the President of the University be authorized to develop a memorandum of understanding between the University of Illinois, the city of Chicago, and the Chicago Land Clearance Commission. Such memorandum shall be submitted to the Board of Trustees for approval at a subsequent meeting.

On motion of Mr. Johnston, this report and recommendation were adopted by the following vote: Aye, Mr. Clement, Mr. Harewood.

Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none, absent, Mr. Herrick, Mr. Kerner.

STATEMENT CONCERNING HULL HOUSE

During the discussion of the report of the Committee on General Policy on the offer of the city of Chicago of the Harrison-Halsted Street site for the Chicago Undergraduate Division, and prior to official action by the Board accepting said offer, Mr. Clement raised a question about the future of Hull House. He stated that a decision on this should be made very carefully and that he personally would like assurance that there will be preserved perhaps some part of the Hull House installation.

President Henry replied that it was the understanding with the city that the University would have a cleared site so that University buildings could be arranged to best advantage and that in accepting the offer of the Harrison-Halsted site the Board of Trustees was informed that the city would do everything possible to cooperate in providing for continuation of the work of Hull House regardless of its location, and that the architects have been instructed to consider ways and means of suitably memorializing Hull House, its work, and the great tradition it represents.

Mr. Irving Dilliard, Trustee-elect, stated during this discussion that he would like to make a few remarks about Hull House but would withhold them until after the voting. He now addressed the Board briefly on the work of Jane Addams, the history of Hull House and its significance as a social welfare institution which was responsible for much constructive legislation. He urged in particular that the Hull Mansion, the original building of the Hull House group, be preserved. A transcript of his statement has been filed with the Secretary of the Board.

On motion of Mr. Swain, the Board voted that no steps be taken to remove Hull House until the Board has a chance to investigate further.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations and cancellations; (4) leaves of absence; (5) cancellation of sabbatical leave of absence; (6) retirements.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

BAKONY, HEDWIG C., Clinical Instructor in Psychiatry (Medicine), $\frac{3}{8}$ time, eight months from January 1, 1961, \$4,560 a year, supersedes (1-16-61).

BARR, THOMAS R. B., Instructor in the State Natural History Survey, $\frac{1}{4}$ time, one month from January 1, 1961, \$383.33 (1-16-61).

BLUM, ALAN F., Instructor in Social Sciences (Chicago Undergraduate Division), $\frac{1}{2}$ time, February 1-June 30, 1961, \$186.80 a month (2-1-61).

BOULTON, EARL M., Research Assistant in Psychiatry (Medicine), eight months from January 1, 1961, \$4,650 a year (1-12-61).

BUSSELL, ROBERT E., Assistant in Psychiatry (Medicine), one year from July 1, 1960, without salary (1-21-61).

CARD, LESLIE E., Associate Coordinator of International Cooperation Programs (Provost's Office), December 27, 1960-August 31, 1961, without salary (1-20-61).

CARTER, GERALD C., Professor of Psychology (Extension Division), indefinite tenure, and Assistant Dean of the Division of University Extension, January 15-August 31, 1961, \$13,000 a year, supersedes (1-16-61).

CHAN, SHU-PARK, Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, February 1-June 15, 1961, \$288.89 a month, supersedes (2-1-61).

CHEEMA, MOHAMMAD ASLAM, Instructor in Surgery (Medicine), $\frac{7}{10}$ time, six months from January 1, 1961, \$350 a month, supersedes nonsalaried appointment (1-16-61).

- COST, JAMES R., Research Assistant in Theoretical and Applied Mechanics (C), February 1-June 15, 1961, \$444.44 a month (1-28-61).
- CRONBACH, LEE J., Professor of Education (Bureau of Educational Research), indefinite tenure from September 1, 1960, \$19,400 a year, for services on a twelve-month basis; on sabbatical leave of absence, with full pay, from September 1, 1960, through February 28, 1961; from March 1 through August 31, 1961, his salary will be paid from grant funds—United States Public Health Service M1839 (46-20-50-367), supersedes (1-9-61).
- CULBERTSON, DON S., Assistant Information Systems Specialist in the Library (Chicago Undergraduate Division), six months from January 1, 1961, \$7,000 a year, supersedes (1-16-61).
- CUNNINGHAM, MRS. ELIZABETH S., Assistant in Nursing, January 3-August 31, 1961, \$5,500 a year (1-28-61).
- DODDS, MRS. DORIS F., Acquisition Assistant in the Library, seven months from February 1, 1961, \$5,200 a year (1-21-61).
- EVANS, ROBERT W., Administrative Assistant (Legislative Relations) in the President's Office, six months from January 1, 1961, \$9,000 a year; this is a continuation of his previous appointment (1-17-61).
- FALLENI, MAURO, Research Associate in the Digital Computer Laboratory, nine months from April 1, 1961, \$7,333.32 a year (1-21-61).
- FAN, NING SUN, Research Assistant in Chemistry, January 9-August 31, 1961, \$4,800 a year (1-21-61).
- FERRER, MRS. MARIANNE A., Visiting Lecturer in Economics, $\frac{1}{3}$ time, January 1-June 15, 1961, \$229.67 a month (1-28-61).
- FILIP, JOSEPH H., Associate Director of the Health Service (Chicago Professional Colleges), eight months from January 1, 1961, \$12,200 a year, supersedes (1-11-61).
- FISHMAN, WILLIAM E., Clinical Instructor in Medicine (Medicine), eight months from January 1, 1961, without salary (1-28-61).
- FITZGERALD, JAMES E., Instructor in Veterinary Pathology and Hygiene (Veterinary Medicine), $\frac{2}{3}$ time, January 16-August 31, 1961, \$4,650 a year (1-21-61).
- FOLEY, JEANNE M., Counselor in the Student Counseling Service, and Instructor in Psychology, in the Division of Social Sciences (Chicago Undergraduate Division), $\frac{1}{2}$ time, January 18-June 30, 1961, \$320 a month (1-7-61).
- FRANKMANN, MRS. JUDITH P., Research Associate in Psychology, $\frac{1}{4}$ time, six months from January 1, 1961, \$1,002 (1-28-61).
- FURUYA, AKIRA, Research Assistant in Biological Chemistry (Medicine), eight months from January 1, 1961, \$4,650 a year, supersedes (1-6-61).
- GARNER, STANLEY G., Assistant in Psychiatry (Medicine), one year from July 1, 1960, without salary (1-12-61).
- GARRISON, IVAN K., Visiting Lecturer in the Institute for Research on Exceptional Children, $\frac{1}{4}$ time, February 1-June 15, 1961, \$1,800 (1-28-61).
- GAVIN, CHARLES E., Clinical Instructor in Orthopaedic Surgery (Medicine), eight months from January 1, 1961, without salary (1-21-61).
- GDALMAN, LOUIS, Clinical Instructor in Pharmacy (Pharmacy), eight months from January 1, 1961, without salary (1-21-61).
- GOMOLL, ALLEN W., Instructor in Pharmacology (Medicine), six months from January 1, 1961, \$600 a month (1-11-61).
- GÖTZ, GERTRUD, Research Assistant in Chemistry, eight months from January 1, 1961, \$4,650 a year (1-21-61).
- GÖTZ, HANSMERTEN R., Research Associate in Chemistry, one year from March 1, 1961, \$5,700 (1-21-61).
- GROVE, PEARCE S., Acting Serials and Acquisitions Librarian, with rank of Instructor (Chicago Undergraduate Division), January 20-December 31, 1961, \$8,000 a year, supersedes (1-16-61).
- HANSCOM, DONALD H., Clinical Assistant in Medicine (Medicine), July 1, 1960-August 31, 1961, without salary (1-21-61).
- HENRY, JOHN P., Clinical Instructor in Medicine (Medicine), eight months from January 1, 1961, without salary (1-21-61).
- HICKERSON, NORRIS L., Research Assistant in Civil Engineering (S), February 1-June 15, 1961, \$500 a month, supersedes (2-1-61).

- HODGMAN, DONALD R., Associate Professor of Economics, on indefinite tenure, and Associate Member in the Center for Advanced Study in the Graduate College, March 1-August 31, 1961, to render service during the second semester of the academic year, \$10,000 a year, supersedes (1-28-61).
- HOGAN, JAMES J., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, February 1-June 15, 1961, \$272.22 a month, supersedes (2-1-61).
- HOLLOWAY, WILLIAM W., JR., Research Associate in the Coordinated Science Laboratory (C), February 1-June 15, 1961, \$585 a month, supersedes (2-1-61).
- HOWARD, FRANCIS M., Clinical Instructor in Orthopaedic Surgery (Medicine), 35/100 time, eight months from January 1, 1961, \$2,800 a year (1-11-61).
- KAMP, INEZ N., Research Associate in Plant Pathology (S), seven months from February 1, 1961, \$5,500 a year, supersedes (1-21-61).
- KATHAN, RALPH, Research Assistant in Biological Chemistry (Medicine), eight months from January 1, 1961, \$4,650 a year, supersedes (1-21-61).
- KINGSOLVER, JOHN M., Research Associate in the State Natural History Survey, eight months from January 1, 1961, \$6,000 a year (1-7-61).
- KLOCK, PAUL W., Instructor in Electrical Engineering (C), March 1-August 31, 1961, to render service during the second semester of the academic year, \$5,600 a year, supersedes (2-1-61).
- KOCH, MRS. HARRIET B., Instructor in Nursing, to render service during the second semester of the academic year, January 1-June 9, 1961, \$555.55 a month, supersedes (1-11-61).
- KOIK, JUTA V., Assistant Professor of Medicine (Medicine), and Physician in the Health Service (Chicago Professional Colleges), $\frac{3}{4}$ time, eight months from January 1, 1961, \$5,200 a year, supersedes (1-21-61).
- KONIE, JOSEPH C., Instructor in Fixed Partial Prosthodontics (Dentistry), $\frac{1}{2}$ time, January 3-August 31, 1961, \$3,500 a year (1-16-61).
- KRISHNA, JAI, Assistant in Farm Management (Agricultural Economics) (S), seven months from February 1, 1961, \$5,400 a year, supersedes (1-21-61).
- KUNDRAT, THEODORE, Instructor in Speech (Chicago Undergraduate Division), March 1-August 31, 1961, to render service during the second semester of the academic year, \$483.33 a month, supersedes (2-1-61).
- KUPER, CHARLES G., Research Assistant Professor of Physics (C), March 1-April 15, 1961, \$700 a month (1-16-61).
- LAMB, JOHN H., JR., Instructor in Civil Engineering (S), $\frac{1}{2}$ time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$233.33 a month; this is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Civil Engineering (2-1-61).
- LANGE, CHARLES, Instructor in Biological Chemistry (Medicine), $\frac{1}{2}$ time, eight months from January 1, 1961, \$1,300 a year, supersedes (1-28-61).
- LEE, DONALD A., Research Associate in the Coordinated Science Laboratory (C), eight months from January 1, 1961, \$8,200 a year (1-11-61).
- LEE, SHUN-KU, Research Associate in Theoretical and Applied Mechanics (C), March 1-August 31, 1961, to render service during the second semester of the academic year, \$416.67 a month, supersedes (1-16-61).
- LEICHTNER, GENE H., Assistant Professor of Electrical Engineering (C), $\frac{3}{4}$ time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$6,600 a year, supersedes (1-21-61).
- LOPEZ-BELIO, MARIANO, Assistant Professor of Surgery (Medicine), 95/100 time, eight months from January 1, 1961, \$8,200 a year, supersedes (1-16-61).
- LOW, LEONE Y., Instructor in Mathematics, March 1-August 31, 1961, to render service during the second semester of the academic year, \$500 a month (2-1-61).
- LUKER, CAROL W., Research Assistant in Microbiology, November 28, 1960-August 31, 1961, \$4,800 a year (1-21-61).
- MALINOSKY, ALFONSE T., Assistant to the Dean of the College of Commerce and Business Administration (Chicago Undergraduate Division), $\frac{1}{2}$ time, and Assistant Professor of Accountancy, June 23-August 18, 1961, \$778; this is in addition to his present appointment (1-28-61).
- MATHAI, KALEEKAL G., Research Associate in Botany, seven months from February 1, 1961, \$7,000 a year (1-28-61).

- MCGREW, ELIZABETH A., Associate Professor of Pathology (Medicine), and Associate Pathologist (Research and Educational Hospitals), indefinite tenure from January 1, 1961, \$15,600 a year (1-6-61).
- MCCNEIL, MRS. CECILY, R., Assistant Serials and Acquisitions Librarian, with rank of Instructor (Chicago Undergraduate Division), $\frac{1}{2}$ time, January 9-June 30, 1961, \$229.17 a month (1-28-61).
- MUKAI, KATSUNORI, Research Associate in Food Technology (S), seven months from February 1, 1961, \$5,500 a year (1-28-61).
- MULLER, BERTOLD, Research Associate in Chemistry, one year from January 16, 1961, \$5,700 (1-21-61).
- MUSLIN, HYMAN L., Instructor in Psychiatry (Medicine), $\frac{3}{4}$ time, eight months from January 1, 1961, \$9,000 a year (1-21-61).
- OLSEN, IRVING S., Instructor in Foreign Languages (Chicago Undergraduate Division), March 1-August 31, 1961, to render service during the second semester of the academic year, \$458.33 a month, supersedes (2-1-61).
- OLSON, ROY E., Assistant Professor of Civil Engineering (C), September 21, 1960-August 31, 1961, to render service during the academic year, \$6,300 a year, supersedes (1-6-61).
- ORMISTON, EMMETT E., Associate Professor of Dairy Husbandry (Dairy Science), two years from February 14, 1961, \$11,600 a year; this appointment is for service in India at Benares Hindu University, Varanasi, U. P., under Contract ICAC-1453 with the International Cooperation Administration; and Associate Professor of Dairy Husbandry (Dairy Science) (C), indefinite tenure from February 14, 1963, supersedes (1-28-61).
- OTTO, MARGARETE, Research Assistant in Chemistry, January 16-August 31, 1961, \$4,800 a year (1-28-61).
- PENHOLLOW, JOHN O., Research Assistant in the Digital Computer Laboratory, February 1-June 15, 1961, \$611.11 a month, supersedes (1-16-61).
- PUSZTASZERI, STEPHEN F., Research Assistant in Civil Engineering (S), January 14-June 15, 1961, \$422.22 a month (1-21-61).
- RAJAN, N. S., Assistant in the Radiocarbon Laboratory, February 16-June 15, 1961, \$2,140 (2-1-61).
- RAMACHANDRAN, SURYANARAYAN, Research Associate in Plant Pathology (S), January 16-June 30, 1961, \$2,750 (1-11-61).
- RAMALINGAM, S., Research Assistant in Mechanical and Industrial Engineering (C), February 1-June 15, 1961, \$444.44 a month (2-1-61).
- RAO, PILLARISETTY J., Instructor in Veterinary Pathology and Hygiene (Veterinary Medicine), $\frac{3}{8}$ time, December 20, 1960-January 31, 1961, \$383.33 a month; and Instructor in the State Natural History Survey, $\frac{3}{8}$ time, seven months from February 1, 1961, \$4,600 a year (1-28-61).
- REMEC, MATTHEW J., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, February 1-June 15, 1961, \$277.78 a month, supersedes (2-1-61).
- RIMBEY, DONALD H., Instructor in General Engineering (C), $\frac{1}{2}$ time, \$1,091.67, and Assistant Director of Central Office on the Use of Space (Provost's Office), $\frac{1}{3}$ time, \$2,183.33, total salary \$3,275, for six months from March 1, 1961, to render service during the second semester of the academic year, supersedes (1-21-61).
- RODDA, ERROL D., Research Associate in Agricultural Engineering (C and S), $\frac{1}{2}$ time, seven months from February 1, 1961, \$3,400 a year, supersedes (1-21-61).
- SALHAB, MUNEERA, Instructor in Medical Social Work (Medicine), January 1-August 31, 1961, \$5,800 a year (1-16-61).
- SCHNITZLER, HANS, Physician in the Health Service (Chicago Professional Colleges), $\frac{3}{10}$ time, January 4-August 31, 1961, \$3,000 a year (1-21-61).
- SCHULT, ROY L., Research Associate in Physics (C), seven months from February 1, 1961, \$7,200 a year (1-21-61).
- SCHULTHEISS, LOUIS A., Information Systems Specialist in the Library (Chicago Undergraduate Division), one year from January 1, 1961, \$10,000, supersedes (1-16-61).
- SCHWALBE, WILLIAM L., Professor of Theoretical and Applied Mechanics (C), $\frac{1}{4}$ time, February 1-June 15, 1961, \$300 a month (2-1-61).
- SCHWARZ, MARVIN, Assistant Professor of Psychiatry (Medicine), $\frac{1}{2}$ time, three months from January 1, 1961, \$541.67 a month (1-16-61).

- SHUMAN, FRANK H., Foreign Visitor Consultant in Agricultural Administration (College of Agriculture and Provost's Office), $\frac{1}{4}$ time, December 15, 1960-August 31, 1961, \$2,520 a year (1-6-61).
- SOYKA, BAHRIYE F., Assistant in Pediatrics (Medicine), nine months from October 1, 1960, without salary (1-16-61).
- STENSTROM, RALPH H., Assistant in the Education, Philosophy, and Psychology Library, with rank of Instructor, in the Library, seven months from February 1, 1961, \$6,000 a year (1-12-61).
- STEPHENS, NEWMAN L., Research Assistant in Medicine (Medicine), January 15-June 30, 1961, \$387.50 a month (1-12-61).
- SWARTWOUT, ROBERT E., Research Assistant in the Digital Computer Laboratory, February 1-June 15, 1961, \$800 a month, supersedes (1-16-61).
- TENNERY, VICTOR J., Research Assistant Professor of Ceramic Engineering (S), February 15, 1961-August 31, 1961, \$9,500 a year (1-21-61).
- THATCHER, ROBERT C., Assistant in Animal Science (S), seven months from February 1, 1961, \$5,000 a year (2-1-61).
- THOROGOOD, ELIZABETH, Research Associate in the School of Life Sciences, $\frac{3}{4}$ time, one year from September 1, 1960, \$7,500 (12-12-60).
- TRIANDIS, ANN L. M., Assistant Professor of Psychology, $\frac{3}{4}$ time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$5,000 a year, supersedes (1-28-61).
- VERTS, BOBBIE J., Research Associate in the State Natural History Survey, seven months from February 1, 1961, \$6,000 a year, supersedes (1-16-61).
- WHITESITT, ROBERT C., Assistant in Obstetrics and Gynecology (Medicine), six months from January 1, 1961, without salary (1-16-61).
- WILK, KENNETH E., Research Assistant in the State Water Survey, six months from January 1, 1961, \$7,500 a year (12-22-60).
- WILSON, VANNIE W., JR., Research Assistant in Biological Chemistry (Medicine), December 19, 1960-August 31, 1961, \$4,650 a year (1-21-61).
- YAPP, WILLIAM W., Professor of Dairy Science (C and S), $\frac{1}{2}$ time, February 14-August 31, 1961, \$388 a month (1-28-61).
- ZOMENO, MARIANO, Instructor in Pathology (Medicine), seven months from December 1, 1960, without salary (1-28-61).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- ABRAHAM, CLAUDE K., Fellow in French, three months from June 16, 1961, \$900 (1-21-61).
- BALABAN, MARTIN, United States Public Health Service Postdoctoral Fellow in Psychiatry (Special) (Chicago Professional Colleges), one year from September 1, 1960, without stipend, supersedes (12-30-60).
- BARLOW, GEORGE W., Fellow in Zoology, three months from June 16, 1961, \$900 (1-21-61).
- BLISS, LAWRENCE C., Fellow in Botany, three months from June 16, 1961, \$900 (1-21-61).
- BUTWELL, RICHARD, Fellow in Political Science, three months from June 16, 1961, \$900 (1-21-61).
- BYNG, DENNIS E., Fellow in Art, three months from June 16, 1961, \$900 (1-21-61).
- DAVISSON, M. T., Fellow in Civil Engineering, three months from June 16, 1961, \$900 (1-21-61).
- DIESING, PAUL, Fellow in Philosophy, three months from June 16, 1961, \$900 (1-21-61).
- DOWNES, WILLIAM L., JR., Fellow in Entomology, three months from June 16, 1961, \$900 (1-21-61).
- ELDRIDGE, WINFIELD H., Fellow in Civil Engineering, three months from June 16, 1961, \$900 (1-21-61).
- FERRARA, WILLIAM L., Fellow in Accountancy, three months from June 16, 1961, \$900 (1-21-61).
- FRITH, DONALD E., Fellow in Art, three months from June 16, 1961, \$900 (1-21-61).
- GALLAGHER, ROBERT E., Fellow in English, three months from June 16, 1961, \$900 (1-21-61).

- GALLO, FRANK, Fellow in Art, three months from June 16, 1961, \$900 (1-21-61).
- GERSTNER, ROBERT W., Fellow in Engineering, three months from June 16, 1961, \$900 (1-21-61).
- HAY, WILLIAM W., Fellow in Geology, three months from June 16, 1961, \$900 (1-21-61).
- HOLLINGSWORTH, J. ROGERS, Fellow in History, three months from June 16, 1961, \$900 (1-21-61).
- JONES, JOAN M., Fellow in Chemistry, three months from June 16, 1961, \$900 (1-21-61).
- KATZ, ROBERT D., Fellow in City Planning, three months from June 16, 1961, \$900 (1-21-61).
- KELLY, J. ROBERT, Fellow in Music, three months from June 16, 1961, \$900 (1-21-61).
- LAMB, JOHN H., JR., Engineering Faculty Development Teaching Fellow in Civil Engineering, February 1-June 15, 1961, \$100; and September 16, 1961-January 31, 1962, \$100 (1-16-61).
- LEASURE, ROBERT D., United States Public Health Service Medical Student Part-Time Research Fellow (Chicago Professional Colleges), nine months from September 16, 1960, \$600 (12-28-60).
- MARCELLIS, JACK C., Automotive Safety Foundation Fellow in Highway Engineering, February 1-June 15, 1961, \$750 (1-16-61).
- MCCAFFREY, LAWRENCE J., Fellow in the Division of General Studies, three months from June 16, 1961, \$900 (1-21-61).
- MCCOLLEY, ROBERT M., Fellow in History, three months from June 16, 1961, \$900 (1-21-61).
- MILLER, MARILYN T., United States Public Health Service Fellow (Trainee) in Ophthalmology, six months from January 1, 1961, \$2,500; and six months from July 1, 1961, \$1,480 (1-6-61).
- MILLET, STANTON, Fellow in English, three months from June 16, 1961, \$900 (1-21-61).
- MITCHELL, HENRY, Engineering Faculty Development Research Fellow in Civil Engineering, one year from February 1, 1961, \$2,000 (1-16-61).
- MUINZER, L. A., Fellow in English, three months from June 16, 1961, \$900 (1-21-61).
- RICHARDS, CLAIRE L., Fellow in Music, three months from June 16, 1961, \$900 (1-21-61).
- ROBINS, HARRY F., Fellow in English, three months from June 16, 1961, \$900 (1-21-61).
- ROTH, GUENTHER, Fellow in Sociology, three months from June 16, 1961, \$900 (1-21-61).
- RUECKERT, WILLIAM H., Fellow in English, three months from June 16, 1961, \$900 (1-21-61).
- SAMPSON, LAWRENCE, United States Public Health Service Fellow (Trainee) in Medicine (Chicago Professional Colleges), nine months from October 1, 1960, \$600 (12-27-60).
- SCAPINO, ROBERT B. B. Rappaport Dental Student Part-Time Research Fellow (Chicago Professional Colleges), six months from January 1, 1961, \$400 (1-6-61).
- SELANDER, RICHARD B., Fellow in Entomology, three months from June 16, 1961, \$900 (1-21-61).
- SKEATH, JAMES E., National Science Foundation Cooperative Fellow in Mathematics, eleven months from September 16, 1960, \$2,200, supersedes (12-30-60).
- STRONKS, JAMES B., Fellow in English, three months from June 16, 1961, \$900 (1-21-61).
- SWARTZ, EDWARD, B. B. Rappaport Dental Student Part-Time Research Fellow (Chicago Professional Colleges), six months from January 1, 1961, \$400 (1-6-61).
- TERRAS, VICTOR, Fellow in Russian, three months from June 16, 1961, \$900 (1-21-61).
- WICKS, EUGENE C., Fellow in Art, three months from June 16, 1961, \$900 (1-21-61).

RESIGNATIONS AND CANCELLATIONS

- ALLEN, D. N. de G., Visiting Professor of Civil Engineering — cancellation effective February 1, 1961.
- BENTLEY, WILLIAM H., National Science Foundation Cooperative Fellow in Chemical Engineering — resignation effective February 1, 1961.
- BERNSTEIN, MIRIAM R., Research Assistant in Medicine (Medicine) — resignation effective December 20, 1960.
- DAFLER, JAMES R., Instructor in Chemistry (Chicago Undergraduate Division) — resignation effective March 1, 1961.
- FERRERA, SALVATORE V., Instructor in Economics (Chicago Undergraduate Division) — resignation effective March 1, 1961.
- GRAY, EDWARD R., Fellow in Physics — resignation effective February 1, 1961.
- GRUPE, HAROLD E., JR., Research Assistant in Oral Pathology (Dentistry) — resignation effective January 1, 1961.
- GUTMANN, DAVID L., Clinical Instructor in Psychology (Medicine) — resignation effective September 1, 1960.
- JANN, MRS. BARBARA M., Research Assistant in Chemistry — resignation effective February 16, 1961.
- KAUFMAN, JEROME, Assistant Professor of Community Planning — resignation effective January 31, 1961.
- KEMP, JOAN, Assistant in Physical Education for Women — resignation effective February 1, 1961.
- LEON, BRUNO, Assistant Professor of Architecture — resignation effective September 1, 1961.
- LIPPERT, HENRY T., United States Health, Education, and Welfare Fellow (Trainee) in Education — resignation effective February 1, 1961.
- MARCHERTAS, ALGIRDAS H., Instructor in Theoretical and Applied Mechanics — resignation effective March 1, 1961.
- MAY, P. CONRAD, United States Public Health Service Fellow (Trainee) in Psychiatry — resignation effective January 1, 1961.
- McMAHAN, DONALD L., Assistant in Animal Science — resignation effective April 1, 1961.
- MEADOWS, ARTHUR J., Assistant Professor of Astronomy — resignation effective March 1, 1961.
- MUVDI, BICHARA B., Research Associate in Theoretical and Applied Mechanics — resignation effective January 7, 1961.
- NOGAMI, UYUKIHISA, Research Associate in Physics — cancellation effective September 16, 1960.
- RAGAB, MOHAMED H. H., Research Associate in Vegetable Crops (Horticulture) — cancellation effective September 1, 1960.
- STORCK, ROGER L., Postdoctoral Fellow in Microbiology — resignation effective February 1, 1961.
- STRIEGLER, KLAUS B., Research Associate in Chemistry — resignation effective February 23, 1961.
- SUGAI, MASUO, Research Associate in Food Technology — resignation effective March 1, 1961.
- SYDNOR, RICHARD L., Research Associate in Electrical Engineering — resignation effective February 1, 1961.
- STREET, NORMAN, Professor of Petroleum Engineering (Mining and Metallurgical Engineering) — resignation effective January 1, 1961.
- WILF, MRS. RUTH T., Research Associate in Chemistry — resignation effective January 8, 1961.

LEAVES OF ABSENCE

- AYERS, ROBERT L., Assistant Chief Flight Instructor in the Institute of Aviation — leave of absence for military duty and vacation for the period June 19 through September 3, 1961. Leave during August will be without pay but leave for the balance of the period will be on full pay.
- CARMICHAEL, HUGH T., Clinical Professor of Psychiatry, in the College of Medicine — extension of leave of absence, without pay, beginning January 1 and continuing through August 31, 1961.
- HAMP, LEROY, Associate Professor of Music — leave of absence, with full pay, for reasons of health, December 23, 1960, to March 1, 1961.

HOPKINS, MRS. ALINE L., Instructor in Business Management—extension of sick leave, with full pay, for an additional thirty-day period, through February 25, 1961.

LIDGE, RALPH T., Clinical Assistant Professor of Orthopaedic Surgery, in the College of Medicine—extension of leave of absence, without pay, beginning January 1 and continuing through August 31, 1961.

MORGENTHAU, GEORGE W., Associate Professor of Mathematics and Head of the Division, in the Chicago Undergraduate Division—extension of leave of absence, without pay, beginning February 1, 1961, and continuing through January 31, 1962.

RANNEY, J. AUSTIN, Professor of Political Science, in the College of Liberal Arts and Sciences, and Associate Dean of the Graduate College—leave of absence, without pay, for the academic year 1961-62, so that he may spend this period in study abroad under a Senior Research Award in Governmental Affairs which he has been offered by the Social Science Research Council.

SHELDEN, MIRIAM A., Dean of Women—leave of absence to serve on active duty in the United States Navy on assignment to the Navy Reserve Line Selection Board for a period not to exceed six weeks, with pay for fifteen days from January 4, 1961; without pay from January 20, 1961, and continuing until the completion of her active Navy duty.

CANCELLATION OF SABBATICAL LEAVE OF ABSENCE

CRONBACH, LEE J., Professor of Education, in the Bureau of Educational Research, in the College of Education, and of Psychology, in the College of Liberal Arts and Sciences—cancellation of sabbatical leave of absence without pay for the second semester, beginning March 1, 1961.

RETIREMENTS

HAMP, LEROY, Associate Professor of Music—retirement effective March 1, 1961.

MARVEL, CARL S., Research Professor of Organic Chemistry—retirement effective March 1, 1961.

SAMPSON, JESSE, Professor of Veterinary Physiology and Pharmacology and of Veterinary Research—retirement effective February 15, 1961.

RECESS IN EXECUTIVE SESSION

On motion of Mr. Hughes, an executive session was ordered, to be held after a recess, for consideration of reports and recommendations relating to property acquisitions.

At this point the Board recessed for an inspection of the new Central Food Stores Building and the new building of the National Council of Teachers of English.

The Board reconvened, in executive session, at 2:30 p.m.

The same members of the Board, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes, with the exception of Mr. Timothy W. Swain and Mr. Joseph S. Begando, who asked to be excused.

The Board resumed consideration of reports and recommendations from the President of the University.

PROPERTY ACQUISITIONS

At the request of the President, Director C. S. Havens presented the following recommendations.

PURCHASE OF PROPERTY AT 512 EAST CHALMERS STREET. CHAMPAIGN

The University has recently been offered the property at 512 East Chalmers Street, Champaign, at a price of \$19,950.

The property is a lot, 35 feet by 59 feet with a two-story, plus basement and attic, brick house. It is in the area of long-range campus expansion as part of a

site for a residence hall for graduate students. The property is well located for use for faculty offices, one of the most critical of the University's space problems, and would serve this or other University purposes until the ground needs to be cleared for construction.

The asking price is consistent with independent appraisals secured by the University; while the price per square foot is relatively high, this is due to the fact that the house covers most of the lot.

The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at the price of \$19,950. A supporting memorandum from the Physical Plant Department is being filed with the Secretary of the Board for record.

The President of the University concurs in the recommendation.

On motion of Mr. Pogue, the purchase of this property at the price indicated was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Kerner, Mr. Swain.

PURCHASE OF PROPERTY AT 605 EAST DANIEL STREET, CHAMPAIGN

The University's long-range campus development plan includes the acquisition of the property at 605 East Daniel Street, Champaign, and adjacent areas of land.

The property consists of a lot 54 feet by 174 feet with a large two-story, plus attic and basement, frame house presently owned and occupied by the Cosmopolitan Club, a University of Illinois student organization. On December 16, 1959, the Board of Trustees on recommendation of its Committee on Buildings and Grounds authorized the Director of the Physical Plant and the Vice-President and Comptroller to secure an option for a consideration of \$1,000 on the purchase of this property at a price not to exceed \$48,000, said option to run to July 1, 1961, with the provision that the option payment would become a part of the purchase price if the option is exercised. Negotiations for the option were undertaken but the Cosmopolitan Club declined to grant the option. In the meantime another prospective buyer has been negotiating with the Club for the purchase of the property.

Aside from the need of the land for future campus development, acquisition of this property by the University is highly desirable to prevent further commercial development in an area so close to the campus. Attempts to negotiate directly with the officers of the Cosmopolitan Club have been unsuccessful but discussions have been held with the attorney for the Club who has suggested a sale price of \$56,000 to \$60,000, and the following alternatives:

1. Outright sale to the University with possession on July 1, 1961;
2. Sale to the University with the provision that the Club would be allowed to occupy the building until July 1, 1962, rent free, but the rent to be applied against the sale price;
3. The University to provide housing facilities elsewhere for the members of the Cosmopolitan Club for a two-year period rent free, such rental to be applied against the sale price;
4. The University to provide quarters in its residence halls for the members of the Club for a two-year period rent free, said rental to be applied against the sale price.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that:

1. Representatives of the University be authorized to negotiate with the Club or its duly authorized representatives for the purchase of the property by the University within the appraised evaluations of the property; and that
2. If the University can not purchase the property through negotiations by July 1, 1961, the Club be notified that condemnation proceedings will be instituted for its acquisition by the University.

A supporting memorandum from the Physical Plant Department is being filed with the Secretary of the Board for record.

The President of the University concurs.

On motion of Mr. Johnston, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Kerner, Mr. Swain.

EXCHANGE OF UNIVERSITY PROPERTY AT 609 EAST UNIVERSITY AVENUE, CHAMPAIGN, FOR PROPERTY AT 901 WEST GREEN STREET, URBANA

Mr. Paul Tangora has offered to exchange a property he owns at 901 West Green Street, Urbana (southwest corner of Green Street and Lincoln Avenue) for the property owned by the University at 609 East University Avenue, Champaign, as an outright exchange with no cash consideration involved but with the provision that he would be allowed to retain whatever payment will be made by the city of Urbana for a part of the land area of the property at 901 West Green Street which it will acquire for a right-of-way in connection with the widening and resurfacing of Green Street. The city has agreed to pay \$7,300 for this strip of land.

The property at 609 East University Avenue was acquired by the University some thirty years ago through a bequest by the late Dean Kendric C. Babcock of the College of Liberal Arts and Sciences establishing an endowment fund for the support of research, fellowships, and publications in the general field of history and political science. One of the assets of his estate was a mortgage on the property at the southwest corner of University Avenue and Wright Street, a corner lot with a frame house, which the University acquired at a public sale at a cost of \$4,458.52, this amount representing the principal due on the mortgage, accrued interest, accrued taxes, and expenses of the sale. Subsequently the property was leased to the DX Sun Ray Oil Company which cleared the land and constructed a gasoline service station on the site. The income from this property has been turned over to the Babcock Endowment Fund. In the past five years the income has ranged from a low of \$430 to a high of \$2,000.

Three independent appraisals of the University property run from \$19,500 to \$22,500 (\$2.24 to \$2.58 per square foot); appraisals of the property at 901 West Green Street, Urbana, run from \$24,500 to \$29,050 (\$4.45 to \$5.28 per square foot). The net rental income on this property is between \$185 and \$190 per month which would be sufficient to replace the income for the endowment fund now received from the University's property. The University Avenue property is not included in long-range campus development plans but it is anticipated that expansion in Urbana will eventually require ownership of the property on Green Street and Lincoln Avenue. Moreover, control of that corner property will prevent commercial development in the immediate area.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that:

1. The exchange of properties according to the conditions stated be authorized in principle, subject to an approving opinion of the Legal Counsel as to the University's right to exchange this asset of the Babcock Endowment.
2. A valuation of \$21,000 be established for the properties so exchanged.

A supporting memorandum from the Physical Plant Department is being filed with the Secretary of the Board for record.

The President of the University concurs.

On motion of Mr. Johnston, the recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Kerner, Mr. Swain.

REQUEST OF STATE'S ATTORNEY OF CHAMPAIGN COUNTY

At this point Mr. Lesemann, Legal Counsel, informed the President of the University and the Board of Trustees that the State's Attorney of Champaign County, Mr. Robert McDonald, had appeared at the meeting requesting a conference with the Trustees to discuss an extension of the University's policy of making payments on certain properties for services rendered by local government taxing bodies. The request was granted, and Mr. Lesemann introduced Mr. McDonald.

Mr. McDonald reviewed the practice of the University during the past twelve years of making payments "in lieu of taxes" on certain of its income-producing properties, as authorized by state law. In 1949, the General Assembly of Illinois amended Section 7 of the Act providing for the organization and maintenance of the University by including a provision that the Board of Trustees shall have power to agree with the State's Attorney of the county in which any properties of the Board are located to pay for services rendered by the various taxing districts such sums as may be determined by the Board upon properties used solely for income-producing purposes, the title to which is held by the University, and upon properties leased to members of the staff of the University, title to which is held in trust by the Board of Trustees. This legislation is permissive, not mandatory, and the Board may determine on which properties it shall make payments to local government taxing bodies and the sums to be paid. In general, the payments agreed upon and made to date on each parcel of property have been in the amount of the taxes which would have been levied thereon if the property had not been tax exempt. Mr. McDonald asked that the Board consider extending this practice to include payments on three properties: the Illini Union Bookstore, parking lots leased to members of the University staff, and the University of Illinois golf courses on the campus and at Savoy.

Following this presentation and answers to questions asked of Mr. McDonald, he withdrew.

President Henry stated that the operations of the Illini Union Bookstore are an educational service to students and should not be considered in the same category as income-producing properties such as residences and apartments leased to members of the staff.

Mr. Lesemann pointed out that the parking lots leased to staff members are maintained by the University, and receive no important services from local taxing bodies to speak of and, of course, there are no residents living upon the properties requiring public school services.

Mr. Farber called attention to the fact that in the operation of the University High School the University provides educational services to a significant number of children in the local community and thus relieves the school systems of the cost of educating them.

The University golf courses are a recreational facility for students and staff and use of them by the public is only incidental to their chief purpose. The alternative would be to close the courses to the public.

Mr. Wilkins stated that the properties on which the University is making payments are not on the tax rolls and consequently the local school districts receive greater allocations from the State School Fund than they would if these properties were included in the rolls.

Following further discussion of the State's Attorney's request, on motion of Mr. Pogue, the Board voted that no payments be made by the University "in lieu of taxes" on the properties which Mr. McDonald asked to be included among the properties as to which such payments are now being made.

MEETING OF COMMITTEE ON BUILDINGS AND GROUNDS

A brief meeting of the Committee on Buildings and Grounds was held immediately after the adjournment of the Board.

On motion of Mr. Harewood, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

March 14, 1961



The annual meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Tuesday, March 14, 1961, beginning at 9:00 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Richard A. Harewood, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Governor Otto Kerner and Mr. George T. Wilkins were absent. Mr. Wirt Herrick, former Trustee, attended the meeting as a guest of the Board.

Also present were President David D. Henry, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Dr. Joseph S. Begando, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. E. Flynn, Assistant to the President and Director of Public Information; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on September 21 and October 19, 1960, press proof copies of which have previously been sent to the Board.

On motion of Mr. Swain, these minutes were approved as printed on pages 89 to 191, inclusive.

MR. IRVING DILLIARD

Mrs. Watkins, speaking on behalf of the other Trustees, welcomed Mr. Irving Dilliard as a new member of the Board.

ELECTION OF TEMPORARY CHAIRMAN

Mr. Johnston proposed the re-election of the present officers of the Board of Trustees, and nominated Mr. Timothy W. Swain as President, *Pro Tempore*, of the meeting. Mr. Swain was so elected by acclamation and took the chair.

ELECTION OF OFFICERS

Mr. Swain called for nominations for the offices of President, Secretary, and Comptroller of the Board of Trustees.

Mr. Johnston nominated Mr. Kenney E. Williamson for the office of President of the Board.

Mr. Clement nominated Mr. A. J. Janata for the office of Secretary of the Board.

Mr. Harewood nominated Mr. H. O. Farber for the office of Comptroller of the Board.

There being no other nominations, on motion of Mr. Harewood the nominations were closed and the Secretary was instructed to cast the unanimous ballot for the election of the above named officers to serve until the next annual meeting in March, 1962, or until their respective successors shall have been duly elected and qualified. The ballot was so cast, and Mr. Kenney E. Williamson, Mr. A. J. Janata, and Mr. H. O. Farber were declared elected President, Secretary, and Comptroller of the Board, respectively.

Mr. Williamson took the chair and expressed his appreciation of the confidence of the Board in re-electing him as its President.

EXECUTIVE COMMITTEE

Mr. Pogue nominated Mrs. Frances B. Watkins and Mr. Wayne A. Johnston to serve as members of the Executive Committee, with the President of the Board as Chairman, for one year, or until their successors shall have been elected and qualified.

On motion of Mr. Harewood, the nominations were closed and the Secretary was instructed to cast the unanimous ballot of the Board for the election of Mrs. Watkins and Mr. Johnston as members of the Executive Committee. The ballot was cast and they were declared elected.

TREASURER OF THE BOARD

Mr. Hughes nominated Mr. C. W. Weldon as Treasurer of the Board.

On motion of Mr. Johnston, the nominations were closed and the Secretary was instructed to cast the unanimous ballot of the Board for the election of Mr. Weldon as Treasurer of the Board of Trustees to

serve until the second Tuesday in March, 1963 (March 12, 1963), or until his successor shall have been elected and qualified, in accordance with the statutory provision of a biennial term for Treasurer.

On motion of Mr. Clement, the Board recorded its appreciation of the services of its officers during the past several years.

TREASURER'S BOND

On motion of Mr. Swain, the amount of the Treasurer's bond was fixed at \$6,000,000.

On motion of Mrs. Watkins, the Finance Committee was instructed to see that the Treasurer presents a satisfactory bond in the amount specified, and to report the same to the Board for approval.

AUTHORITY TO RECEIVE MONEYS

Mr. Swain offered the following resolution and moved its adoption:

Resolved, that the Treasurer of the Board of Trustees of the University of Illinois be, and he hereby is, authorized to receive and receipt for all moneys, and to endorse all orders, drafts, and checks due and payable to the Board of Trustees or to the University of Illinois, and especially all drafts drawn by the Treasurer of the United States payable to the Board of Trustees of the University of Illinois.

This resolution was adopted.

DELEGATION OF SIGNATURES

Mrs. Watkins offered the following resolution, and moved its adoption:

Resolved, that the President and the Secretary of the Board of Trustees of the University of Illinois are authorized to delegate the signing of their names as President and Secretary, respectively, to vouchers to be presented to the Auditor of Public Accounts, and to warrants drawn on the Treasurer of the University, under the following conditions.

The President of the Board of Trustees is authorized to delegate to L. M. Dahlenburg and to W. D. Green in Urbana, and to J. E. Osborn, to W. E. Cowart, and to H. O. Albers in Chicago, and to Edward F. Lis and to Helen Culbertson in Springfield, authority to sign his name as President of the Board of Trustees to vouchers against the Auditor of Public Accounts; and to C. C. DeLong, to R. W. Zimmer, and to R. F. Wood in Urbana, and to J. E. Osborn, to W. E. Cowart, and to H. O. Albers in Chicago, authority to sign his name to warrants on the University Treasurer covering vouchers approved in accordance with regulations approved by the Board.

The Secretary of the Board of Trustees is authorized to delegate to Maude Archdeacon, to George H. Bargh, and to Everett G. Smith in Urbana, and to G. R. Moon, to Velma M. Davis, to Helen Wyle, and to Genevieve R. Mutka in Chicago, authority to sign his name as Secretary of the Board of Trustees to vouchers against the Auditor of Public Accounts and to warrants on the University Treasurer, covering vouchers approved in accordance with regulations of the Board. The Secretary of the Board of Trustees is authorized to delegate to Mrs. Freda M. Hicks and to Lean C. Ryan in Springfield, authority to sign his name as Secretary of the Board of Trustees on vouchers against the Auditor of Public Accounts approved in accordance with the regulations of the Board. These authorizations are to continue in effect until the Auditor of Public Accounts has been supplied with specimen signatures of succeeding officers of this Board. And be it further

Resolved, that the First National Bank of Chicago as a designated depository of C. W. Weldon, Treasurer of this corporation, be and it (including its correspondent banks) is hereby requested, authorized, and directed to honor checks, drafts, or other orders for the payment of money drawn in this corporation's name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or signers thereof, when bearing or purporting to bear the facsimile signatures of the two following: Kenney E.

Williamson, President, and A. J. Janata, Secretary; and the First National Bank of Chicago (including its correspondent banks) shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means the facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens duly certified to or filed with the First National Bank of Chicago by the Secretary or other officer of this corporation. And be it further

Resolved, that the Auditor of Public Accounts is hereby authorized and directed to honor vouchers bearing facsimile signatures of the President and Secretary of the Board of Trustees of the University of Illinois if such facsimile signatures resemble the facsimile specimens duly certified to or filed with the Auditor of Public Accounts by the Secretary.

This resolution was adopted.

UNIVERSITY RETIREMENT SYSTEM REPRESENTATIVES

President Williamson called attention to the vacancy in the representation of the Board of Trustees of the University of Illinois on the Board of Trustees of the University Retirement System of Illinois due to the fact that Mr. Wirt Herrick's term as Trustee of the University has expired.

On motion of Mr. Pogue, Mr. Clement was elected to fill this vacancy on the Board of Trustees of the University Retirement System of Illinois.

STANDING COMMITTEES FOR 1961-62

The President of the Board appointed the following standing committees to serve during the year 1961-62, or until their successors have been appointed following the annual meeting of the Board of Trustees in March, 1962.

Agriculture

EARL M. HUGHES, Chairman
HOWARD W. CLEMENT
IRVING DILLIARD

Alumni

IRVING DILLIARD, Chairman
HOWARD W. CLEMENT
MRS. FRANCES B. WATKINS

Athletic Activities

HAROLD POGUE, Chairman
IRVING DILLIARD
RICHARD A. HAREWOOD

Buildings and Grounds

HAROLD POGUE, Chairman
HOWARD W. CLEMENT
RICHARD A. HAREWOOD
EARL M. HUGHES
WAYNE A. JOHNSTON
TIMOTHY W. SWAIN

Chicago Departments

MRS. FRANCES B. WATKINS, Chairman
WAYNE A. JOHNSTON
HAROLD POGUE

Finance

TIMOTHY W. SWAIN, Chairman
WAYNE A. JOHNSTON
MRS. FRANCES B. WATKINS

General Policy

WAYNE A. JOHNSTON, Chairman
RICHARD A. HAREWOOD
HAROLD POGUE
TIMOTHY W. SWAIN
MRS. FRANCES B. WATKINS

Nonacademic Personnel

Also representatives on the Civil Service Merit Board
TIMOTHY W. SWAIN, Chairman
RICHARD A. HAREWOOD
HAROLD POGUE

Patents

HOWARD W. CLEMENT, Chairman
RICHARD A. HAREWOOD
TIMOTHY W. SWAIN

Student Welfare and Activities

RICHARD A. HAREWOOD, Chairman
IRVING DILLIARD
MRS. FRANCES B. WATKINS

University Retirement System Representatives

HOWARD W. CLEMENT
EARL M. HUGHES
KENNEY E. WILLIAMSON

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

APPOINTMENTS TO THE FACULTY

(1) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. WALTER J. BOCK, Assistant Professor of Zoology, beginning September 1, 1961, at an annual salary of \$7,000 (B).
2. YELLAPPA C. DAS, Assistant Professor of Civil Engineering, one year from September 1, 1961, at a salary of \$6,600 (D).
3. JOZEF DELEV, Visiting Professor of Microbiology, four months from February 1, 1961, at a salary of \$7,000 (G).
4. ROBERT C. DRYE, Clinical Assistant Professor of Psychiatry, College of Medicine, beginning February 1, 1961, without salary (DY).
5. MILTON EDELMAN, Visiting Associate Professor in the Institute of Labor and Industrial Relations, two months from June 16, 1961, at a salary of \$2,200 (G).
6. ERWIN GROSSMANN, Lecturer with rank of Assistant Professor, Department of Ophthalmology, College of Medicine, beginning January 1, 1961, on one-tenth time, at an annual salary of \$900 (DY10).
7. R. S. JULIAN HAWES, Visiting Associate Professor of Zoology, for the academic year 1961-62, at a salary of \$10,000 (E).
8. THEODORE A. KIERSCH, Associate Professor of Hygiene and Chairman of the Mental Health Division, in the Health Service, beginning September 1, 1961, at an annual salary of \$16,000 (BY).
9. GEORGE H. KLUMPFER, Clinical Assistant Professor of Psychiatry, beginning February 1, 1961, without salary (DY).
10. OWEN G. McDONALD, Clinical Assistant Professor of Surgery, College of Medicine, beginning February 1, 1961, without salary (DY).
11. JOHN R. PHILIP, Visiting Professor of Petroleum Engineering, Department of Mining and Metallurgical Engineering, for two and one-half months from February 16, 1961, at a salary of \$3,000 (G).
12. WINTON SOLBERG, Visiting Professor of History, for the academic year 1961-62, at an annual salary of \$11,500 (E).
13. GEORGE WICKSTEAD, Visiting Associate Professor of Landscape Architecture, Department of City Planning and Landscape Architecture, for the second semester of 1960-61, on one-third time, at a salary of \$1,765 (E33).

Appointments to Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointments to supervisory positions of upper-level responsibility.

1. VICTOR A. ABELL, Computer Programmer I, Statistical Service Unit, beginning February 1, 1961, at an annual salary of \$4,800.
2. GEORGE DODSON, Assistant Tabulating Machine Supervisor, Statistical Service Unit, beginning February 1, 1961, at an annual salary of \$4,800.
3. RICHARD A. MARTIN, Purchasing Assistant II, Purchasing Division, Business Office, beginning January 1, 1961, at an annual salary of \$6,600.
4. CAROL A. MCCOLLOM, Dietitian, Research and Educational Hospitals, beginning January 4, 1961, at an annual salary of \$4,500.

On motion of Mr. Harewood, these appointments were confirmed.

CHAIRMANSHIP OF THE DEPARTMENT OF ARCHITECTURE

(2) Professor Alan K. Laing, who has been serving as Chairman of the Department of Architecture since 1954, has asked to be relieved of this administrative assignment at the end of the current academic year, so that he may devote full time to teaching and his own research, and I have approved his request. He will, of course, remain in the Department as Professor of Architecture on full time.

The Dean of the College of Fine and Applied Arts recommends the appointment of Professor Granville S. Keith, a member of the Department, as Professor of Architecture on indefinite tenure and as Chairman of the Department for two

years, beginning September 1, 1961, the salary of this position to be determined when the budget for 1961-62 is submitted to the Board for approval.

The nomination of Professor Keith has been made after consultation with the Executive Committee of the Department and of the College and has the endorsement of the Vice-President and Provost and of the Dean of the Graduate College.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

BUDGETS FOR 1961 SUMMER SESSIONS AND FACULTY APPOINTMENTS

(3) Submitted herewith are the budgets and appointments to the faculty for the 1961 summer sessions. This year there will be two summer sessions and two budgets. The Board of Trustees has authorized the offering of a twelve-week term, to assess the potential demands for extended summer programs, in addition to the traditional eight-week summer session.

The eight-week summer session at Urbana-Champaign will begin June 19 and end August 12; at the Chicago Undergraduate Division this session will begin June 23 and conclude August 18. The twelve-week summer term at Urbana-Champaign will extend from June 24 to September 9, and at the Chicago Undergraduate Division from June 23 to September 8. In the College of Pharmacy, there will be two six-week terms, June 19 to July 29, and July 31 to September 9.

The eight-week summer session budget totals \$858,776 plus a reserve of \$60,173 for Urbana-Champaign; \$11,357 for the Chicago Professional Colleges; and \$100,899 plus a reserve of \$14,101 for the Chicago Undergraduate Division. The twelve-week summer term budget totals \$112,222 plus a reserve of \$22,778 for the Urbana-Champaign campus; and \$40,711 plus a reserve of \$4,289 for the Chicago Undergraduate Division.

Salaries of members of the University faculty recommended for summer session appointments are computed on the basis of the standard formulae: two-ninths of the salary of the academic year for eight weeks of service, and three-ninths of the salary of the academic year for twelve weeks of service, with proportionate amounts for shorter periods or for part-time service. The appointments being recommended include a number of visiting lecturers from other colleges and universities at the salaries indicated.

I recommend that the appointments to the summer session staff be approved as submitted, and that the President of the University be authorized to accept resignations and make such changes and adjustments and additional appointments as are necessary in accordance with the needs of the University within the allocations of funds indicated.

On motion of Mr. Hughes, these appointments and the summer session budget were approved, and the President was given authority as recommended. This action was taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner, Mr. Wilkins.

Summary		
Salaries, Regular Summer Session	<i>Eight-Week</i>	<i>Twelve-Week</i>
Urbana-Champaign.....	\$808 470	\$109 137
Chicago Professional Colleges.....	11 357	.....
Reserve.....	60 173	22 778
<i>Total, Urbana-Champaign and Chicago Professional Colleges</i>	(880 000)	(131 915)
Chicago Undergraduate Division.....	100 899	40 711
Reserve.....	14 101	4 289
<i>Total, Chicago Undergraduate Division</i>	(115 000)	(45 000)
<i>Total, Regular Summer Session Salaries</i>	(995 000)	(176 915)

	<i>Eight-Week</i>	<i>Twelve-Week</i>
Wages, Expense, and Equipment,		
Urbana-Champaign.....	\$17 428	\$3 085
<i>Total, Regular Summer Session</i>	(1 012 428)	(180 000)
Summer Session Youth Music.....	19 300	.....
Summer Session Youth Speech.....	13 578	.....
<i>Total</i>	\$1 045 306	\$180 000

EIGHT-WEEK SUMMER SESSION — URBANA-CHAMPAIGN

	<i>Per Cent</i>	<i>Summer</i>
Accountancy	<i>Time</i>	<i>Salary</i>
1. Gaze E. Lukas, Professor.....		\$ 2 445
2. R. K. Mautz, Professor.....	50	1 589
3. William E. Thomas, Jr., Professor.....		2 556
4. Nelson D. Wakefield, Professor.....		2 445
5. Edwin J. DeMaris, Associate Professor.....		1 889
6. Robert E. Schlosser, Associate Professor.....		2 045
7. Donald H. Skadden, Associate Professor.....	50	1 067
8. Arthur R. Wyatt, Associate Professor.....		2 178
9. Nancy A. Desmond, Instructor.....		1 000
10. Richard F. Page, Assistant.....	50	512
(See twelve-week term).....		(767)
(Total Salary)		(1 279)
		(\$17 726)

Advertising (Journalism)

1. James E. Moyer, Associate Professor.....	\$ 2 167
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Animal Science

1. W. N. McMillen, Visiting Lecturer (June 19 to July 15)....	\$ 1 000
(11 North McDonald Avenue, Decatur, Illinois)	

Anthropology

1. Oscar Lewis, Professor.....	\$ 2 778
2. John C. McGregor, Professor.....	2 600
	(\$ 5 378)

Architecture

1. G. S. Keith, Professor.....	\$ 3 178
2. P. H. Coy, Associate Professor.....	2 089
3. G. M. Hodge, Associate Professor.....	50 1 129
4. J. E. Ambrose, Assistant Professor.....	1 623
5. Tadeusz Janowski, Assistant.....	845
	(\$ 8 864)

Art

1. James R. Shipley, Professor.....	\$ 3 423
2. Warren F. Doolittle, Professor.....	2 667
3. Frank J. Roos, Professor.....	2 400
4. Harold A. Schultz, Professor.....	50 1 289
(See Education)	(1 289)
(Total Salary)	(2 578)
5. Marvin B. Martin, Associate Professor.....	67 1 334
6. Robert A. von Neumann, Associate Professor.....	67 1 156
7. Edward J. Zagorski, Associate Professor.....	2 000
8. Charles W. Sanders, Assistant Professor.....	1 823
9. Raymond B. Brown, Instructor.....	67 771
10. William Fothergill, Instructor.....	1 445
11. Osmond S. Guy, Instructor.....	1 223
12. James J. Hennessey, Instructor.....	67 786
13. Victor G. Kord, Instructor.....	67 786
14. G. David Shaner, Instructor.....	67 816
	(\$21 919)

University of Illinois Bands		Per Cent Time	Summer Salary
1. Everett D. Kisinger, Assistant Director.....		50	\$ 1 056
(See Music)			(1 056)
(Total Salary)			(2 112)
Botany			
1. G. Neville Jones, Professor.....			\$ 2 589
2. Douglas M. Post, Assistant Professor.....			1 623
3. Zane B. Carothers, Assistant Professor.....			1 456
4. Peter R. Atsatt, Assistant.....	50		423
5. Barbara J. Kieckhefer, Assistant.....	50		423
(See twelve-week term).....			(317)
(Total Salary)			(740)
			(\$ 6 514)
Business Education			
1. Floyd L. Crank, Associate Professor.....	50		\$ 833
(See Education)			(834)
(Total Salary)			(1 667)
2. Elizabeth R. Melson, Associate Professor.....	50		1 023
(See Education)			(1 022)
(Total Salary)			(2 045)
3. Ralph E. Mason, Assistant Professor.....	50		909
4. Mildred E. Reed, Assistant Professor.....	50		767
5. Anna K. Mahaffey, Assistant.....	50		473
			(\$ 4 005)
Business Law			
1. Paul C. Roberts, Professor.....	50		\$ 1 267
2. B. F. Kirkpatrick, Associate Professor.....			1 889
3. Robert N. Corley, Assistant Professor.....	50		867
4. John B. Hyde, Assistant Professor.....	50		811
			(\$ 4 834)
Chemistry and Chemical Engineering			
1. Carl S. Vestling, Professor.....			\$ 3 223
2. James W. Westwater, Professor.....			2 289
3. Howard V. Malmstadt, Associate Professor.....			2 200
4. Eric Baer, Assistant Professor.....			1 512
5. Russell S. Drago, Assistant Professor.....			1 667
6. Theron S. Piper, Assistant Professor.....			1 645
7. John A. Quinn, Assistant Professor.....	50		834
8. James L. Brownlee, Jr., Instructor.....			1 334
9. Paul E. Wenaas, Instructor.....			1 400
10. _____, Assistant.....	50		467
11. _____, Assistant.....	50		445
12. _____, Assistant.....	50		467
13. _____, Assistant.....	50		467
14. _____, Assistant.....	50		445
15. _____, Assistant.....	50		423
16. _____, Assistant.....	50		423
17. _____, Assistant.....	50		467
18. _____, Assistant.....	50		445
19. _____, Assistant.....	50		467
20. _____, Assistant.....	50		445
21. _____, Assistant.....	50		445
22. _____, Assistant.....	50		445
23. _____, Assistant.....	50		445
24. Donald Barton, Visiting Assistant Professor.....			1 456
25. _____, Visiting Lecturer.....			2 500
26. _____, Visiting Lecturer.....			2 200
27. _____, Visiting Lecturer.....			2 200

	Per Cent Time	Summer Salary
28. ———, Visiting Lecturer.....		\$ 2 200
29. ———, Visiting Lecturer.....		2 045
30. ———, Visiting Lecturer.....		2 000
31. ———, Visiting Lecturer.....		1 334
		(\$38 335)

Child Development

1. Lila J. Oderkirk, Instructor.....		\$ 1 134
2. Robert B. Smith, Instructor.....	25	356
(See Home Economics).....		(356)
(Total Salary).....		(712)
3. ———, Assistant.....	50	423
4. ———, Assistant.....	25	212
5. ———, Assistant.....	25	212
		(\$ 2 337)

City Planning and Landscape Architecture

1. Brian Hackett, Professor.....		\$ 3 334
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Civil Engineering

1. N. M. Newmark, Professor.....	25	\$ 1 139
2. G. H. Dell, Professor.....		2 223
3. Richard S. Engelbrecht, Professor of Sanitary Engineering..		2 223
4. Edwin H. Gaylord, Jr., Professor.....		3 000
5. William J. Hall, Professor.....		2 356
6. Narbey Khachaturian, Professor.....		2 000
7. William H. Munse, Professor.....	50	1 445
8. Moreland Herrin, Associate Professor.....	50	1 000
9. Arthur R. Robinson, Associate Professor.....	50	1 000
10. Mete Sozen, Associate Professor.....	50	945
11. Melvin T. Davisson, Assistant Professor.....	50	778
12. George E. Triandafilidis, Assistant Professor.....	50	756
13. Steven J. Fenves, Instructor.....	50	800
14. ———, Instructor.....	25	350
15. ———, Instructor.....	25	350
		(\$20 365)

Civil Engineering (Summer Surveying Camp)

1. Milton O. Schmidt, Professor and Camp Director (June 19 to August 26).....		\$ 3 467
2. Edward H. Coe, Associate Professor (Chicago Undergraduate Division) (June 19 to July 22).....		1 278
3. Houssam M. Karara, Assistant Professor (June 19 to August 26).....		2 000
4. Jerry R. Masters, Assistant (June 19 to July 22).....		625
5. Walter A. Scott, Assistant (June 19 to August 26).....		1 250
		(\$ 8 620)

Classics

1. John J. Bateman, Assistant Professor.....		\$ 1 667
2. Antonio Tovar, Visiting Lecturer.....	75	2 000
(128e Lincoln Hall)		
		(\$ 3 667)

Digital Computer Laboratory

1. Kern W. Dickman, Research Associate.....	75	\$ 1 167
2. Paul R. Lipinski, Assistant.....	50	445
		(\$ 1 612)

Division of General Studies

1. John F. Glawe, Instructor in Biological Science.....		\$ 1 334
2. Clarence A. Poxon, Instructor in Physical Science.....		1 223
3. Donald A. Levin, Assistant in Biological Science.....	50	423
		(\$ 2 980)

Economics		Per Cent Time	Summer Salary
1. J. F. Bell, Professor.....	50	\$ 1 945	
2. John B. Parrish, Professor.....		2 623	
3. Thomas A. Yancey, Associate Professor.....		2 000	
4. Franklin R. Shupp, Assistant Professor.....		1 612	
5. Case M. Sprenkle, Assistant Professor.....		1 556	
6. Robert W. Gillespie, Instructor.....		1 612	
7. Sam Barone, Assistant.....	50	423	
8. Karl Marx, Assistant.....	50	423	
9. Aaron Metz, Assistant.....	50	423	
10. John Rowe, Assistant.....	50	423	
11. Russell Snyder, Assistant.....	50	423	
12. William Wallace, Assistant.....	50	423	
			(\$13 886)
Education			
1. Archibald W. Anderson, Professor.....		\$ 2 278	
2. Fred P. Barnes, Professor.....		2 400	
3. Thomas E. Benner, Professor.....		2 856	
4. G. M. Blair, Professor.....		2 256	
5. Harry S. Broudy, Professor.....		2 578	
6. John J. DeBoer, Professor.....		2 289	
7. Rupert N. Evans, Professor.....		2 645	
8. Coleman R. Griffith, Professor.....		3 300	
9. Norman E. Gronlund, Professor.....		2 078	
10. S. G. Hall, Professor of General Engineering (June 19 to July 15)		1 145	
11. Harold C. Hand, Professor.....		3 200	
12. Kenneth B. Henderson, Professor.....		2 545	
13. R. Stewart Jones, Professor.....		2 323	
14. William E. Kappauf, Professor.....		2 845	
15. Walter V. Kaulfers, Professor.....		2 000	
16. Clyde G. Knapp, Professor.....		2 069	
17. John E. McGill, Professor.....		2 112	
18. Perry E. Miller, Professor.....		2 945	
19. Walter J. Moore, Professor.....		2 000	
20. O. Hobart Mowrer, Research Professor of Psychology.....	50	1 611	
(See Psychology)		(1 612)	
(Total Salary)		(3 223)	
21. T. Ernest Newland, Professor.....		2 045	
22. Merle M. Ohlsen, Professor.....	50	1 300	
23. Robert E. Pingry, Professor.....		2 312	
24. Harold A. Schultz, Professor of Art Education.....	50	1 289	
(See Art)		(1 289)	
(Total Salary)		(2 578)	
25. J. H. Shores, Professor.....		2 467	
26. Ray H. Simpson, Professor.....		2 467	
27. B. Othanel Smith, Professor.....		3 134	
28. Letitia E. Walsh, Professor.....		2 289	
29. J. Myron Atkin, Associate Professor.....	50	1 139	
30. Joseph Becker, Assistant Professor.....	50	800	
(See Psychology)		(800)	
(Total Salary)		(1 600)	
31. Basil Castaldi, Associate Professor.....		2 000	
32. Frank Costin, Associate Professor.....	50	978	
33. Floyd L. Crank, Associate Professor.....	50	834	
(See Business Education)		(833)	
(Total Salary)		(1 667)	
34. Herbert Goldstein, Associate Professor.....		1 956	
35. Charles E. Johnson, Associate Professor.....	50	989	
36. Kenneth M. Lansing, Associate Professor.....		1 800	
37. Donald G. Lux, Associate Professor.....		2 145	

	<i>Per Cent Time</i>	<i>Summer Salary</i>
38. William J. Mason, Associate Professor.....	50	\$ 889
39. Lloyd E. McCleary, Associate Professor.....		2 000
40. Foster McMurray, Associate Professor.....		1 734
41. Elizabeth R. Melson, Associate Professor of Business Education.....	50	1 022
(See Business Education).....		(1 023)
(Total Salary)		(2 045)
42. Charles B. Porter, Associate Professor.....		1 767
43. J. Richard Suchman, Associate Professor.....	50	923
44. Robert A. Tinkham, Associate Professor (July 17 to August 12).....		889
45. Alfred L. Brophy, Assistant Professor.....		1 600
46. Joe R. Burnett, Assistant Professor.....		1 678
47. Orrin E. Gould, Assistant Professor.....		1 634
48. Theodore Manolakes, Assistant Professor.....		1 634
49. John R. Palmer, Assistant Professor.....		1 512
50. Clarence Phillips, Assistant Professor of Mathematics.....	50	722
(See Mathematics)		(723)
(Total Salary)		(1 445)
51. W. L. Shoemaker, Assistant Professor.....		1 612
52. Harry F. Breen, Instructor.....	50	667
53. Robert Evans, Assistant.....	50	512
54. Dorothy M. Keenan, Assistant (June 19 to July 15).....		512
55. Samuel Rosen, Assistant.....	50	445
56. ———, Assistant	50	526
57. Frances Sigborn, Assistant.....	50	512
58. Anthony T. Soares, Assistant.....	50	512
59. ———, Assistant	50	512
60. ———, Assistant	50	512
61. ———, Assistant (June 19 to July 14).....		512
62. Richard T. Salzer, Assistant (July 17 to August 12).....		526
63. ———, Assistant	50	512
64. Hugh C. Black, Visiting Lecturer.....		1 700
(Department of Education, Rice University, Box 1892, Houston 1, Texas)		
65. Warren C. Bonney, Visiting Lecturer.....		2 000
(Department of Guidance and Counseling, University of Texas, Austin, Texas)		
66. Dolph Camp, Visiting Lecturer.....		2 000
(United States Office of Education, G. S. A. Building, Seventh and Tenth Streets, Washington, D. C.)		
67. Hilda Geuther, Visiting Lecturer (June 19 to July 14).....		700
(Home Economics Department, Carl Sandburg High School, Orland Park, Illinois)		
68. Aleyne Haines, Visiting Lecturer.....		1 800
(College of Education, University of Florida, Gainesville, Florida)		
69. Helen Haughton, Visiting Lecturer (July 17 to August 12).. (Home Economics Department, Eastern Illinois Univer- sity, Charleston, Illinois)		700
70. Myrl G. Herman, Visiting Lecturer.....		1 600
(805 West Pennsylvania Avenue)		
71. Shelton L. Root, Jr., Visiting Lecturer.....		2 000
(College of Education, Wayne State University, Detroit 2, Michigan)		
72. Jerome M. Seidman, Visiting Lecturer.....		1 800
(Educational Psychology Department, Montclair State Col- lege, Montclair, New Jersey)		
73. Donald Van Cleve, Visiting Lecturer.....		1 800
(College for Teachers, State University of New York, Albany, New York)		

	Per Cent Time	Summer Salary
74. Fred R. Wilkin, Visiting Lecturer..... (714 Meadow Lane, Libertyville, Illinois)		\$ 1 400
75. Arthur G. Wirth, Visiting Lecturer..... (Department of Education, Brooklyn College, Brooklyn 10, New York)		1 800
76. ———, Visiting Lecturer.....		2 200
77. ———, Visiting Lecturer.....		1 800
78. ———, Visiting Lecturer.....		1 800
79. ———, Visiting Lecturer.....	50	700
80. ———, Visiting Lecturer.....		1 300
81. ———, Visiting Lecturer.....		1 200
82. ———, Visiting Lecturer.....		1 200
83. ———, Visiting Lecturer (July 17 to August 12).....		700
		(\$133 590)

Electrical Engineering

1. George E. Anner, Professor.....		\$ 2 578
2. L. B. Archer, Professor.....		2 334
3. Max A. Faucett, Professor.....		2 156
4. M. S. Helm, Professor.....		2 445
5. C. A. Keener, Professor.....		2 778
6. G. R. Peirce, Professor.....		2 267
7. C. E. Skroder, Professor.....	50	1 067
8. Jerome Earl Williams, Professor.....		2 356
9. R. W. Burtness, Associate Professor.....		2 445
10. Milton H. Crothers, Associate Professor.....		2 089
11. Paul R. Egbert, Associate Professor.....		1 912
12. Daniel F. Hang, Associate Professor.....		2 000
13. Millard S. McVay, Associate Professor.....		2 267
14. ———, Associate Professor.....		2 000
15. Philip A. Bauman, Assistant Professor.....		1 512
16. Paul K. Hudson, Assistant Professor.....		1 889
17. Shlomo Karni, Assistant Professor.....		1 445
18. Benjamin Kuo, Assistant Professor.....		1 778
19. William R. Perkins, Assistant Professor.....		1 734
20. James P. Bobis, Instructor.....		1 000
21. Arnold W. Dipert, Instructor.....		1 023
22. John C. Elsey, Instructor.....	50	623
23. Connor F. Haugh, Instructor.....		1 156
24. Paul W. Klock, Instructor.....		1 245
25. John R. Lehmann, Instructor.....	75	1 067
26. Hsiao J. Ma, Instructor.....		1 000
27. James H. Pugsley, Instructor.....	75	834
28. Henry J. Winton, Instructor.....	50	712
29. Ramakrishna Narayanasamy, Assistant.....	50	440
		(\$48 152)

English

1. Gwynne B. Evans, Professor.....		\$ 3 000
2. Marcus S. Goldman, Professor.....		2 067
3. Roland M. Smith, Professor.....	50	1 256
4. Harris W. Wilson, Professor.....		2 223
5. Daniel Curley, Associate Professor.....		1 734
6. Bruce Harkness, Associate Professor.....		2 045
7. J. Kerker Quinn, Associate Professor.....		1 956
8. F. W. Weeks, Associate Professor.....	50	1 000
9. August L. Altenbernd, Assistant Professor.....		1 645
10. Lloyd Berry, Assistant Professor.....	50	700
11. Helen Brennan, Assistant Professor.....		1 534
12. Garreta Busey, Assistant Professor.....		1 556
13. Walter J. Chamberlin, Assistant Professor of Business Eng- lish.....	50	889

	Per Cent Time	Summer Salary
14. Oliver W. Evans, Assistant Professor.....	50	\$ 723
15. Sanford Golding, Assistant Professor.....	50	700
16. Glenn P. Haskell, Assistant Professor.....	50	845
17. Donald J. Hogan, Assistant Professor.....	50	700
18. John T. Maguire, Assistant Professor of Business English..	50	800
19. Robert Ornstein, Assistant Professor.....		1 623
20. Gardiner B. Stillwell, Assistant Professor.....	50	789
21. Michael Timko, Assistant Professor.....	50	700
22. Margaret Bloom, Instructor.....	50	612
23. Richard P. Felton, Instructor in Business English.....	50	567
24. Rocco Fumento, Instructor.....	50	656
25. John A. Hamilton, Instructor.....	50	634
26. Mary A. Hussey, Instructor.....		1 267
27. ———, Instructor in Business English.....	50	734
28. John S. Martin, Instructor.....	50	656
29. Albert C. Tillman, Instructor.....		1 289
30. James H. Wheatley, Instructor.....	50	645
31. ———, Instructor.....		1 112
32. ———, Instructor.....		1 245
33. ———, Assistant.....	50	467
34. ———, Assistant.....	50	467
35. ———, Assistant.....	50	467
36. ———, Assistant.....	50	467
37. ———, Assistant.....	50	467
38. ———, Assistant.....	50	467
39. ———, Assistant.....	50	467
40. ———, Assistant.....	50	467
41. ———, Assistant.....	50	467
42. ———, Assistant.....	50	467
43. ———, Assistant.....	50	467
44. ———, Assistant.....	50	467
45. Jerome Beaty, Visiting Lecturer..... (1746 Haygood Drive, Atlanta 7, Georgia)		2 000
46. Arlin Turner, Visiting Lecturer..... (1115 Woodburn Road, Durham, North Carolina)		3 150

(\$48 656)

Entomology

1. Gilbert P. Waldbauer, Assistant Professor.....

\$ 1 334

Finance

1. Robert I. Mehr, Professor.....
2. James W. Leonard, Associate Professor.....
3. ———, Instructor.....
4. Robert M. Philbrook, Assistant.....
5. Ward Theilman, Assistant.....

\$ 3 034

2 112

1 612

25 212

50 423

(\$ 7 393)

French

1. Philip A. Wadsworth, Professor.....
2. Philip Kolb, Professor.....
3. Bruce H. Mainous, Associate Professor.....
(See twelve-week term)
(Total Salary)
4. Claude P. Viens, Associate Professor.....
5. Stanley E. Gray, Assistant Professor.....
6. Francis W. Nachtmann, Assistant Professor.....
7. Jeanne Monty, Instructor.....
8. ———, Assistant.....
9. ———, Assistant.....

50

\$ 1 445

2 667

50 1 045

(1 045)

(2 090)

50

1 067

1 367

1 600

1 334

50 423

50 423

	<i>Per Cent Time</i>	<i>Summer Salary</i>
10. _____, Assistant	50	\$ 423
11. _____, Assistant	50	422
		(\$12 217)

General Engineering

1. L. D. Walker, Professor		\$ 2 334
2. John P. Hipskind, Assistant Professor		1 334
3. Paul W. Steinbeck, Assistant Professor	50	667
4. Robert W. Bokenkamp, Instructor	50	806
(See twelve-week term)		(1 209)
(Total Salary)		(2 015)
		(\$ 5 141)

Geography

1. Alfred W. Booth, Professor		\$ 2 667
2. Fred W. Foster, Professor		2 667
3. J. L. Page, Professor		2 323
4. Robert L. Carmin, Associate Professor		2 112
5. _____, Assistant	75	634
6. _____, Assistant	50	423
7. _____, Assistant	50	423
8. _____, Assistant	50	423
		(\$11 672)

Geology

1. Carleton A. Chapman, Professor (June 19 to July 15)		\$ 1 389
2. Jack L. Hough, Professor (July 17 to August 12)		1 334
3. Frederick W. Cropp, Assistant Professor		1 689
4. John M. Dennison, Assistant Professor		1 334
5. Norbert E. Cygan, Assistant		1 040
6. Donald R. Gorman, Assistant		845
7. Ramil C. Wright, Assistant		845
8. Frank L. Koucky, Visiting Lecturer		1 600
(Department of Geology, University of Cincinnati, Cincinnati, Ohio)		
9. Wilton N. Melhorn, Visiting Associate Professor		1 812
(249b Natural History Building)		
		(\$11 888)

German

1. Henri Stegemeier, Professor		\$ 2 400
2. Francis J. Nock, Associate Professor		2 067
3. James E. Engel, Assistant Professor		1 367
4. Pauline S. Schwalbe, Assistant Professor		1 500
5. Stella Rosenfeld, Assistant	50	445
6. Thomas Starnes, Assistant	50	445
7. John Trojanowicz, Assistant	50	423
8. Ausrele M. Venclova, Assistant	50	445
9. _____, Assistant	50	423
10. _____, Assistant	50	423
11. _____, Assistant	50	423
12. _____, Assistant	50	423
		(\$10 784)

Health and Safety Education

1. A. E. Florio, Professor	50	\$ 1 356
2. Warren J. Huffman, Assistant Professor		2 000
		(\$ 3 356)

History

1. Chester G. Starr, Professor	60	\$ 1 867
2. Fred A. Shannon, Professor		3 112
3. Raymond P. Stearns, Professor		3 000
4. C. Ernest Dawn, Professor	60	1 360

	Per Cent Time	Summer Salary
5. Maurice Lee, Jr., Associate Professor.....		\$ 1 956
6. Otto Pflanze, Assistant Professor.....		1 845
7. ———, Assistant	50	423
8. Darrel R. Cady, Assistant.....	50	423
9. G. Thomas Riggs, Assistant.....	50	423
10. Lewis Robinson, Assistant.....	50	423
11. R. C. Smith, Assistant.....	50	423
12. Allen Wakstein, Assistant.....	50	423
13. Helen M. Cavanagh, Visiting Lecturer.....		2 200
(Department of History, Illinois State Normal University, Bloomington, Illinois)		
14. Carl G. Gustavson, Visiting Lecturer.....		2 500
(Department of History, Ohio University, Athens, Ohio)		
15. Roy V. Scott, Visiting Lecturer.....		1 500
(Department of History, Mississippi State University, State College, Mississippi)		

(\$21 878)

Home Economics

1. Pearl Z. Janssen, Professor.....		\$ 2 045
2. Mildred Bonnell, Associate Professor (June 19 to July 15)...		1 000
3. Virginia Guthrie, Assistant Professor (June 19 to July 15)...		767
4. Willis C. Kauffman, Assistant Professor (July 17 to August 12).....		767
5. Willie M. Mowrer, Assistant Professor.....	50	800
6. Eloise Lorch, Instructor (July 17 to August 12).....		623
7. Millicent V. Martin, Instructor.....		1 267
8. Robert B. Smith, Instructor.....	25	356
(See Child Development).....		(356)
(Total Salary)		(712)
9. Vivian P. Larson, Assistant (June 19 to July 15).....		512
10. ———, Assistant	50	422
11. ———, Assistant	50	422

(\$ 8 981)

Journalism

1. Richard L. Hildwein, Assistant Professor.....	50	\$ 889
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Law

1. C. H. Bowman, Professor.....		\$ 2 912
2. Kenneth S. Carlston, Professor.....		3 245
3. Rubin G. Cohn, Professor.....		3 776
4. Wylie H. Davis, Professor.....		3 245
5. George T. Frampton, Professor.....		3 134
6. Eugene F. Scoles, Professor.....		3 467
7. ———, Associate Professor.....		2 556
8. ———, Visiting Lecturer.....		3 000

(\$25 335)

Library Science

1. Frances B. Jenkins, Professor.....		\$ 2 534
2. Donald E. Strout, Professor.....		2 112
3. Harold Goldstein, Associate Professor.....		2 112
4. Alice Lohrer, Associate Professor.....		1 912
5. J. Clement Harrison, Instructor.....		1 778
6. ———, Assistant		845
7. ———, Assistant		800
8. ———, Assistant		800
9. ———, Assistant	50	400
10. Keith Dowden, Visiting Lecturer.....		1 700
(Head, Reference Unit, Purdue University Library, La- fayette, Indiana)		

	Per Cent Time	Summer Salary
11. Alice W. Harrison, Visiting Lecturer..... (320 Library)		\$ 1 778
12. _____, Visiting Lecturer.....	50	800
13. _____, Visiting Lecturer.....		1 400
		(\$18 971)

Management

1. Paul M. Dauten, Professor.....		\$ 2 156
2. Irvin L. Heckmann, Associate Professor.....		2 000
3. Sherwood G. Huneryager, Instructor.....	50	534
4. Leslie L. D. Shaffer, Instructor.....		1 445
5. Clarence A. Sims, Instructor.....	50	645
6. Lester E. Barnes, Assistant.....	50	489
7. Robert E. Coffey, Assistant.....	50	445
		(\$ 7 714)

Marketing

1. Hugh G. Wales, Professor.....		\$ 2 600
2. Nugent Wedding, Professor.....		2 445
3. Richard M. Hill, Associate Professor.....		1 912
		(\$ 6 957)

Mathematics

1. Colin R. Blyth, Professor.....	50	\$ 1 267
2. Pierce W. Ketchum, Professor.....		2 689
3. C. W. Mendel, Professor.....		2 223
4. Henry J. Miles, Professor.....	55	1 245
5. R. G. Langebartel, Associate Professor.....		2 000
6. J. William Peters, Associate Professor.....		1 956
7. Edward J. Scott, Associate Professor.....		2 000
8. Harlan G. H. Bartram, Research Assistant Professor.....		1 767
9. Richard L. Bishop, Assistant Professor.....		1 556
10. Norman T. Hamilton, Assistant Professor.....	50	800
11. Corrine Hattan, Assistant Professor.....		1 356
12. Clarence Phillips, Assistant Professor.....	50	723
(See Education)		(722)
(Total Salary)		(1 445)
13. J. J. Rotman, Research Associate.....	50	645
14. Betty Detwiler, Instructor.....		1 415
15. Lawrence S. Levy, Instructor.....		1 334
16. David Sachs, Instructor.....	50	778
17. Renu Chakravarti, Assistant.....	50	423
18. George C. Graff, Assistant.....		850
19. A. F. Ifram, Assistant.....	60	507
20. Myrna Lee, Assistant.....	50	423
21. Patricia Martin, Assistant.....		845
22. Ronald J. Miech, Assistant.....		845
23. J. A. Peters, Assistant.....		889
24. Richard Rau, Assistant.....		845
25. George Rublein, Assistant.....	50	423
26. _____, Assistant.....	50	423
27. Duane Steidinger, Assistant.....		845
28. H. C. Tung, Assistant.....		845
29. Masami Wakae, Assistant.....		845
30. Paulo Ribenboim, Visiting Associate Professor..... (327 Altgeld Hall)		1 667
		(\$34 496)

Mechanical and Industrial Engineering

1. C. Dale Greffe, Professor.....		\$ 2 045
2. George W. Harper, Professor.....	50	1 145

	Per Cent Time	Summer Salary
3. Eugene F. Hebrank, Professor.....		\$ 2 267
4. William L. Hull, Professor.....		2 445
5. Edwin D. Luke, Professor.....		2 334
6. David G. Ryan, Professor.....		2 734
7. Willard E. Bair, Associate Professor.....		2 000
8. J. W. Bayne, Associate Professor.....		1 800
9. Wen Lung Chow, Associate Professor.....	50	967
10. John L. Whisenand, Associate Professor.....		1 756
11. _____, Associate Professor.....	50	1 034
12. James L. French, Instructor.....		1 334
13. Stephan Konz, Instructor.....	50	667
14. Donald L. Mykkanen, Instructor.....		1 600
15. Morse B. Singer, Instructor.....	50	756
16. Parker H. Badger, Lecturer.....		1 556
		(\$26 440)

Microbiology

1. F. M. Clark, Professor.....		\$ 2 223
2. G. I. Wallace, Professor.....		2 278
3. Alice Helm, Assistant.....	50	423
4. Stephen Newton, Assistant.....	50	423
5. Elsie J. Young, Assistant.....	50	423
		(\$ 5 770)

Music

1. Bjornar Bergethon, Professor.....		\$ 2 534
2. Harold A. Decker, Professor.....		2 556
3. Bruce R. Foote, Professor.....		2 623
4. John C. Garvey, Professor.....	50	1 078
5. Scott Goldthwaite, Professor.....		2 467
6. Hubert Kessler, Professor.....	50	1 289
7. Charles Leonhard, Professor.....		2 689
8. Paul S. Pettinga, Professor.....		2 312
9. Sherman Schoonmaker, Professor.....	50	1 245
10. Haskell O. Sexton, Professor.....		2 112
11. Gilbert R. Waller, Professor.....	50	1 073
12. Ludwig Zirner, Professor.....	75	1 701
13. Jean Berger, Associate Professor.....		2 000
14. Andrew Morris Carter, Associate Professor.....	25	467
15. Everett D. Kisinger, Associate Professor.....	50	1 056
(See University of Illinois Bands).....		(1 056)
(Total Salary).....		(2 112)
16. A. J. McDowell, Associate Professor.....		1 889
17. Alexander L. Ringer, Associate Professor.....		2 312
18. Dorothy E. Clark, Assistant Professor.....		1 534
19. L. Thomas Fredrickson, Assistant Professor.....		1 534
20. Robert E. Gray, Assistant Professor.....	67	1 082
21. Edward J. Krolick, Assistant Professor.....	50	734
22. David A. Ledet, Assistant Professor.....	67	934
23. William H. Miller, Assistant Professor.....		1 712
24. Carolyn Powell, Assistant Professor.....		1 623
25. Marilyn R. Pflederer, Instructor.....	33	460
26. Eric Dalheim, Assistant.....		845
27. _____, Assistant.....		845
28. _____, Assistant.....		845
29. _____, Assistant.....		845
30. _____, Assistant.....		845
31. _____, Assistant.....		845
32. Webster Aitken, Visiting Professor.....		2 445
(112 Smith Music Hall).....		
33. John C. Dalley, Visiting Artist.....		1 500
(135 West College, Oberlin, Ohio).....		

	<i>Per Cent Time</i>	<i>Summer Salary</i>
34. Nancy Pallesen Dalley, Visiting Artist..... (135 West College, Oberlin, Ohio)	33	\$ 500
35. ———, Visiting Lecturer.....	50	1 100
36. ———, Visiting Lecturer.....	50	1 000
37. ———, Visiting Lecturer.....	50	1 000
		(\$53 631)

Nuclear Engineering

1. Marvin E. Wyman, Professor.....	50	\$ 1 523
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Philosophy

1. D. W. Gotshalk, Professor.....	50	\$ 1 700
2. Harry M. Tiebout, Jr., Associate Professor.....		1 823
3. Charles E. Caton, Instructor.....	50	656
(See twelve-week term).....		(984)
(Total Salary).....		(1 640)
4. Mendel F. Cohen, Instructor.....		1 223
5. William L. Rowe, Instructor.....		1 245
6. Norman Kretzmann, Visiting Assistant Professor..... (127 Lincoln Hall)		1 556
		(\$ 8 203)

Physical Education for Men

1. T. K. Cureton, Jr., Professor.....		\$ 3 278
2. H. E. Kenney, Professor.....		2 623
3. Alfred W. Hubbard, Associate Professor.....		2 134
4. Alan J. Barry, Assistant Professor.....		1 667
5. Howard J. Braun, Assistant Professor.....	40	658
6. Ralph E. Fletcher, Assistant Professor.....	33	623
7. Linwood Gerald Bechtel, Assistant.....	20	223
(See twelve-week term).....		(667)
(Total Salary).....		(890)
8. Edward H. Heath, Instructor.....	25	317
(See twelve-week term).....		(475)
(Total Salary).....		(792)
9. John Anthony Nicolette, Assistant.....	25	212
10. William D. Taylor, Assistant.....	25	323
		(\$12 058)

Physical Education for Women

1. Beulah Drom, Assistant Professor.....	50	\$ 773
2. Marjorie Harris, Instructor.....		1 300
3. Marjorie Souder, Instructor.....	50	628
4. Sheila VanBeaumont, Assistant.....	25	300
		(\$ 3 001)

Physics

1. ———, Assistant.....	50	\$ 444
2. ———, Assistant.....	50	444
3. ———, Assistant.....	50	444
4. R. C. Wheatley, Visiting Lecturer..... (8903 West Pine Avenue, Brentwood 17, Missouri)		1 800
5. ———, Visiting Lecturer.....		2 000
6. ———, Visiting Lecturer.....		2 000
7. George A. Russell, Visiting Lecturer..... (Department of Physics, Southern Illinois University, Carbondale, Illinois)		2 700
		(\$ 9 832)

Physiology

1. Stanley G. Stolpe, Associate Professor.....		\$ 1 723
2. ———, Assistant.....	50	423

	<i>Per Cent Time</i>	<i>Summer Salary</i>
3. ———, Assistant	50	\$ 423
4. ———, Assistant	50	423
5. Betty I. Roots, Visiting Assistant Professor..... (535 Burrill Hall)		1 445
		(\$ 4 437)
Political Science		
1. Charles B. Hagan, Professor.....		\$ 2 512
2. Francis G. Wilson, Professor.....		3 134
3. David J. Danelski, Assistant Professor.....		1 400
4. G. L. Wilhelm, Assistant.....	50	434
		(\$ 7 480)
Psychology		
1. O. Hobart Mowrer, Research Professor.....	50	\$ 1 612
(See Education)		(1 611)
(Total Salary)		(3 223)
2. Ledyard R. Tucker, Professor.....	50	1 556
3. Walter G. McAllister, Associate Professor.....		1 778
4. Robert Jones, Consultant with rank of Associate Professor..	40	800
5. Joseph Becker, Assistant Professor.....	50	800
(See Education)		(800)
(Total Salary)		(1 600)
6. Gene R. LaForge, Research Assistant Professor.....	50	864
7. Perry London, Assistant Professor.....	50	778
8. Donald T. Shannon, Assistant Professor.....		1 734
9. Morton W. Weir, Assistant Professor.....		1 512
10. ———, Assistant	50	423
11. ———, Assistant	33½	282
		(\$12 139)
Recreation		
1. Charles K. Brightbill, Professor.....		\$ 3 400
2. Allen V. Sapora, Professor.....		2 323
3. Maxwell R. Garret, Assistant Professor.....	60	978
		(\$ 6 701)
Russian		
1. Ralph E. Matlaw, Associate Professor.....		\$ 2 667
2. ———, Instructor		1 244
3. Borys Bilokur, Assistant	50	423
4. Sandra Tung, Assistant	50	423
5. ———, Assistant	50	423
		(\$ 5 180)
Social Work		
1. D. Katharine Rogers, Associate Professor.....		\$ 2 045
Sociology		
1. E. A. Ahrens, Associate Professor.....		\$ 1 756
2. John P. Clark, Assistant Professor.....		1 556
3. Bernard Lazerwitz, Assistant Professor.....		1 800
		(\$ 5 112)
Spanish and Italian		
1. J. H. D. Allen, Professor.....		\$ 2 223
2. Henry R. Kahane, Professor.....		2 778
3. Fred P. Ellison, Associate Professor.....		1 889
4. Joseph S. Flores, Associate Professor.....		2 089
5. Luis Leal, Associate Professor.....		1 889
6. Elizabeth J. Moffett, Assistant.....	50	423
		(\$11 291)

Speech and Theatre		Per Cent Time	Summer Salary
1. E. Thayer Curry, Professor.....			\$ 2 289
2. Barnard W. Hewitt, Professor.....	50		1 323
3. Richard Murphy, Professor.....			2 423
4. Raymond E. Nadeau, Professor.....			2 112
5. Severina E. Nelson, Professor.....	50		1 162
6. John Wesley Swanson, Professor.....			2 334
7. Clara M. Behringer, Associate Professor.....	50		878
(See University Theatre and Summer Youth Program) ..			(878)
(Total Salary)			(1 756)
8. Martin T. Cobin, Associate Professor.....	50		867
9. Henry L. Mueller, Associate Professor.....			1 856
10. Karl A. Windesheim, Associate Professor.....	50		923
11. Ted J. Barnes, Assistant Professor.....	50		717
(See Summer Debaters Youth Workshop).....			(717)
(Total Salary)			(1 434)
12. Kenneth Burns, Assistant Professor.....	50		778
13. Eleanor Chase York, Visiting Lecturer.....	50		875
(Western Michigan University, Kalamazoo, Michigan)			
14. _____,	50		800
			(\$19 337)
University Theatre and Summer Youth Program			
1. Charles H. Shattuck, Professor.....	50		\$ 1 167
2. Clara M. Behringer, Associate Professor.....	50		878
(See Speech and Theatre).....			(878)
(Total Salary)			(1 756)
3. Mary H. Arbenz, Assistant Professor.....	50		700
4. Genevieve Richardson, Assistant Professor.....			1 489
5. Webster L. Smalley, Assistant Professor.....	50		700
6. Bernhard R. Works, Assistant Professor.....			1 378
7. Zack York, Visiting Lecturer.....	50		875
(Western Michigan University, Kalamazoo, Michigan)			
8. _____, Assistant	25		212
9. _____, Assistant	25		212
10. _____, Assistant	25		212
11. _____, Assistant	25		212
12. _____, Assistant	25		212
13. _____, Assistant	25		212
14. _____, Assistant	25		212
15. _____, Assistant	25		212
16. _____, Assistant	25		212
17. _____, Assistant	25		212
18. _____, Assistant	25		212
19. _____, Assistant	25		212
			(\$ 9 731)
University Speech Clinic			
1. Naomi W. Hunter, Assistant Professor.....			\$ 1 378
2. Frances L. Johnson, Assistant Professor.....			1 334
3. Jane B. Archer, Instructor.....			1 045
4. E. W. Loftiss, Assistant.....			880
			(\$ 4 646)
Summer Debaters Youth Workshop			
1. Halbert E. Gulley, Professor.....	50		\$ 1 056
2. Ted J. Barnes, Assistant Professor.....	50		717
(See Speech and Theatre).....			(717)
(Total Salary)			(1 434)
3. _____, Assistant	25		212
4. _____, Assistant	25		212
			(\$ 2 197)

Theoretical and Applied Mechanics		Per Cent Time	Summer Salary
1.	Cletus Edward Bowman, Professor.....	66 $\frac{2}{3}$	\$ 1 512
2.	Paul Guy Jones, Professor.....	83 $\frac{1}{4}$	2 223
3.	Clyde E. Kesler, Professor.....	25	584
4.	Wallace M. Lansford, Professor.....		2 778
5.	Omar M. Sidebottom, Professor.....	25	584
6.	James O. Smith, Professor.....	75	2 167
7.	Marlyn E. Clark, Associate Professor.....	50	978
8.	Frederick G. Bauling, Assistant Professor.....	50	800
9.	Albert C. Bianchini, Assistant Professor.....	50	823
10.	Russell S. Jensen, Assistant Professor.....	50	823
11.	Robert E. Miller, Assistant Professor.....	50	834
12.	John W. Murdock, Assistant Professor.....	50	767
			(\$14 873)

Zoology

1. Max R. Matteson, Associate Professor.....		\$ 1 832
2. Hurst H. Shoemaker, Associate Professor.....		1 778
3. Wesley J. Birge, Assistant Professor.....		1 512
4. Richard H. Baker, Assistant.....	50	423
5. Donald Batch, Assistant.....	50	423
6. ———, Assistant.....	50	423
7. Daniel H. Stern, Assistant.....	50	423
		(\$ 6 805)
Total, Urbana-Champaign		\$820 398

Departmental Expense

Child Development	
Expense.....	\$ 200
Academic Salaries	(2 337)
Civil Engineering Camp	
Wages, Expense, Equipment.....	7 610
Academic Salaries	(8 620)
Education	
Wages, Expense, Equipment.....	2 960
Forestry	
Wages.....	840
Expense.....	2 628
Geography	
Expense.....	300
Recreation	
Wages, Expense	2 890
Total, Wages, Expense, Equipment.....	\$17 428

Summer Session Youth Music

00-72-80-400

Wages, Expense	\$ 3 900
Academic Salaries	15 400
Total, Wages, Expense, Salaries.....	\$19 300

Summer Session Youth Speech

00-72-85-400

University Theatre and Summer Youth Program	
Expense.....	\$ 1 200
Academic Salaries	9 731
Summer Debaters Youth Workshop	
Expense.....	450
Academic Salaries	2 197
Total, Expense, Salaries.....	\$13 578

EIGHT-WEEK SUMMER SESSION—CHICAGO PROFESSIONAL COLLEGES

Pharmacy		Per Cent Time	Summer Salary
1. Herbert M. Emig, Associate Professor (July 17 to August 12).....			\$ 1 000
2. Bernard Ecanow, Assistant Professor (August 14 to September 9).....			912
3. Frederick Siegel, Assistant Professor (June 19 to July 29)...			1 367
4. Stanley V. Susina, Assistant Professor (June 19 to July 15)			956
5. Norbert Wojciechowski, Assistant (June 19 to September 9)	50		634
			(\$ 4 869)
Pharmacy-Chemistry			
1. Charles L. Bell, Assistant Professor of Chemistry (June 19 to July 29).....			\$ 1 234
2. Dominick A. Coviello, Assistant Professor of Chemistry (July 31 to September 9).....			1 234
3. John W. Cowin, Instructor (Chicago Undergraduate Division) (July 31 to September 9).....			1 084
4. Bernard J. Kurtin, Instructor in Physics (June 19 to July 29).....			1 034
5. E. Thomas Bailey, Assistant in Chemistry (July 31 to September 9).....	50		317
6. Richard E. Hewitson, Assistant in Chemistry (June 19 to July 29).....	50		317
7. David Katague, Assistant in Chemistry (July 31 to September 9).....	50		317
8. McLouis Robinet, Assistant in Physics (July 31 to September 9).....	50		317
9. Oreste L. Salerni, Assistant in Chemistry (June 19 to July 29).....	50		317
10. Hiroshi Takeda, Assistant in Chemistry (June 19 to July 29)	50		317
			(\$ 6 488)
Total, Chicago Professional Colleges.....			\$11 357

EIGHT-WEEK SUMMER SESSION—CHICAGO UNDERGRADUATE DIVISION

Biological Sciences			
1. Albert S. Rouffa, Professor.....			\$ 2 045
2. Sidney F. Glassman, Associate Professor.....			1 889
3. John T. Newell, Assistant Professor.....			1 445
4. Shelton Applegate, Instructor.....			1 023
5. William J. Dembski, Instructor.....	50		578
			(\$ 6 980)
Commerce and Business Administration			
1. Lucile Derrick, Professor of Economics.....	80		\$ 1 778
2. Samuel Fox, Professor of Accountancy.....			2 267
3. Clarence H. Gillett, Professor of Economics.....			2 223
4. Albert J. Schneider, Associate Professor of Accountancy...			1 978
5. Fayette B. Shaw, Associate Professor of Economics.....			1 756
6. Alfonse T. Malinosky, Assistant Professor of Accountancy.	50		778
7. Gust W. Dickett, Instructor in Economics.....			1 000
8. Edward T. Ossman, Assistant in Accountancy.....			956
			(\$12 730)
Engineering			
1. C. I. Carlson, Professor of General Engineering.....			\$ 2 712
2. Edward B. McNeil, Professor of Physics.....			2 021
3. ———, Associate Professor of Physics.....			1 800
4. Harold M. Skadeland, Associate Professor of Physics.....			2 000
5. Ogden Livermore, Assistant Professor of Physics.....			1 578
6. M. W. Minkler, Assistant Professor of Physics.....			1 531
			(\$11 647)

Humanities		Per Cent Time	Summer Salary
1. Arnold J. Hartoch, Associate Professor of Foreign Languages.....	67	\$ 1 221	
2. Falk S. Johnson, Associate Professor of English.....		1 867	
3. Marie E. Lein, Associate Professor of Foreign Languages..	67	1 186	
4. Ernest S. Willner, Associate Professor of Foreign Languages.....	67	1 215	
5. Robert Kauf, Assistant Professor of Foreign Languages...	67	1 097	
6. John O. Marsh, Jr., Assistant Professor of Foreign Languages.....	67	1 097	
7. Harry J. Runyan, Assistant Professor of English.....		1 600	
8. Andrew Schiller, Assistant Professor of English.....		1 734	
9. Maurita F. Willett, Assistant Professor of English.....		1 467	
10. Johanna Braunfeld, Instructor in Foreign Languages.....	67	978	
11. Joan M. Chillag, Instructor in English.....		1 178	
12. Janice M. Crews, Instructor in Speech.....		1 489	
13. John H. Mackin, Jr., Instructor in English.....		1 467	
14. I. M. Miller, Instructor in English.....		1 489	
15. Clara S. Skogen, Instructor in Foreign Languages.....	67	978	
16. Ferdina J. Tort, Instructor in Foreign Languages.....	67	889	
17. ———, Summer Television Program.....		1 867	
			(\$22 819)
Mathematics			
1. Louis L. Pennisi, Associate Professor.....	50	\$ 923	
(See twelve-week term).....		(1 384)	
(Total Salary).....		(2 307)	
2. Grace M. Nolan, Instructor.....	83	1 167	
3. Louis I. Gordon, Instructor.....		1 400	
4. Sim Lasher, Instructor.....		1 312	
5. Charles E. Olsen, Instructor.....	83	1 167	
6. Thomas B. Ondrak, Instructor.....	83	1 167	
7. Helen W. Sears, Instructor.....	83	1 093	
8. Laurence R. Sjoblom, Instructor.....	83	1 038	
9. Rose L. Vedral, Instructor.....	83	1 167	
10. Leo F. Ziomek, Instructor.....	83	1 038	
11. ———, Summer Television Program.....		1 245	
			(\$12 717)
Physical Education			
1. Helen M. Barton, Professor of Physical Education for Women.....	50	\$ 1 023	
2. Peter R. Derrafato, Assistant Professor of Physical Education for Men.....	50	845	
3. Leo L. Gedvilas, Assistant Professor of Physical Education for Men.....	50	867	
4. Benedict W. Montcalm, Assistant Professor of Physical Education for Men.....		1 489	
5. George J. Strnad, Instructor in Physical Education for Men..	50	667	
6. Robert L. Nolan, Assistant in Physical Education for Men..	50	500	
7. ———, Assistant in Physical Education for Men.....	50	578	
			(\$ 5 225)
Physical Sciences			
1. F. B. Crum, Professor of Chemistry.....		\$ 2 289	
2. Charles K. Hunt, Associate Professor of Chemistry.....		1 956	
3. Samuel Schrage, Associate Professor of Chemistry.....		1 823	
4. Rosalind A. Klaas, Assistant Professor of Chemistry.....		1 600	
5. Robert E. DeMar, Instructor in Geology.....		1 289	
6. Shafeek Farag, Instructor in Chemistry.....	67	860	
7. Elaine Z. Herzog, Instructor in Chemistry.....	83	1 038	
8. Eileen Pare, Instructor in Chemistry.....	83	982	
			(\$11 837)

Social Sciences		<i>Per Cent Time</i>	<i>Summer Salary</i>
1. Hollis W. Barber, Professor of Political Science.....			\$ 2 512
2. Daniel J. Morris, Professor of Philosophy.....			2 089
3. Shirley A. Bill, Associate Professor of History.....	67		1 126
4. Victor E. Ricks, Associate Professor of Education.....			2 000
5. Louis Unfer, Associate Professor of History.....	67		1 156
6. Robert E. Corley, Assistant Professor of Sociology.....			1 600
7. Mildred I. Finney, Assistant Professor of Geography.....	67		1 038
8. Milton L. Rakove, Assistant Professor of Political Science.....	50		756
9. Madelaine T. Shalabi, Assistant Professor of Education....	67		978
10. Walter B. Asch, Instructor in History.....	67		682
11. C. P. Warren, Instructor in Anthropology.....	67		860
12. Ann Heilman, Visiting Lecturer..... (1314 Glenview Road, Glenview, Illinois)			1 400
13. —————, Visiting Lecturer.....	67		741
<i>Total, Chicago Undergraduate Division.....</i>			<i>(\$16 938)</i>
			<i>\$100 899</i>

TWELVE-WEEK SUMMER TERM — URBANA-CHAMPAIGN

Accountancy			
1. Robert I. Dickey, Professor.....			\$ 4 767
2. Lewis C. Buller, Assistant.....			1 334
3. Richard F. Page, Assistant.....	50		767
(See eight-week session).....			(512)
(Total Salary)			(1 279)
			<i>(\$ 6 868)</i>

Art

1. George N. Foster, Associate Professor.....		\$ 2 667
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Botany

1. —————, Instructor		\$ 2 000
2. Barbara J. Kieckhefer, Assistant.....	25	317
(See eight-week session).....		(423)
(Total Salary)		(740)
		<i>(\$ 2 317)</i>

Chemistry and Chemical Engineering

1. —————, Assistant Professor.....		\$ 2 700
2. —————, Assistant Professor.....		2 700
3. —————, Assistant	50	700
4. —————, Assistant	50	700
5. —————, Assistant	50	700
6. —————, Assistant	50	700
7. —————, Assistant	50	667
8. —————, Assistant	50	667
		<i>(\$ 9 534)</i>

Division of General Studies

1. Sidney Rosen, Associate Professor.....	50	\$ 1 334
2. Gaylord F. Hatch, Assistant.....	50	750
3. R. Glen Wiley, Assistant.....	50	634
		<i>(\$ 2 718)</i>

Economics

1. Frederick Kohlmeyer, Assistant Professor.....		\$ 2 534
2. Franklin Sherwood, Assistant.....	50	634
3. Arthur Welsh, Assistant.....	50	634
		<i>(\$ 3 802)</i>

English		Per Cent Time	Summer Salary
1. Frank Moake, Assistant Professor.....			\$ 2 310
2. Michael F. Shugrue, Instructor.....			1 934
3. ———, Assistant	50		700
4. ———, Assistant	50		700
5. ———, Assistant	50		700
6. ———, Assistant	50		700
7. ———, Assistant	50		700
8. ———, Assistant	50		700
9. ———, Assistant	50		700
10. ———, Assistant	50		700
11. ———, Assistant	50		700
12. ———, Assistant	50		700
13. ———, Assistant	50		700
14. ———, Assistant	50		700
15. ———, Assistant	50		700
16. ———, Assistant	50		700
17. ———, Assistant	50		700
			(\$14 744)
French			
1. Bruce H. Mainous, Associate Professor.....	33 1/3		\$ 1 045
(See eight-week session).....			(1 045)
(Total Salary)			(2 090)
2. Charles Baker, Assistant.....	33 1/3		480
3. ———, Assistant	33 1/3		423
4. ———, Assistant	33 1/3		423
5. ———, Assistant (June 19 to September 9).....	50		690
			(\$ 3 061)
General Engineering			
1. ———, Associate Professor.....	50		\$ 1 400
2. Thomas C. Hartley, Associate Professor.....	50		1 267
3. Robert W. Bokenkamp, Instructor.....	50		1 209
(See eight-week session).....			(806)
(Total Salary)			(2 015)
4. David R. Reyes-Guerra, Instructor.....			2 167
			(\$ 6 043)
Geography			
1. William O. Baldwin, Assistant.....	75		\$ 950
Geology			
1. ———,	75		\$ 3 000
German			
1. Ruth E. Lorbe, Instructor.....	50		\$ 1 000
2. Walter L. Robbins, Instructor.....	50		950
			(\$ 1 950)
History			
1. Raymond F. Birn, Assistant.....			\$ 1 500
Mathematics			
1. William A. Ferguson, Associate Professor.....			\$ 2 834
2. O. K. Bower, Assistant Professor.....			2 334
3. ———, Assistant	57		723
4. E. E. Dean, Assistant.....	57		723
5. Alfredo Jones, Assistant.....	57		723
6. C. F. Koch, Assistant.....	57		723
7. D. E. Phillips, Assistant.....	57		723

	<i>Per Cent Time</i>	<i>Summer Salary</i>
8. H. G. Robertson, Assistant.....	57	\$ 723
9. W. M. Syn, Assistant.....	57	723
		(\$10 228)
Music		
1. Kenneth L. Gaburo, Instructor.....	67	\$ 1 512
2. Albert G. Huetteman, Visiting Instructor.....	50	1 000
		(\$ 2 512)
Philosophy		
1. Charles E. Caton, Instructor.....	50	\$ 984
(See eight-week session).....		(656)
(Total Salary).....		(1 640)
Physical Education for Men		
1. H. C. Paterson, Assistant Professor.....	40	\$ 1 074
2. William A. Bynum, Jr., Instructor.....	40	734
3. John T. Powell, Instructor.....	40	647
4. Edward H. Heath, Instructor.....	25	475
(See eight-week session).....		(317)
(Total Salary).....		(792)
5. Linwood Gerald Bechtel, Assistant.....	40	667
(See eight-week session).....		(223)
(Total Salary).....		(890)
6. J. Thomas Fisher, Assistant.....	60	990
7. Robert Dwight Leigh, Assistant.....	60	1 041
		(\$ 5 628)
Physical Education for Women		
1. Martha A. Aly, Instructor.....		\$ 1 767
2. Beverly D. Wilson, Instructor.....		1 767
		(\$ 3 534)
Physics		
1. ———, Assistant.....	50	\$ 666
2. ———, Visiting Lecturer.....		3 000
		(\$ 3 666)
Physiology		
1. Gordon L. Van Harn, Assistant.....		\$ 1 500
2. ———, Assistant.....	50	634
		(\$ 2 134)
Political Science		
1. Dean L. Yarwood, Assistant.....	50	\$ 634
Psychology		
1. Donald R. Peterson, Associate Professor.....		\$ 2 934
Russian		
1. William Gard, Assistant.....	50	\$ 634
Sociology		
1. Joseph R. Gusfield, Associate Professor.....		\$ 3 034
Spanish and Italian		
1. ———, Associate Professor.....		\$ 2 834
Speech and Theatre		
1. Lawrence W. Olson, Assistant Professor.....		\$ 2 400
2. Thomas O. Sloan, Assistant Professor.....	50	1 050
		(\$ 3 450)

Theoretical and Applied Mechanics		<i>Per Cent Time</i>	<i>Summer Salary</i>
1. Thaddeus M. Elsesser, Associate Professor.....			\$ 2 567

Zoology

1. William J. Keppler, Assistant.....	50	\$ 634
2. Robert L. Martin, Assistant.....	50	634
3. Donald K. Underhill, Assistant.....	50	634
		(\$ 1 902)

Student Rehabilitation Center

Academic Salaries			
1. Gilbert L. Fink, Assistant.....	50	\$ 734	
2. Thomas E. Rickard, Assistant.....	50	767	
		(\$ 1 501)	

Nonacademic Salary

1. Donald R. Kiest, Rehabilitation Transportation Operator...		\$ 1 150
<i>Total, Salaries</i>		(\$ 2 651)
<i>Total, Urbana-Champaign</i>		\$106 486

Departmental Expense

Physical Education for Men		
Expense.....		\$ 1 050
Physical Education for Women		
Wages, Expense		1 353
Student Rehabilitation Center		
Expense.....		682
Salaries.....		(2 651)
<i>Total, Wages, Expense</i>		\$ 3 085

TWELVE-WEEK SUMMER TERM — CHICAGO UNDERGRADUATE DIVISION**Biological Sciences**

1. Kenneth M. Madison, Associate Professor.....		\$ 3 000
2. James A. Bond, Instructor.....	67	1 334
		(\$ 4 334)

Commerce and Business Administration

1. Carl M. Larson, Instructor in Economics.....		\$ 2 334
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Engineering

1. Marion V. J. Dembski, Assistant Professor of General Engineering.....		\$ 2 334
2. Ora Lee Railsback, Professor of Physics.....		4 067
3. H. B. Weissman, Assistant Professor of Physics.....		2 600
		(\$ 9 001)

Humanities

1. Carl A. Pitt, Associate Professor of Speech.....	33	\$ 889
2. Robert L. Cassell, Instructor in English.....	67	1 334
3. Beatrice S. Timmis, Instructor in English.....		2 234
		(\$ 4 457)

Mathematics

1. Louis L. Pennisi, Associate Professor.....	50	\$ 1 384
(See eight-week session).....		(923)
(Total Salary)		(2 307)
2. Rose Lariviere, Instructor.....	89	1 929
3. Nicholas C. Scholomiti, Instructor.....	89	1 869
		(\$ 5 182)

		<i>Per Cent</i>	<i>Summer</i>
		<i>Time</i>	<i>Salary</i>
Physical Sciences			
1. C. R. Meloy, Professor of Chemistry.....	67	\$ 2 712	
2. J. Victor Mansfield, Associate Professor of Chemistry....		2 667	
3. H. J. Mueller, Assistant Professor of Chemistry.....		2 400	
4. John W. Weldon, Assistant Professor of Chemistry.....		2 534	
5. Marjorie T. Alschuler, Instructor in Chemistry.....		1 767	
			(\$12 080)
Social Sciences			
1. Alan Blum, Instructor in Sociology.....	33	\$ 623	
2. Leon Novar, Visiting Lecturer.....	33	700	
(6748 South Cornell, Chicago 49, Illinois)			
3. Robert W. Shoemaker, Visiting Lecturer.....	44	1 100	
(North Central College, Naperville, Illinois)			
4. _____,	44	900	
			(\$ 3 323)
<i>Total, Chicago Undergraduate Division.....</i>			\$40 711

APPOINTMENTS TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(4) Submitted herewith are nominations for appointments and reappointments, as indicated in each case, to the Board of Directors of the University of Illinois Athletic Association. These appointments become effective as of today and continue until the next annual meeting of the Board of Trustees of the University of Illinois in 1962, or until the successors of these Directors have been appointed.

Faculty

- LESLIE A. BRYAN, Professor of Management and Director of the Institute of Aviation (reappointment; Director Bryan was appointed June 23, 1959, to succeed the late Dean Robert B. Browne)
- JOSEPH A. RUSSELL, Professor and Head of the Department of Geography (reappointment; he has served since 1958)
- HAROLD W. HANNAH, Professor of Agricultural Law, Department of Agricultural Economics (reappointment; he has served since 1960)
- PAUL M. VAN ARSDELL, Professor and Head of the Department of Finance (new appointment; he replaces Professor H. Kenneth Allen, Department of Economics, who has served since 1957)

Alumni

- DUANE A. CULLINAN, Class of 1937, 1617 Eighth Street, Pekin, Illinois (reappointment; he has served since March, 1959)
- STANLEY L. BODMAN, Class of 1931, 175 West Jackson Boulevard, Chicago, Illinois (reappointment; he has served since March, 1960)
- GEORGE R. CATLETT, Class of 1939, Partner in the firm of Arthur Andersen and Company, Certified Public Accountants, 120 South LaSalle Street, Chicago 3, Illinois (new appointment; he replaces Mr. Charles V. Hall, Class of 1931, who has served since March, 1957)

On motion of Mr. Pogue, these appointments were approved.

SABBATICAL LEAVES OF ABSENCE, 1961-62

(5) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1961-62 in accordance with the provisions of the University of Illinois Statutes and on the terms and for the period indicated.

The programs of research, study, and travel for which these leaves are requested have been examined by the University Research Board which advises the President in such matters.

College of Agriculture

Department of Agronomy

LESTER T. KURTZ, Professor of Soil Fertility, full year beginning September 1.

- 1961, one-half pay; for research in soil science on the chemistry of soil phosphates and to study problems relating to trace element deficiencies in soils.
- JOHN W. PENDLETON, Associate Professor of Agronomy, six months beginning August 1, 1961, full pay; to study the organization, mode of operation, and basic philosophy underlying the field research programs in agronomy in other states as a guide to the possible reorganization of such work in Illinois.
- FRANK J. STEVENSON, Associate Professor of Soil Chemistry, full year beginning August 1, 1961, one-half pay; to conduct research on the chemistry of soil organic matter and soil nitrogen at the Commonwealth Scientific and Industrial Research Organization of Australia.
- HERMAN L. WASCHER, Associate Professor of Pedology, full year beginning September 1, 1961, one-half pay, or six months beginning November 1, 1961, full pay; full year leave contingent upon supplementary financial aid; to compare development of soils in southeastern United States on terraces of varying geological age, review literature, and prepare first draft of manuscript on loessial soils of northwestern Illinois.

Department of Animal Science

- PHILIP J. DZIUK, Assistant Professor of Animal Science, full year, one-half pay; to observe research in progress on mammalian germ cells and do a study on the storage and handling of mammalian germ cells.
- B. CONNOR JOHNSON, Professor of Animal Biochemistry, full year beginning September 1, 1961, one-half pay; to work on the isolation, characterization, and possible function of certain lipid materials we have found present in animal tissues and to study enzyme purification methods with particular reference to the enzymes functioning with vitamin B₁₂ and vitamin A.

Department of Food Technology

- REID T. MILNER, Professor of Food Technology and Head of the Department, six months beginning March 1, 1962, full pay; to study the world-wide needs for food, those foods needed most, present academic and industrial research in food technology, and the training of food technologists.

Department of Plant Pathology

- JAMES W. GERDEMANN, Professor of Plant Pathology, six months beginning August 1, 1961, full pay; to visit biologists in England and Germany who are studying phycomycetous mycorrhizas and to do research in Scotland on the relationship of soil-borne spores to mycorrhizal infections.

College of Commerce and Business Administration

Bureau of Economic and Business Research

- MARVIN FRANKEL, Research Associate Professor, six months beginning February 16, 1962, full pay; for comparative research on economic growth, with particular attention to the effects of changes in economic structure, and in the supply and allocation of resources.

Department of Economics

- JOHN F. DUE, Professor of Economics, second semester, full pay; for study of the role of taxation in the economic development of underdeveloped countries, with particular reference to tropical Africa.
- DONALD W. PADEN, Professor of Economics, full year beginning September 1, 1961, one-half pay; for study and research in the area of income theory and business fluctuation and in research on the economics of instructional television.

Department of Finance

- EMERSON CAMMACK, Assistant Professor of Finance, first semester, full pay; to study the life insurance institution in Italy—the companies themselves, and the attitude of the public toward life insurance.

College of Education

- ARCHIBALD W. ANDERSON, Professor of Education, second semester, full pay; to study the influence, over a period of ten years, of the recommendations of the Committee on Historical Foundations of Education of the National

Society of College Teachers of Education upon university research, course offerings, and teaching in the history of education.

- J. MYRON ATKIN, Associate Professor of Education, first semester, full pay; to further research interests, specifically by establishing liaison with the only other investigator directing a course-content improvement program in elementary school science supported by the National Science Foundation.
- J. THOMAS HASTINGS, Professor of Education, six months beginning August 1, 1961, full pay; to complete some writing and data summarizations, to plan further research, and to observe some agencies of similar function at other universities.
- CELIA B. STENDLER, Professor of Education, full year beginning September 1, 1961, one-half pay; to study the possible contribution of certain early perceptual experiences, provided in European homes and schools, to the cognitive development of young children.

College of Engineering

Department of Electrical Engineering

- PAUL E. MAYES, Associate Professor of Electrical Engineering, September 1, 1961, to February 1, 1962, full pay; to pursue studies in electromagnetic theory, particularly techniques for solving Maxwell's equations for the lowest order propagation factor on periodic structures which produce very slow waves.

Department of Physics

- ALFRED O. HANSON, Professor of Physics, first semester, full pay, or second semester, full pay; to study and to take part in the high energy physics work with the 30 BeV synchrotron at Brookhaven National Laboratory.
- ROBERT I. HULSIZER, Professor of Physics, first semester, full pay; to work with a high-energy particle-accelerator and to learn the experimental techniques involved in exploring the properties of the strange elementary particles.
- JOHN C. WHEATLEY, Associate Professor of Physics, full year, one-half pay; to serve as a guest professor at the Institute of Physics, at S.C. de Bariloche in Argentina, by giving a course of lectures on low temperature physics and directing low temperature research program at that Institute.

College of Fine and Applied Arts

Department of Architecture

- GEORGE T. CLAYTON, Associate Professor of Architecture, second semester, full pay; to investigate in detail the principles and techniques of the design, production, and erection of manufactured building components for fire resistive buildings.
- WALTER M. JOHNSON, Associate Professor of Architectural Drawing, second semester, full pay; for a survey of art education as developed in the continuing adult education programs in selected state-supported universities and colleges.
- ALAN K. LAING, Professor of Architecture and Chairman of the Department, full year, one-half pay; for a study of the projected design for the Cathedral of St. Pierre at Beauvais, France, and of other architectural monuments in Europe.

Department of Art

- EDWARD H. BETTS, Professor of Art, second semester, full pay; for creative work in painting, using a totally new environment as a fresh source of inspiration for landscape imagery.
- CARLETON W. BRIGGS, Associate Professor of Art, first semester, full pay; to apply fullest possible consecutive time to painting, and to plan and begin revision of a textbook now in use, the supply of which will be exhausted by 1963-64.
- RICHARD E. HULT, Associate Professor of Art, second semester, full pay; to study and complete experiments in portrait painting to develop a more creative, interpretive, and personal means of expression.
- RAYMOND PERLMAN, Associate Professor of Art, second semester, full pay; to travel and study throughout the United States, Mexico, and Central America.

to re-establish close contact with applicant's field of advertising design and to draw, paint, and design experimentally.

- EDWIN C. RAE, Professor of Art, full year, one-half pay; to investigate character and extent of late medieval sculpture in Ireland, and to study Romanesque sculpture in France for itself and as possible source for Irish sculpture.

School of Music

- PETER S. FARRELL, Assistant Professor of Music, second semester, full pay; for a study of body movements in string instrument playing, with special attention to coordinated movements involving use of the spine and shoulder girdle as levers. (Alternate plan: to organize, and present as a system for use in playing and teaching, the presently available knowledge about body movements in string playing.)

- LEJAREN A. HILLER, JR., Assistant Professor of Music, first semester, full pay; for the study of electronic and experimental music processes at important music centers in this country and Europe, and the composition of original electronic music.

- CHARLES LEONHARD, Professor of Music, second semester, full pay; to carry on independent study of aesthetics, consult with aestheticians, and derive implications of aesthetic theory for the conduct of the public school music program.

- GRACE E. WILSON, Associate Professor of Music, second semester, full pay; primarily to pursue further study in vocal physiology and pedagogy, secondly to continue study in vocal technique and solo literature.

Graduate College

- DAVID E. MULLER, Professor of Applied Mathematics, Digital Computer Laboratory, full year, one-half pay; for continuing research in the theory of switching and the logic of computers.

Institute of Government and Public Affairs

- SAMUEL K. GOVE, Associate Professor, six months beginning March 1, 1962, full pay; to study the use of publicly supported higher educational institutions by the political parties in selected states.

- GILBERT Y. STEINER, Professor and Director of the Institute of Government and Public Affairs, six months beginning September 1, 1961, full pay; to study and compare ways of using university resources to meet problems of urban growth in various governmental systems.

Institute of Labor and Industrial Relations

- MILTON DERBER, Professor of Labor and Industrial Relations, six months beginning September 1, 1961, full pay; for research on worker and union participation in management in Israel; and to study effects of various programs on economic performance and as systems of industrial democracy.

- O. HERMAN ERICKSON, Professor of Labor and Industrial Relations, six months beginning September 1, 1961, full pay; to study the impact of adult education in Sweden or Denmark on social, political, and economic institutions.

College of Law

- ROBBEN W. FLEMING, Professor of Law, second semester, full pay; for preparation of a reference book on labor law.

College of Liberal Arts and Sciences

Department of Astronomy

- GEORGE C. McVITTIE, Professor of Astronomy and Head of the Department, second semester, full pay; to prepare the theoretical formulae in cosmology that will be used to interpret the data from the radio telescope of the University of Illinois and to revise and bring up to date "General Relativity and Cosmology," by George C. McVittie (London: Chapman and Hall, 1956).

Department of Botany

- LINDSAY M. BLACK, Professor of Botany and of Plant Pathology, first semester, full pay, and second semester, without pay, or full year, one-half pay; to

learn new chemical and physical techniques that will be useful in biological experiments with the plant viruses.

Department of Chemistry and Chemical Engineering

HERBERT E. CARTER, Professor of Biochemistry and Head of the Department of Chemistry and Chemical Engineering, first semester, full pay; to visit important biochemical departments and lipid research centers of Europe in order to study at first hand their present programs and long-range objectives.

HERBERT A. LAITINEN, Professor of Analytical Chemistry, second semester, full pay; to study experimental research techniques in high temperature electrochemistry.

KENNETH L. RINEHART, JR., Assistant Professor of Organic Chemistry, second semester, full pay; to study physical and chemical methods for the structural elucidation of natural products, as applied particularly to antibiotics.

Department of English

MURRAY KRIEGER, Professor of English, first semester, one-half pay; for completion of *The Classic Vision*, the final portion of a three-volume study, two volumes of which have been published.

ROBERT ORNSTEIN, Assistant Professor of English, first semester, one-half pay, and second semester, without pay; to devote the year to work on a scholarly book on Shakespeare's history plays.

J. KERKER QUINN, Associate Professor of English, second semester, full pay; for preparation of an edition of correspondence between W. B. Yeats and F. P. Sturim, and investigation of Sturim's life and work.

ROBERT L. SCHNEIDER, Assistant Professor of English, first semester, full pay; to provide time, free from teaching and committee work, for full concentration on a critical study of the fiction of George Eliot.

CHARLES H. SHATTUCK, Professor of English, full year, one-half pay; to compile for publication a descriptive catalog of all the discoverable Shakespeare prompt-books, from the beginnings to circa 1914-20.

HARRIS W. WILSON, Professor of English, full year, one-half pay; to launch and complete a study of H. G. Wells and the Fabians, based on the H. G. Wells Archive at the University of Illinois.

Department of French

BRUCE H. MAINOUS, Associate Professor of French, second semester, full pay; for European travel and research in nineteenth-century French literature utilizing primary sources in European collections, mainly in Paris and vicinity.

Division of General Studies

EDWIN M. BANKS, Assistant Professor of Biological Science and of Animal Behavior, Department of Animal Science, full year (February 1, 1962, to February 1, 1963), one-half pay, or second semester of 1961-62, full pay; full year leave contingent upon receipt of outside supplementary financial aid; to pursue a research program involving the psychosocial and physiological components of sexual behavior in sheep.

FRANK COSTIN, Associate Professor of Psychology and Counselor in the Student Counseling Service, first semester, full pay; to complete a study on the effects of abnormal psychology and mental hygiene courses on attitudes toward mental illness, and to visit universities doing similar kinds of research.

Department of Geography

JOSEPH A. RUSSELL, Professor of Geography and Head of the Department, second semester, full pay; to initiate field study in Greece and Turkey and to continue detailed field investigation of economic and geographic aspects of industrial dispersal in northern Italy.

Department of Geology

HAROLD W. SCOTT, Professor of Geology, second semester, full pay; to study handwritten manuscripts in the Rare Manuscript Library, University of Edinburgh, Scotland; these manuscripts cover geological thought prior to any published records.

Department of German

FRANCIS J. NOCK, Associate Professor of German and Acting Chairman of the Department, second semester, full pay; to study and collate certain manuscripts and fragments of the medieval German poem *Parzival* leading to a monograph study of their relationship.

Department of History

ARTHUR BESTOR, Professor of History, full year, one-half pay; to write a history of American constitutional development from the point of view of intellectual history as well as the history of constitutional law.

Department of Mathematics

ROBERT G. BARTLE, Associate Professor of Mathematics, first semester, full pay; for research at the University of California, Berkeley, and to renew contact with research mathematicians there.

DAVID G. BOURGIN, Professor of Mathematics, second semester, one-half pay; to pursue research on fixed point theory and mappings and to complete a monograph on this subject.

DONALD L. BURKHOLDER, Associate Professor of Mathematics, first semester, full pay; to devote full time to research in statistical decision theory.

Department of Physiology

WILLIAM H. JOHNSON, Associate Professor of Physiology, full year, one-half pay; for a study of mechanical properties of muscles obtained from European molluscan forms in an attempt to further elucidate molecular mechanisms underlying tonic contraction.

Department of Political Science

CHARLES M. KNEIER, Professor of Political Science, second semester, full pay; for a study of the legal and administrative problems which have developed in the field of federal-local relations in the period since 1930.

Department of Psychology

WESLEY C. BECKER, Associate Professor of Psychology, full year, one-half pay; to review the research literature on parent-child relationship and to undertake studies preliminary to a longitudinal study of parent-child relationships.

ALICE K. JONETZ, Associate Professor of Psychology and Clinical Counselor in the Student Counseling Service, full year, one-half pay; to complete a comparative study of achieving and nonachieving British and American students of superior ability and similar socio-economic background; the American study has been completed.

Department of Spanish and Italian

FRED P. ELLISON, Associate Professor of Spanish, second semester, full pay; for research and travel in Brazil concerned with an interpretation of social symbols in the dominant forms of the contemporary Brazilian novel, a cultural and aesthetic investigation.

Department of Speech and Theatre

MARTIN T. COBIN, Associate Professor of Speech, second semester, full pay; to study experimental methodologies and their application to research in the artistic function of language, particularly spoken language.

LEE S. HULTZÉN, Professor of Speech, first semester, without pay, and second semester, full pay; to investigate the validity for one or more languages of a theory of phonetic patterns determined by information content.

WESLEY SWANSON, Professor of Speech and Theatre, full year, one-half pay; for preparation of a book on the theories of Edward Gordon Craig, a precursor of "the new movement in the theatre," with especial attention to their genesis.

Department of Zoology

ROBERT M. SMITH, Professor of Zoology, second semester, full pay; to complete a monographic survey of the some 1,500 species and subspecies of Mexican amphibians and reptiles.

College of Physical Education

MARGARET ERLANGER, Associate Professor of Physical Education for Women, full year, one-half pay; for a study of Kabuki drama with special emphasis on the preparatory training program in dance, drama, and music.

HOWARD S. HOYMAN, Professor of Health Education and Head of the Department of Health and Safety Education, second semester, full pay; primarily to study school health education programs in the Scandinavian countries, particularly in Sweden, and school and public health education programs in Russia.

CHARLES P. POND, Assistant Professor of Physical Education for Men and Head Gymnastics Coach, full year, one-half pay; to study sports and physical education programs at the University of Bogotá and primitive sports practiced by Colombian peoples, and to lecture at the University and organize national sports programs and teams.

College of Veterinary Medicine

ELWOOD F. REBER, Professor of Veterinary Physiology and Pharmacology and of Veterinary Research, full year, one-half pay; to investigate thyroid physiology and the influence of climatic conditions on thyroid activity of swine.

Chicago Undergraduate Division

EVELYN FRANK, Professor of Mathematics, second semester, full pay; for continued research on continued fractions and applications to electronic computers, January to April, 1962; and for lectures and research at the Engineering University, Munich, on numerical analysis for computers, May to August, 1962.

W. NELL STALLINGS LOVE, Assistant Professor of English, second semester, full pay; to complete research in the use of the epyllion in selected Latin, British and American writers, and to continue research in Elizabethan song.

JOHN D. MCNEE, Associate Professor of Art, full year, one-half pay, or second semester, full pay; full year leave contingent upon receipt of supplementary outside financial assistance; to examine and study historical and current art works in Italy, to exchange ideas with Italian artists, and to explore the effects of the social milieu on the Italian artists and do creative work in painting.

CARL R. MELOY, Professor of Chemistry and Head of the Division of Physical Sciences, full year, one-half pay; for research in organic chemistry at the Imperial College of Science and Technology, London, where arrangements have been made with Dr. Owen of that institution for work with his research group.

CARL A. PITT, Associate Professor of Speech, second semester, full pay; for a study to determine the effectiveness of keynote speeches delivered before the six most recent national conventions of the Republican party.

ANDREW SCHILLER, Assistant Professor of English, second semester, full pay; to develop a linguistically based general theory of English metrics as a contribution toward supplanting the traditional system, long considered inadequate.

JAMES B. STRONKS, Assistant Professor of English, full year, one-half pay; to study in Sweden manuscript sources for a book on the early middle western realists, and, upon return, to finish that book.

ELIZABETH TEICHMANN, Assistant Professor of Foreign Languages, second semester, full pay; for research at the Bibliothèque Nationale, Paris, on the reception in France of the German poet, Ludwig Tieck; this comparative literature study deals with nineteenth-century Franco-German relations.

Chicago Professional Colleges

MADELEINE F. BARNOOTHY, Associate Professor of Physics, College of Pharmacy, second semester, full pay; to intensify research in the biological effects of magnetic fields by devoting full time to research and by visiting selected laboratories to learn a specific experimental technique.

RALPH DANIELS, Associate Professor of Chemistry, College of Pharmacy, full year, one-half pay; for research, advanced study, and scholarly writing in the fields of carbene and heterocyclic chemistry.

- ARTHUR LA VELLE, Associate Professor of Anatomy, College of Medicine, six months beginning October 1, 1961, full pay; to study and work on the problem of an immunochemical approach to the development of nerve cells.
- SAMUEL R. M. REYNOLDS, Professor of Anatomy and Head of the Department, College of Medicine, six months beginning August 1, 1962, full pay; for research and observation in the Women's National Hospital, University of New Zealand; the work will be done in collaboration with a former colleague who is now Professor of Obstetrics and Gynecology and Director of the Women's National Hospital, to bring together in a single line of work experiences gained in two independent lines of basic research over a period of twenty years in animal experimentation and observation of human patients.
- CEDRIC M. SMITH, Associate Professor of Pharmacology, College of Medicine, full year, one-half pay; to increase proficiency in research and teaching of neuropharmacology to medical and graduate students by intensive research training in neurological mechanisms of drug action.

On motion of Mr. Hughes, these leaves were granted as recommended.

AMENDMENT OF UNIVERSITY REGULATIONS FOR ADMINISTRATION OF ACCOUNTANCY LAW

(6) Under the Illinois Accountancy Law regulating the practice of public accounting, the University has the responsibility of determining by examination and otherwise the qualifications of applicants for the certificate of Certified Public Accountant, and of issuing such certificates. The University is empowered to adopt regulations for the administration of the examinations, said regulations being subject to approval by the Board of Trustees.

The Committee on Accountancy¹ recommends that the provision in Section 16 which relates to "The Study of Accounting and Related Subjects" and proof of preliminary education required for admission to the Illinois Certified Public Accountant examinations be amended to read:

Official credentials indicating the successful completion of the required number of semester hours of residence or correspondence study in the subjects specified in the Act in institutions acceptable to the University. Credentials for study in residence or correspondence schools which specialize in business training are acceptable up to thirty semester hours in the subjects of accounting, auditing, economics, business law, and finance, provided satisfactory proof is presented that at least 50 per cent of their courses in accounting are taught by certified public accountants. Credit for study in accounting, auditing, economics, business law, and finance in excess of thirty semester hours and credit for study in other or additional subjects will be allowed: (1) if such study has been completed at regularly accredited institutions of higher learning, or (2) if such study has been completed in residence or correspondence schools which specialize in business training provided satisfactory proof is presented that at least 50 per cent of their courses in accounting are taught by certified public accountants and, provided further, that the semester hours of study in these subjects is equivalent to comparable courses offered by accredited institutions of higher learning. Accredited institutions of higher learning are those approved by a recognized regional accrediting agency such as the North Central Association or by an accrediting agency affiliated with the National Commission on Accrediting.

(The present portion of Section 16 which is being amended reads:

"Official credentials indicating the successful completion of the required number of semester hours of residence or correspondence study in the specified subjects in institutions acceptable to the University. Credentials of schools which specialize in business training are acceptable provided

¹The University's responsibilities, under the law, are administered by a Committee on Accountancy, appointed by the Board of Trustees on recommendation of the President of the University, and a Board of Examiners in Accountancy, three in number, which gives the examinations. The present members of the Committee are Professor Horace M. Gray, Chairman, Dean Charles W. Sanford, Mr. Edward J. Smith, and Professor J. Nelson Young. The members of the Board of Examiners are Mr. Allen C. Howard, Mr. William Deeming, and Mr. William Emery.

satisfactory proof is presented that at least 50 per cent of their courses in accounting are taught by certified public accountants.")

I concur and recommend that this change become effective for all candidates for the Certified Public Accountant examinations in November, 1961, and thereafter.

On motion of Mr. Clement, the recommended change in the regulations was approved.

APPROPRIATION BY ATHLETIC ASSOCIATION

(7) The Board of Directors of the Athletic Association has approved an appropriation of \$26,347 to supplement the budgeted item for insurance and retirement. Confirmation of this action is requested.

On motion of Mr. Swain, this action was confirmed.

NONRECURRING APPROPRIATION

(8) The Vice-President and Comptroller and the Vice-President and Provost recommend an appropriation of \$3,000 from the University General Reserve for replacement of the Varitype equipment in the Stenographic Service.

I concur.

On motion of Mr. Johnston, this appropriation was made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner, Mr. Wilkins.

CONTRACT FOR LANDSCAPING OF PEABODY DRIVE RESIDENCE HALLS AREA

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$19,259.85 to Twin City Nursery and Landscape Service, Inc., Urbana, the lowest bidder, for landscaping of the area of the Peabody Drive Residence Halls.

Funds are available in the construction account for these residence halls which were financed through a revenue bond issue.

I concur.

On motion of Mrs. Watkins, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner, Mr. Wilkins.

COMMONWEALTH FUND GRANT FOR STUDY OF MEDICAL EDUCATION

(10) The Commonwealth Fund has made a supplementary grant of \$128,000 to the University of Illinois College of Medicine for an additional two years beginning September 1, 1961, for the study and evaluation of the program in medical education. This is in addition to a grant of \$112,000 made in 1958 for the support of a two-year pilot program of educational research by the College of Medicine.

I have accepted this supplementary grant and am pleased to report it for the record.

This report was received for record.

PURCHASES

(11) The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One dual column gas chromatograph with accessories	Biological Chemistry	Barber-Colman Co., Wheelco Instruments Division, Chicago	\$ 8 102 00 net delivered
One plate and film microcomparator	Biological Chemistry	Gaertner Scientific Corp., Chicago	4 000 00 net delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One refrigerated centrifuge with continuous flow system	Biological Chemistry	Ivan Sorvall, Inc., Norwalk, Conn.	\$ 3 005 00 net delivered
18 items of stainless steel cages, racks, pans, and accessory parts for Medical Research Laboratory, totaling 3,137 pieces	Medical Research Laboratory	Joseph T. Ryerson & Sons, Inc., Chicago	186 905 26 net delivered
One medical gas monitor	Pharmacology, College of Medicine	Beckman Instruments, Inc., Spinco Division, Lincolnwood, Chicago	2 580 00 f.o.b. delivered
One variable speed 11-in. swing, 2,000 r.p.m., precision tool room lathe	Pharmacology, College of Medicine	Boyd-Wagner Co., Chicago	2 740 00 net delivered
500,000 primidone tablets, 0.25 gm. (This is a six-month supply.)	Pharmacy	Averat Laboratories, Chicago	13 290 00 delivered
50,000 hydrochlorothiazide tablets, 50 mg.	Pharmacy	Ciba Pharmaceutical, Chicago	2 783 00 net delivered
50,000 hydrochlorothiazide tablets, 25 mg. (This represents a three-month supply.)			
20,000 tetracycline V capsules, 250 mg. (This is a three-month supply.)	Pharmacy	E. R. Squibb & Sons, Franklin Park	3 508 00 net delivered
One X-ray spectrograph and accessories	Research and Educational Hospitals	Philips Electronic Instruments, Chicago	16 543 00 net delivered
One lot of laboratory supplies consisting of 600 thermometers, 135 boxes rubber tubing, 444 plastic bottles, 336 bags of corks, 12 funnels, 462 boxes filter paper, 144 graduates, 96 sponges, 96 dozen capillary tubes, 2640 pints reagent chemicals, 72 rolls plastic film, and 400 cases Pyrex laboratory glassware	General Stores	E. H. Sargent & Co., Chicago	12 439 05 net delivered
30 microscopes, less trade-in allowance of thirty used microscopes	Student Supply Store	A. S. Aloe Co., Schiller Park	5 602 25 net delivered

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
5,000 copies each of eight different soil maps; total of 40,000 maps	Agronomy	Altoona Map Co., Baltimore, Md.	\$10 740 00 f.o.b. delivered
Deposit for providing three-phase electric power service to the Radio Astronomy Station at Union Corner, Ill.	Astronomy	Illinois Power Co., Danville	4 100 00
One ultracentrifuge with two rotors, tubes, and quartz tube scanner	Botany	Beckman Instruments, Inc., Spinco Division, Palo Alto, Calif.	8 635 85 f.o.b. delivered
One analog computer, "demonstrator" with new equipment guarantee, portable, all-transistorized, with X-Y plotter, expandable modular construction, nonlinear components available to generate x^3 , $\log x$, or arbitrary functions, and electronic multipliers	Chemistry and Chemical Engineering	R. Edward Stemm, Inc., Chicago	10 854 90 f.o.b. delivered
One ultracentrifuge with three rotors to accept 38.5 c.c., 34 c.c., and 13.5 c.c. tubes	Chemistry and Chemical Engineering	Beckman Instruments, Inc., Spinco Division, Palo Alto, Calif.	8 030 00 f.o.b. delivered
One complete motion analyzer with automatic readout consisting of one projection head, one projection case with 10X magnification, and one automatic readout and printer for the above projection case	Chemistry and Chemical Engineering	Vanguard Instrument Corp., Roosevelt, Long Island, N.Y.	9 450 00 f.o.b. delivered
Laboratory apparatus and equipment	General Chemical Stores	E. H. Sargent & Co., Chicago	3 151 00 f.o.b. delivered
Laboratory apparatus and equipment	General Chemical Stores	Schaar & Co., Chicago	4 726 24 f.o.b. delivered
One dual beam oscilloscope, d.c.-30m.c. with sweep delay range of 0.5 microseconds to 50 seconds	Coordinated Science Laboratory	Tektronix, Inc., Park Ridge	3 210 00 f.o.b. delivered
One mobile oscilloscope table with supporting cradles to support two plug-in preamplifiers			Portland, Ore.
Two dual-trace d.c. plug-in preamplifiers			

Item	Department	Vendor	Cost
Polarized, etched-foli tantalum capacitors: 250 8 mfd., 100 volts working 250 18 mfd., 50 volts working 250 60 mfd., 15 volts working 250 250 mfd., 15 volts working	Digital Computer Laboratory	Standard Pressed Steel Co., Jenkintown, Pa.	\$2 937 30 f.o.b. Nashville, Tenn.
One high-frequency bridge, range 300-2400 m.c., and One UHF power signal generator, range 275-2750 m.c.	Digital Computer Laboratory	Rohde & Schwarz Sales Co., Inc., Passaic, N.J.	8 985 00 f.o.b. delivered
50,000 (approximately) glass germanium diodes per specifications developed in the Digital Computer Laboratory	Digital Computer Laboratory	Clevite Transistor, Waltham, Mass.	55 000 00 f.o.b. delivered
One twin channel high-frequency receiver, frequency range 1 to 30 m.c./s, IF output 100 k.c./s at 75 ohms	Electrical Engineering	Racal Engineering Ltd., Somerville, Mass.	8 425 00 f.o.b. delivered
One high-resolution high-contrast electron microscope with acceleration voltages 40, 60, 80, and 100 kv.; 210 times to 100,000 times magnification continuously variable during operation; airlocks; and vacuum system with buffer tank	Electron Microscope Laboratory	Siemens New York, Inc., New York, N.Y.	39 900 00 f.o.b. delivered
Examinations, special graduate record type: 1,325, including 838 aptitude, 9 advanced, 478 advanced aptitude 501 (estimated to include 325 aptitude) 2 advanced and 173 advanced aptitude	Graduate College	Educational Testing Service, Princeton, N.J.	5 984 49 f.o.b. Princeton, N.J.
Sixteen fifteen-tray card catalog units Seven bases for catalog units Seven cornices for catalog units Two sixty-tray card catalog units	Library	Gaylord Bros., Inc., Syracuse, N.Y.	3 629 00 f.o.b. delivered
One ultracentrifuge with two rotors and rotor temperature indicator	Microbiology	Beckman Instruments, Inc., Spinco Division, Palo Alto, Calif.	7 885 00 f.o.b. delivered
Repair and renovate the Auditorium organ to include new chests, relays, revoicing, instrumentation, and tuning	Music	Wicks Organ Co., Highland	39 982 00 f.o.b. delivered
One tally punch completely compatible and mated for binary coded decimal information with the 512-channel scaler analyzer	Physics	Radiation Counter Laboratories, Inc., Skokie	3 250 00 f.o.b. Skokie
One fast rise oscilloscope d.c.-30 m.c., 12 nanoseconds rise time; three plug-in preamplifiers; one time marker; and one portable scope cart	Physics	Tektronix, Inc., Park Ridge	2 505 00 f.o.b. Portland, Ore.
One leak detector, helium mass spectrometer type, sensitivity one part of helium in ten million parts of air, noise level less 2 per cent full scale, including one double valve inlet assembly, and sensitivity calibrator	Physics	Vacuum-Electronics Corp., Plainview, Long Island, N.Y.	4 115 00 f.o.b. delivered
1,316 feet round seamless brass tubing	Physics	Central Steel & Wire Co., Chicago	3 240 00 f.o.b. delivered
One plant growth room 9 ft. x 6 ft. x 8 ft. with 3,000 foot candles of light at 36 in., walk-in model, complete with movable work bench and thermostatically controlled heat units	Plant Pathology	Percival Refrigeration & Manufacturing Co., Boone, Iowa	5 365 00 f.o.b. delivered
1,300 copies of <i>An Investigation of Response Error</i> , by Lansing, Ginsburg, and Braaten, approximately 304 pages per copy	Bureau of Economic and Business Research	Edwards Bros., Inc., Ann Arbor, Mich.	2 775 35 f.o.b. delivered
Print and bind 3,000 copies of <i>Public Higher Education in Illinois</i> , approximately 240 pages per copy	Office of Admissions and Records	American Book-Stratford Press, Inc., New York, N.Y.	3 261 61 f.o.b. delivered
3,500 copies of <i>The Process and Effects of Mass Communication</i> , by Wilbur Schramm, approximately 600 pages per copy	University Press	Edwards Bros., Inc., Ann Arbor, Mich.	4 786 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Print and bind 2,000 copies of <i>Elifak P. Lawry, Abolitionist Editor</i> , by Merton L. Dillon, approximately 208 pages per copy	University Press	George Banta Co., Chicago	\$3 386 00 f.o.b. delivered
Print and bind 40,000 copies of <i>You Learn to Sew</i> , approximately 20 pages per copy	Home Economics	P.D.Q. Printing Service, Urbana	2 863 00 f.o.b. delivered
464 settee-beds for Orchard Downs Apartments for married students and single Graduate Student Residence Hall	Housing Division	The Englander Co., Chicago	71 896 80 f.o.b. delivered
1,293 captain's chairs for single Graduate Student Residence Hall and Orchard Downs Apartments for married students	Housing Division	S. Buckman Furniture & Supply Co., Spring Valley	31 536 27 f.o.b. delivered
1,293 desks for single Graduate Student Residence Hall and Orchard Downs Apartments for married students	Housing Division	S. Buckman Furniture & Supply Co., Spring Valley	104 600 08 f.o.b. delivered
617 beds for Orchard Downs Apartments			
One stainless steel conveyor belt for Hobart model FT-24 dishwasher for Gregory Drive Residence Hall food area	Housing Division	Hobart Manufacturing Co., Troy, Ohio	3 094 00 Troy, Ohio
Labor and material to install new solution control valve and necessary accessories and fittings to modernize Illini Union absorption type air-conditioning system	Illini Union	Carrier Corp., Chicago	2 957 00 f.o.b. delivered and installed
12 rolls locker paper	Office Supply Store	O. K. Papers, Inc., Chicago	3 381 00 f.o.b. delivered
12 rolls butcher paper			
10 cases, 100 per case, quart-size containers			
150 cases, 12,000 per case, paper napkins, 12 in. x 13 in.			
100 cases, 7,500 per case, paper napkins, 12 in. x 16½ in.			
Furnish and install 84 guided venetian blinds in the Fine and Applied Arts Building	Physical Plant	Mackin Venetian Blind Co., Mokena	3 155 88 f.o.b. delivered and installed
150 (approximately) window air conditioners of various capacities to be furnished as needed during the period April 1, 1961, to September 30, 1961	Physical Plant	Yeomans Distributing Co., Peoria	23 385 95 f.o.b. delivered

On motion of Mr. Swain, these purchases were authorized.

On motion of Mr. Swain, a recommendation for the purchase of two film inspection machines for the Audio-Visual Aids Service, which had been included in the list of purchases recommended, was referred to a special committee to be appointed by the President of the Board.

COMPTROLLER'S REPORT OF CONTRACTS

(12) The Comptroller's report of contracts executed during the period February 1 to February 28, 1961.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Gas Association	Effects of alternating current on the corrosion of steels buried in soils	\$16 300 00	February 10, 1961
City of Decatur	Immediate and long-range needs of older citizens	7 500 00	January 15, 1961
Streator Civic Association	Appraisal of recreation and park resource and services	750 00	January 9, 1961
United States Air Force AF-33(600)-42393	Testing of concrete slabs and strips	5 000 00	December 14, 1960
United States Air Force AF-30(602)-2413	Correlation of propagation variation with D/F accuracy	248 990 00	January 3, 1961
United States Navy Nour-1834(37)	Investigation on the mechanism of antibody formation in the pig	25 449 00	November 1, 1960

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
General Electric Co.	Provide more efficient access to the library holdings and increase speed, accuracy, and efficiency of routines	\$30 000 00	January 30, 1961

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Kathleen F. Gallivan	Portion of second floor at 26 East Springfield Avenue, Champaign	\$ 55 00 per month	November 1, 1960
Massey-Ferguson, Inc.	One No. 35 tractor, one No. 31 balanced mower, one No. 62 plain plow	335 12 annually	July 1, 1960

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Griffin Wheel Co.	Properties of refractories as related to service in a steel pressure casting process	\$17 500 00	February 1, 1961
United States Air Force AF-33(616)-6079	Antenna research	119 989 00	October 28, 1960
United States Army DA-18-064-404 CHL 426	Synthesis of fluorine compounds	8 000 00	December 30, 1960
United States Atomic Energy Commission AT(11-1)-415	Unclassified research on electronic high-speed digital computers	600 000 00	January 13, 1961
United States Atomic Energy Commission AT(11-1)-67	Structural changes in metals due to annealing after deformation	24 385 00	January 17, 1961

Adjustments Made in 1960-61 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Twenty-four items: \$25.00 to \$970.00	\$ 2 687 00	January and February, 1961

This report was received for record.

CHANGE IN OFFICE OF LEGAL COUNSEL

(13) Mr. Ralph F. Lesemann, who has been Legal Counsel for the University of Illinois since July, 1951, has asked to be relieved of this administrative assignment because of his health. He is also Professor of Law on indefinite tenure but has no teaching assignments. He plans to leave the community to make his home again in Belleville, Illinois, where he lived while practicing law in East St. Louis, prior to joining the University staff. He is willing, however, to serve the University in a part-time capacity.

The University administration must, of course, respect the decision on grounds of health. At the same time we should like to take advantage of Mr. Lesemann's willingness to continue his services to the University. Accordingly, I recommend a change in Mr. Lesemann's status from that of Legal Counsel on full time to Special Counsel on 45 per cent time for such assignments of legal work as can be carried on by him at his headquarters in Belleville. In general, these assignments will consist of continuation of his services as counsel in existing, unfinished litigation, additional legal services in future court proceedings upon assignment, and special research problems which will draw upon his background and experience. Under this arrangement, assignments of work to Mr. Lesemann will be made by his successor as head of the Legal Counsel's Office and will be subject to appraisal by the head of that office. I also recommend an allowance of \$1,800 for the year for part-time secretarial services.

This arrangement is recommended for the year beginning September 1, 1961, and its continuation would be subject to mutual agreement and upon recommendation of the University Council.

I have appointed a special search committee¹ to make recommendations con-

¹ Dean Russell N. Sullivan of the College of Law, Mr. H. O. Farber, Vice-President and Comptroller, and Mr. A. J. Janata, Secretary of the Board of Trustees, Chairman.

cerning Mr. Lesemann's successor as Legal Counsel and such reorganization of his office as this change in its administration may involve.

On motion of Mr. Harewood, these recommendations were approved.

Mr. Johnston moved that the Board record its appreciation of Mr. Lesemann's services during the past ten years. Following other tributes expressed by several of the Trustees, particularly Mr. Dilliard and Mr. Hughes, this motion was adopted.

Mr. Lesemann responded briefly, thanking the Board.

EMPLOYMENT OF SPECIAL COUNSEL

(14) Suit has been filed in the Superior Court of Cook County by Leo F. Koch seeking judgment against the University in the sum of \$5,900, representing the salary which he would have received during the academic year 1960-61, plus interest and court costs, and also seeking a Writ of Certiorari and also asking the Court to set aside the action of the Board of Trustees of the University of Illinois in terminating his appointment at the University on August 31, 1960. It is recommended that the Board authorize the employment of Mr. Albert E. Jenner, Jr., as special counsel for the University to assist in the defense of this suit.

On motion of Mr. Swain, this recommendation was approved.

CHICAGO UNDERGRADUATE DIVISION SITE

(15) The action of the Board of Trustees at its meeting on February 16, 1961, accepting the offer of the Harrison-Halsted Streets site for the new Chicago Undergraduate Division campus authorized the President of the University to develop a memorandum of understanding between the University of Illinois, the city of Chicago, and the Chicago Land Clearance Commission, such memorandum to be presented to the Board for approval at a subsequent meeting.

President Henry stated that since the last meeting of the Board of Trustees, discussions have been held with representatives of the city of Chicago and the Chicago Land Clearance Commission concerning various phases of planning such as the priority for the delivery of various land parcels within the site, traffic questions, and the procedures to be followed in developing a contract for acquisition of the land by the University.

Ultimately, a contract will be executed by the Board of Trustees, but such contract will not be ready for Board action for several months. However, this does not mean that planning by the University will stop in the interim. In fact, the continuation of the University's studies on site planning is essential in order that sufficient information may be available to provide a firm basis for the contract terms with the city of Chicago and the Chicago Land Clearance Commission.

This report was received for record.

PRELIMINARY STUDIES OF MEDICAL SCIENCES ADDITION

Director C. S. Havens and Mr. Ambrose Richardson, Consulting Architect, reported on preliminary studies of an addition to the Medical Sciences Building, illustrating their presentation with drawings and building models.

This was presented for the information of the Board, and no action was requested or taken.

STUDY OF STUDENT ECONOMICS

(16) During the second semester of 1959-60, a study of student economics was conducted under the direction of a committee appointed by the Vice-President and Provost. A sample of 933 undergraduate students out of the total enrollment participated. The sample included students in all four undergraduate classes, in the professional colleges, and in the Graduate College, with categories for each grouping for married men, single men, and single women. The purposes of the

study were (a) to determine the cost to students of attendance at the University, including expenditures for all items; (b) to determine the income and sources of funds of such students, including the sources and value of the assets; and (c) to determine the debts of students, including the amounts and the purposes for which the debts were incurred.

The data compiled have provided the University with facts upon which to base policy decision regarding the effects of increases in tuition charges, the need for increased student financial aid, the need for part-time employment for students, and related measures.

Professor William A. Neiswanger of the Department of Economics, a member of the Committee, and Mr. Earl E. Ryder, Jr. and Mr. Jerry H. Currnutt, graduate students who worked with him on the project, were present at today's meeting and made a preliminary report of the study, the results of which will be published.

At the conclusion of this presentation, Professor Neiswanger answered questions.

On motion of Mr. Dilliard, the Board recorded its appreciation of the services of the members of the staff and students who participated in this study.

ILLINOIS BUDGETARY COMMISSION HEARINGS

(17) President Henry reported that the Illinois Budgetary Commission held hearings in Springfield, on Monday, March 13, 1961, on the University of Illinois operating budget for 1961-63, and also on the capital budgets and building programs of all six state universities.¹

The Commission endorsed a proposal for emergency legislation to allocate funds from the proceeds of the University's Bond Issue for construction at the state universities, with particular reference to providing funds for buildings and other capital improvements for which appropriations had been made for the biennium of 1959-61 but which have not been released.

This report was received for record.

CONFERENCE ON HIGHER EDUCATION

Mrs. Watkins reported on the annual Conference on Higher Education sponsored by the National Education Association, held in Chicago last week, which she attended as one of the representatives of the University of Illinois.

LEO F. KOCH CASE

Mr. Dilliard informed the Board that he has received a number of letters from various parts of the country regarding the action of the University in terminating the appointment of former Assistant Professor Leo F. Koch. Mr. Dilliard stated that in replying to these letters he informed the writers he was not in the position to discuss the case because he was not a member of the Board of Trustees when the action was taken.

ASSIGNMENT OF FUNDS FOR CONSTRUCTION OF ENTOMOLOGY BUILDING

At its meeting on January 18, 1961, the Board authorized contracts for the construction of the Entomology Building. It was reported that negotiations were under way to secure an additional federal grant of

¹The University of Illinois representatives at this hearing were: Mr. Kenney E. Williamson, President of the Board, Mr. Harold Pogue, Chairman of the Committee on Buildings and Grounds of the Board of Trustees, President David D. Henry, Vice-President and Comptroller, H. O. Farber, Vice-President Norman A. Parker, Vice-President Joseph S. Begando, Mr. C. S. Havens, Director of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, and Mr. Morris S. Kessler, Assistant to the Comptroller.

\$170,000 to match University funds of a like amount, which additional funds are necessary to underwrite the contracts for the construction of the building.

The recommendation to the Board did not state the specific source of University funds for the matching grant, and the Secretary requests authority to amend the minutes of the January 18 meeting to show that this assignment will be made from indirect costs available and accumulated from government research contracts.

On motion of Mr. Swain, this amendment was authorized.

APRIL MEETING

On motion of Mr. Johnston, the Board voted to hold its April meeting in Chicago on Wednesday, April 19, 1961, at an hour and place to be determined by the President and Secretary of the Board.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations, cancellations, and declinations; (4) leaves of absence; (5) cancellation of sabbatical leave of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ARBENZ, MARY H., Assistant Professor of Speech and Theatre, March 1-August 31, 1961, to render service during the second semester of the academic year, \$6,300 a year, supersedes (2-4-61).

ARCHER, WILLIAM K., Research Assistant Professor in the Institute of Communications Research, eight months from February 1, 1961, \$6,666.64 (2-4-61).

BENNETT, PHILIP E., Instructor in Theoretical and Applied Mechanics (C), $\frac{3}{4}$ time, six months from March 1, 1961, to render service during the second semester of the academic year, \$4,050 a year, supersedes (2-13-61).

BENTRUDE, WESLEY G., Research Assistant in Chemistry, one month from February 1, 1961, \$422.22 (2-18-61).

BURNS, RICHARD O., Instructor in Neurology and Neurological Surgery (Medicine), one year from January 1, 1961, without salary (2-3-61).

BUSTARD, SARAH M. S., Assistant in Verbal Communication (Division of General Studies), February 1-June 15, 1961, \$422.22 a month (2-4-61).

CHUANG, YAO HUANG, Assistant in Prices and Statistics, Department of Agricultural Economics (S), February 1-June 15, 1961, \$488.89 a month, supersedes (2-4-61).

CRIMMEL, HENRY H., JR., Instructor in Philosophy, February 1-June 15, 1961, \$644.45 a month (2-4-61).

CURTIS, HERBERT J., Associate Professor of Mathematics, on indefinite tenure, and Acting Head of the Division (Chicago Undergraduate Division), six months from March 1, 1961, to render service during the second semester of the academic year, \$8,000 a year, supersedes (2-4-61).

DE FRIES, JOHN C., Assistant Professor of Genetics, Department of Dairy Science (C and S), seven months from February 1, 1961, \$7,350 a year, supersedes (2-4-61).

DODD, LLOYD E., Instructor in English (Chicago Undergraduate Division), $\frac{3}{4}$ time, February 1-June 30, 1961, to render service during the second semester of the academic year, \$2,025 (2-4-61).

ELIAS, BASIL C., Assistant in Economics (Chicago Undergraduate Division), February 1-June 15, 1961, \$2,000 (2-21-61).

ENDERBY, CHARLES E., Assistant Professor of Electrical Engineering (S), seven months from February 1, 1961, \$8,500 a year, supersedes (2-13-61).

GAINES, ALAN M., Assistant in Physical Sciences (Chicago Undergraduate Division), February 1-June 15, 1961, \$500 a month (2-4-61).

- GIBSON, MRS. A. JANE, Research Associate in Chemistry, five months from February 1, 1961, \$583.33 a month (2-18-61).
- GOURI SHANKAR, VEMBU, Assistant Professor of Electrical Engineering (C), March 1-August 31, 1961, to render service during the second semester of the academic year, \$6,800 a year, supersedes (2-4-61).
- GRAY, MRS. MARY T., Research Assistant in the Digital Computer Laboratory, February 1-June 15, 1961, \$577.77 a month, supersedes (2-16-61).
- GRIEST, GUINEVERE L., Instructor in English (Chicago Undergraduate Division), March 1-August 31, 1961, to render service during the second semester of the academic year, \$3,200 (2-4-61).
- HAMBY, WILLIAM M., Clinical Assistant in Medicine (Medicine), seven months from February 1, 1961, without salary (2-3-61).
- HARPER, JAMES A., Project Assistant in the State Natural History Survey, February 15-August 31, 1961, \$5,040 a year (2-13-61).
- HARRIS, MRS. ELEANOR K., Instructor in English (Chicago Undergraduate Division), $\frac{3}{4}$ time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$2,100, supersedes (2-4-61).
- IGARASHI, RICHARD T., Research Assistant in Microbiology, January 30-June 15, 1961, \$500 a month, supersedes (2-13-61).
- ILLEL, JAIME, Assistant in Anesthesiology, Department of Surgery (Medicine), five months from February 1, 1961, without salary (2-18-61).
- IM, YONG AE, Research Associate in Chemistry, one year from February 1, 1961, \$6,000 (2-18-61).
- KNUDSON, EDWARD C., Assistant Professor of Economics (Chicago Undergraduate Division), $\frac{1}{2}$ time, February 1-June 15, 1961, \$1,650 (2-21-61).
- KOHN, ALAN R., Clinical Counselor in the Student Counseling Service (Provost's Office), $\frac{3}{4}$ time, February 1-June 15, 1961, \$466.66 a month (2-4-61).
- KOKORUBZ, YAROSLAV T., Assistant in Anesthesiology, Department of Surgery (Medicine), five months from February 1, 1961, without salary (2-18-61).
- LEFKE, LOUIS W., Research Assistant in Civil Engineering (C and S), February 1-June 15, 1961, \$444.44 a month, supersedes (2-18-61).
- LERNER, RICHARD H., Instructor in English (Chicago Undergraduate Division), $\frac{1}{2}$ time, February 1-June 30, 1961, to render service during the second semester of the academic year, \$1,175 (2-4-61).
- LEVY, LAWRENCE S., Instructor in Mathematics, February 1-June 15, 1961, \$666.67 a month, supersedes (2-13-61).
- LICHTENBERGER, W. WAYNE, Research Assistant Professor of Electrical Engineering, $\frac{1}{4}$ time, and Research Assistant Professor in the Coordinated Science Laboratory, $\frac{3}{4}$ time (C), March 1-August 31, 1961, to render service during the second semester of the academic year, \$7,700 a year, supersedes (2-4-61).
- LIM, YUNG KUO, Research Associate in Physics (C), February 1-December 31, 1961, \$7,000 a year, supersedes (2-1-61).
- LYTTON, DALE F., Research Assistant in Sociology, four months from February 1, 1961, \$422.22 a month, supersedes (2-18-61).
- MEUWESE, WILHELMUS A. T., Research Assistant in Psychology, March 1-June 15, 1961, \$422.22 a month, supersedes (2-21-61).
- MONTEVERDE, DIEGO, Assistant in Neurology and Neurological Surgery (Medicine), one year from January 1, 1961, without salary (2-18-61).
- MYERS, ALBERT E., Instructor in Psychology, $\frac{3}{4}$ time, February 1-June 15, 1961, \$1,687.50, supersedes (2-18-61).
- NEVEL, DONALD E., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, to render service during the second semester of the academic year, March 1-August 31, 1961, \$1,350 (2-18-61).
- OPPENLANDER, RENATE M. E., Assistant in Veterinary Pathology and Hygiene (College of Veterinary Medicine), seven months from February 1, 1961, \$4,650 a year (2-18-61).
- PANOS, CHARLES, Assistant Professor of Biological Chemistry (Medicine), nine months from December 1, 1960, \$8,200 a year, supersedes (2-18-61).
- ROSE, KENNETH, Research Associate in Electrical Engineering (S), seven months from February 1, 1961, \$7,800 a year, supersedes (2-4-61).
- SADJADPOUR, KAMAL, Assistant in Neurology and Neurological Surgery (Medicine), one year from January 1, 1961, without salary (2-18-61).

- SCHNEEMANN, CAROLEE, Instructor in Architecture and Art (Chicago Undergraduate Division), $\frac{1}{2}$ time, six months from March 1, 1961, to render service during the second semester of the academic year, \$1,625 (2-21-61).
- SKAPARS, IRENE, Research Assistant in Microbiology (Medicine), February 6-August 31, 1961, \$4,650 a year (2-18-61).
- SMALL, DANA, Assistant Professor of Education (University High School), June 20-August 11, 1961, \$2,000 (2-18-61).
- STEIN, HERBERT J., Instructor in Electrical Engineering (C), $\frac{3}{4}$ time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$312.50 a month, supersedes (2-4-61).
- SUN, JOSEPHINE, Catalog Assistant in the Library, six months from March 1, 1961, \$5,200 a year (2-24-61).
- SUNDARESAN, P. R., Research Associate in the Radiocarbon Laboratory, seven months from February 1, 1961, \$6,000 a year (2-7-61).
- TAN, CHOR-WENG, Assistant in General Engineering, $\frac{1}{2}$ time, and Research Assistant in Mechanical Engineering, $\frac{1}{2}$ time, (C), February 1-June 15, 1961, \$444.44 a month, supersedes (2-4-61).
- TANNER, MARIAN L., Assistant in Home Economics (C and S), February 1-June 15, 1961, \$422.22 a month, supersedes (2-4-61).
- WHITE, MRS. LOUISE D., Instructor in Foreign Languages (Chicago Undergraduate Division), $\frac{1}{2}$ time, February 1-June 30, 1961, to render service during the second semester of the academic year, \$1,250 (2-4-61).
- WILSON, HOWARD B., JR., Research Associate in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$2,700 a year, supersedes (2-18-61).
- YAMAUCHI, KUNIO, Research Associate in Food Technology (S), one year from September 1, 1961, \$5,500 (2-18-61).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- BECK, WALTER E., Mathematics Institute Fellow in Mathematics, February 1-June 15, 1961, \$2,375, supersedes (2-24-61); and two months from June 16, 1961, \$1,080 (2-27-61).
- BELLOWS, SYLVIA D., United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation in Education, February 1-June 15, 1961, \$1,000 (2-14-61).
- CLARKE, GREGORY B., United States Public Health Service Fellow (Trainee) in Food Technology, seven months from February 1, 1961, \$2,200 (1-27-61).
- CONRAD, H. EDWARD, Postdoctoral Fellow in Chemistry, July 1, 1960-August 31, 1961, \$8,000 a year (2-21-61).
- CRIDER, QUINCY, National Institutes of Health Fellow (Trainee) in Nutrition (Animal Science), seven months from February 1, 1961, \$1,400 (2-1-61).
- HAMMES, HENRY R., Mathematics Institute Fellow in Mathematics, February 1-June 15, 1961, \$2,400, supersedes (2-14-61).
- HEDEGAARD, JENS, Postdoctoral Fellow (Trainee) in Chemistry, eight months from January 1, 1961, \$6,600 a year (2-13-61).
- INOUE, HIRO, Lauterbach Memorial Fellow in Food Technology, seven months from February 1, 1961, \$1,166.67 (11-10-60).
- KINSTLE, THOMAS H., Gillette-Toni Fellow in Chemistry, February 1-June 15, 1961, \$1,250 (2-14-61).
- LEHMANN, JOHN R., Television Shares Management Corporation Teaching Fellow in Electrical Engineering, February 1-June 15, 1961, \$1,000 (2-8-61).
- MARQUINEZ, ANA C., United States Public Health Service Fellow (Trainee) in Psychiatry at the Chicago Professional Colleges, eight months from January 1, 1961, \$2,400 (2-10-61).
- MEREDITH, MARY J., United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation in Education, February 1-June 15, 1961, \$1,000 (2-14-61).
- OSTHOFF, F. IRENE, United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation in Education, February 1-June 15, 1961, \$1,000 (2-14-61).

- RAFF, LIONEL M., Minnesota Mining and Manufacturing Company Fellow in Chemistry, two months from February 1, 1961, \$444.44 (2-2-61).
- REYNOLDS, HARRY A., JR., United States Public Health Service Fellow (Trainee) in Veterinary Medicine, one year from February 1, 1961, \$5,000 (1-19-61).
- SIMS, LESLIE B., Sun Oil Company Fellow in Chemistry, February 1-June 15, 1961, \$1,150, supersedes (2-10-61).
- SWANSON, CONSTANCE M., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- TEEL, CALVIN R., United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation in Education, February 1-June 15, 1961, \$900 (2-14-61).
- VALENTINE, RAYMOND C., United States Public Health Service Fellow (Trainee) in Microbiology, February 1-June 15, 1961, \$1,500 (2-13-61).
- WEBB, RYLAND E., National Institutes of Health Fellow (Trainee) in Nutrition (Animal Science), seven months from February 1, 1961, \$1,400 (2-1-61).

RESIGNATIONS, CANCELLATIONS, AND DECLINATIONS

- BAKONY, HEDWIG C., Clinical Instructor in Psychiatry (Medicine)—declination effective January 1, 1961.
- BECKER, ROBERT A., Professor of Physics—resignation effective September 1, 1961.
- BERG, DARLA, Therese Garner Fellow in Political Science—resignation effective February 1, 1961.
- CONRAD, H. EDWARD, Research Associate in Chemistry—resignation effective July 1, 1960.
- FERRARA, WILLIAM L., Fellow in Accountancy—declination effective June 16, 1961.
- GEE, WILSON, Visiting Professor in Rural Sociology, Department of Agricultural Economics—cancellation effective February 1, 1961.
- GLASER, MILTON R., Staff Physician in the Health Center and McKinley Hospital—resignation effective September 1, 1961.
- HEDEGAARD, JENS, Research Associate in Chemistry—resignation effective January 1, 1961.
- HEDVIG, THOMAS I., Instructor in Electrical Engineering—resignation effective March 1, 1961.
- KOHLIS, CARL W., Assistant Professor of Mathematics—resignation effective September 1, 1961.
- LAL, MANOHAR, Fellow in Electrical Engineering—resignation effective February 1, 1961.
- LAMB, JAMIE P., JR., Fellow in Mechanical Engineering—resignation effective February 1, 1961.
- LEVY, LAWRENCE S., Teaching Fellow in Mathematics—resignation effective February 1, 1961.
- MARTIN, CLIFFORD K., Assistant in Soil Fertility, Department of Agronomy—resignation effective February 1, 1961.
- NICHOLSON, EDWARD D., United States Public Health Service Fellow (Trainee), Level II (Measurement), in Psychology—resignation effective February 1, 1961.
- O'BRIEN, MARILYN, Samuel Higby Camp Foundation Fellow in the Chicago Professional Colleges—resignation effective April 1, 1961.
- PERCHONOK, KENNETH S., United States Public Health Service Fellow (Trainee) in Psychology—resignation effective February 1, 1961.
- ROSENFELD, SYLVIA A. S., Fellow in Speech—resignation effective February 1, 1961.
- SCHMALZ, GRETCHEN M., Assistant in Occupational Therapy (Medicine)—resignation effective March 8, 1961.
- UCHIYAMA, MITSURU, Research Associate in Food Technology—resignation effective April 1, 1961.
- VALENTINE, RAYMOND C., United States Public Health Service Fellow (Trainee) in Microbiology—resignation effective February 1, 1961.
- WHITENER, ROBERT W., Psychiatrist and Associate Professor of Hygiene in the Health Service—resignation effective July 1, 1961.

WORTHLEY, WILLIAM J., United States Public Health Service Fellow (Trainee) in Speech (Office of Vocational Rehabilitation) — resignation effective February 1, 1961.

ZAHNER, JOHN C., Fellow in Chemical Engineering — resignation effective March 1, 1961.

LEAVES OF ABSENCE

CORLISS, JOHN O., Associate Professor of Zoology — additional leave of absence, without pay, for one year from September 1, 1961.

MILLIGAN, BURTON A., Professor of English — leave of absence on account of ill health, with full pay, beginning September 1, 1960, and continuing to January 12, 1961.

SHAFFER, PAUL R., Professor of Geology and Acting Head of the Department — leave of absence, without pay, for one year from September 1, 1961, so that he may serve on the staff of the National Science Foundation as Program Director in the Division of Scientific Personnel and Education.

SNIDER, CLYDE F., Professor of Political Science and Chairman of the Department — leave of absence on account of ill health, with full pay, beginning February 20 and continuing through August 31, 1961.

STOECKER, WILBERT F., Associate Professor of Mechanical Engineering (C) — extension of leave of absence, without pay, for one year from September 1, 1961, so that he may continue his graduate studies for the degree of Doctor of Philosophy.

WUERKER, RUDOLPH G., Professor of Mining Engineering, in the Department of Mining and Metallurgical Engineering (C) — leave of absence on account of illness, with full pay, from February 1 to April 17, 1961; and leave of absence, without pay, from April 17 and continuing until further notice.

CANCELLATION OF SABBATICAL LEAVE OF ABSENCE

MILLIGAN, BURTON A., Professor of English — sabbatical leave of absence, with full pay, granted him for the first semester of 1960-61, cancelled without prejudice.

MR. WIRT HERRICK

At this point, Mr. Wirt Herrick, whose term as Trustee has expired and who was a guest at today's meeting, requested the privilege of the floor.

He stated that because of ill health he was unable to attend the Board meeting on February 15, 1961, his last as a Trustee, and he desired to take this occasion to express his appreciation of the privilege of having served as a Trustee of the University of Illinois during the past twelve years, and to thank the Board for the resolution it adopted at the February meeting.

RECESS

On motion of Mr. Johnston, an executive session was ordered, to be held after a recess, for consideration of reports and recommendations relating to property acquisitions, patentable inventions, and personnel matters.

On motion of Mr. Harewood, the Board recessed for luncheon and for an inspection of the new Fine and Applied Arts Building and the Krannert Art Museum.

EXECUTIVE SESSION

The Board reconvened in executive session at 2:15 p.m. The same members of the Board, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes.

The Board resumed consideration of reports and recommendations from the President of the University.

RECOMMENDATION OF THE UNIVERSITY PATENT COMMITTEE

(1) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board and the President of the University, a recommendation relating to an invention described as: polymers with fused ring recurring units—Carl S. Marvel, Research Professor of Organic Chemistry, and Robert Z. Greenley, Research Assistant in Chemistry, inventors. It has been discovered that cyclic dienes may be polymerized by a reaction involving trans-annular polymerization to yield polymers which contain fused ring recurring units.

This is a new kind of high molecular weight material which has never been polymerized before and has applicability for use in development of plastics, rubber, and synthetic fibers.

The Committee recommends that the invention be released to the University of Illinois Foundation for development with the stipulation that the rights of the United States Air Force, sponsoring agency of the research which led to this invention, be recognized.

On motion of Mr. Clement, this recommendation was approved.

**MEMORANDUM OF UNDERSTANDING OR INTENT CONCERNING
A SITE FOR THE CHICAGO BRANCH OF
THE UNIVERSITY OF ILLINOIS**

(2) At the request of President David D. Henry, Director C. S. Havens reported on the present status of negotiations with the city of Chicago and the Chicago Land Clearance Commission for the acquisition of the Harrison-Halsted Street area for the Chicago Undergraduate Division. He presented preliminary drafts of a proposed letter to the Executive Director of the Chicago Land Clearance Commission, and Memorandum of Understanding or Intent Concerning a Site for the Chicago Branch of the University of Illinois which is being developed as an interim document preliminary to the drafting of a contract. He stated that it is necessary to advise the city of Chicago of the University's (i.e., the Board of Trustees of the University of Illinois) views on the terms under negotiation so that the city on its part may proceed with certain necessary steps including the passage of an ordinance which is scheduled for consideration by the City Council on March 22, 1961.

Legal Counsel Lesemann supplemented the report by Mr. Havens by discussing the legal aspects of the interim document and the contract to be developed in the light of continuing negotiations.

On motion of Mr. Johnston, the Board approved the preliminary drafts of the documents as presented, and authorized the appropriate University officials to prepare final drafts and to submit them to the Mayor of Chicago and to the Chicago Land Clearance Commission.

**TEMPORARY FOOD SERVICE FACILITIES
FOR ORCHARD DOWNS HOUSING**

A meeting of the Committee on Buildings and Grounds had been scheduled for today for consultation on temporary food service facilities for the Orchard Downs housing. Since time did not permit a Committee meeting, the President requested the Board to receive a report on this matter from Mr. Vernon L. Kretschmer, Director of Auxiliary Services.

Mr. Kretschmer presented a proposal for the construction of a temporary food service facility in the area of the Orchard Downs Apartments to provide food service for unmarried students who will be housed in these apartments until additional residence halls can be constructed to accommodate them. Funds will be advanced from Housing Division surplus and reserve accounts to finance this facility and will be repaid from the net revenue of food service operations.

When the food service building is no longer needed for this purpose, it can be converted into a Housing Division maintenance shop and equipment warehouse. A written report of Mr. Kretschmer's presentation was filed with the Secretary of the Board for record.

On motion of Mr. Swain, the Housing Division was authorized to proceed with the development of plans as outlined.

On motion of Mr. Johnston, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

April 19, 1961



The April meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Wednesday, April 19, 1961, beginning at 9:30 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Richard A. Harewood was not present when the meeting convened but joined the Board later as indicated in these minutes. Governor Otto Kerner was absent.

Also present were President David D. Henry, Vice-President and Provost Lyle H. Lanier, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Dr. J. S. Begando, Vice-President in charge of the Chicago Professional Colleges, Mr. C. S. Havens, Director of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. V. L. Kretschmer, Director of Auxiliary Services; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on November 16, 1960, press proof copies of which had previously been sent to the Board.

On motion of Mr. Swain, the minutes were approved as printed on pages 193 to 225, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
DONALD CORDELL AGNEW	Elmhurst	New York
THOMAS BARNETT FOREMAN, JR.	Chicago	District of Columbia
BENJAMIN GRUND	Lawrence, New York	New York
HUGH DAVID HAMMERSLAG	Rockford	Michigan
DELMAR EDWIN STEIN	Belleville	Missouri

I concur.

On motion of Mr. Johnston, these certificates were awarded.

APPOINTMENTS TO THE UNIVERSITY OF ILLINOIS CITIZENS COMMITTEE AND ITS EXECUTIVE COMMITTEE

(2) I submit the following nominations for additional appointments and reappointments to the University of Illinois Citizens Committee for the period ending December 31, 1963, and to its Executive Committee for the period ending December 31, 1961.

New Appointments

MRS. CHARLES W. BENNIS 20 Keokuk Street Lincoln, Illinois	WILLIAM A. LEE President, Chicago Federation of Labor 666 Lake Shore Drive Chicago, Illinois
MARC A. BUETTEL President, Ideal Industries, Inc. Sycamore, Illinois	H. CLAY TATE Editor, <i>The Daily Pantagraph</i> Bloomington, Illinois
JOEL GOLDBLATT President, Goldblatt Brothers, Inc. 333 South State Street Chicago, Illinois	MRS. RALPH S. THESEN 1621 Vermont Street Quincy, Illinois
RICHARD G. GORDLEY Retail Business Owner 105 West Main Mount Sterling, Illinois	ROY TUCHBREITER Insurance Executive, Continental Casualty Company 310 South Michigan Avenue Chicago 4, Illinois
MORTON H. HOLLINGSWORTH Insurance and Real Estate Agent 1309 Glenwood Avenue Joliet, Illinois	NICHOLAS P. VEEDER Chairman of the Board and President Granite City Steel Company Granite City, Illinois

Reappointments

MARK A. BROWN
Retired President, Harris Trust and
Savings Bank
111 West Monroe Street
Chicago 3, Illinois

THOMAS H. ROBERTS
President, DeKalb Agricultural
Association, Inc.
DeKalb, Illinois

WILLIAM M. SPENCER
Director, North American Car
Corporation
135 South LaSalle Street
Chicago 4, Illinois

CHARLES WHAM
Attorney
212½ East Broadway
Centralia, Illinois

Executive Committee

HUGH S. BONAR
Educational Consultant
811 Western Avenue
Joliet, Illinois

G. MURRAY CAMPBELL
Vice-President and Executive Repre-
sentative, Baltimore and Ohio Rail-
road Company
Grand Central Station
Chicago 7, Illinois

HENRY DRIEMEYER
Attorney
First National Bank Building
East St. Louis, Illinois

PRESTON F. GRANDON
Publisher-President, *The Daily Gazette*
Sterling, Illinois

W. JOE HILL
Attorney
500 Wood Building
Benton, Illinois

RONALD M. KIMBALL
Retired Banker
2425 Pioneer Road
Evanston, Illinois

VERLE V. KRAMER
Publisher, *The Gibson City Courier*
1123 North Sangamon Avenue
Gibson City, Illinois

LENOX R. LOHR
President, Museum of Science and
Industry
57th Street and South Lake Shore
Drive
Chicago 37, Illinois

OSCAR G. MAYER
Chairman of the Board, Oscar Mayer
and Company
1241 Sedgwick Street
Chicago 10, Illinois

GUY E. MCGAUGHEY
Attorney
913 State Street
Lawrenceville, Illinois

MRS. CLAUDIA S. NARANICK
Director, Illinois School of Psychiatric
Nursing
Jacksonville State Hospital
207 East Superior
Jacksonville, Illinois

MRS. MARGARET PELTZ
Publisher, *The Journal and Public*
Clinton, Illinois

On motion of Mr. Swain, these appointments were approved.

CHAIRMEN OF DEPARTMENTS

(3) The Dean of the College of Liberal Arts and Sciences recommends the following appointments and reappointments to departmental chairmanships for two years from September 1, 1961:

Department of Botany — Professor Wilson N. Stewart
Department of German — Associate Professor Frank G. Banta
Department of Philosophy — Professor Frederick L. Will
Department of Political Science — Professor Charles B. Hagan
Department of Zoology — Professor James B. Kitzmiller

The salary in each case will be determined when the budget for 1961-62 is submitted to the Board of Trustees for approval.

These recommendations have been made after consultation with the Executive Committees of the Departments and with the concurrence of the Vice-President and Provost and the Dean of the Graduate College. The University Statutes provide for biennial tenure for departmental chairmen.

I concur.

On motion of Mr. Wilkins, these appointments were approved.

APPOINTMENT OF ASSOCIATE DEAN OF THE GRADUATE COLLEGE

(4) The Dean of the Graduate College, with the concurrence of the Vice-President and Provost, recommends the appointment of Dr. Ivan Steiner, presently Associate Professor of Psychology and Associate Head of the Department at the University of Illinois, as Associate Dean of the Graduate College on one-half time, for two years beginning September 1, 1961, on a twelve-month service basis. Dr. Steiner will continue as Associate Professor of Psychology on indefinite tenure, on one-half time, on an academic year service basis. The salary of the combined position will be determined when the budget for 1961-62 is submitted to the Board of Trustees for approval.

This appointment is to replace Dr. J. Austin Ranney, Professor of Political Science and presently Associate Dean of the Graduate College, who will be on leave of absence next year and has asked to be relieved of this administrative assignment so that he may return to full-time teaching.

I concur.

On motion of Mr. Hughes, this appointment was approved.

APPOINTMENTS OF NONCITIZENS

(5) It has long been the policy of the University¹ not to appoint to its faculty or to employ in other capacities persons who are not citizens of the United States, or who have not declared their intention of becoming citizens, with the exception of temporary appointments of visiting professors and lecturers and of graduate students employed part time while working for advanced degrees. Faculty appointments of noncitizens have therefore been on annual or limited tenure basis, although a few indefinite tenure appointments have been approved in individual cases by specific Board action.

A review of this policy in the light of existing conditions and of practices of other colleges and universities indicates the need for revision. Accordingly, I recommend that the Board authorize the appointments of noncitizens to the faculty on indefinite tenure according to the following plan:

Prior to the appointment of a foreign national to the rank of Associate Professor or Professor with indefinite tenure, in addition to established regular procedures, approval must be obtained from a committee consisting of the Vice-President and Provost, the Dean of the Graduate College, and the dean of the college to which the prospective appointee will be assigned. This committee is to consider, among other things:

1. Whether the candidate has a sufficient command of the English language so that he may discharge with full effectiveness his instructional responsibilities;
2. Whether the candidate meets satisfactorily the standards for scholarly competence and promise which should prevail for appointees with indefinite tenure;
3. Whether the candidate has a satisfactory understanding and appreciation of the American environment, and a commitment to the purposes and program of a state university;
4. Whether the candidate, if not in the legal, at least in the fundamental and moral sense, will be a responsible citizen of the University, state, and national communities.

If the committee is in agreement that all four classes of criteria are satisfied, the candidate will be recommended for appointment with indefinite tenure. Otherwise, the committee will recommend either that the candidate not be appointed or that he be appointed for a fixed number of years.

All such appointments will be submitted to the Board for confirmation and the present practice of reporting other appointments to the faculty of the rank of Assistant Professor and above to the Board will be continued.

On motion of Mr. Clement, this recommendation was approved.

APPOINTMENTS TO THE FACULTY

(6) The following new appointments to the faculty of the rank of Assistant Pro-

¹ The policy stems from actions of the Board of Trustees on June 28, 1940, minutes page 978, and October 21, 1940, minutes, page 99.

fessor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. SAMUEL L. ANDELMAN, Lecturer with rank of Assistant Professor, in the Department of Preventive Medicine, beginning March 1, 1961, without salary (DY).
2. HOWARD G. ARONSON, Clinical Assistant Professor of Psychiatry, beginning March 1, 1961, without salary (DY).
3. CARL BEREITER, Assistant Professor of Education, beginning September 1, 1961, at an annual salary of \$8,000 (D).
4. SHUN WU CHU, Assistant Professor of Physical Medicine and Rehabilitation, in the College of Medicine, beginning July 1, 1961, at an annual salary of \$11,000 (DY).
5. W. DALE COMPTON, Associate Professor of Physics, beginning September 1, 1961, at an annual salary of \$10,000 (A).
6. FRIEDRICH DEINHARDT, Associate Professor of Microbiology, in the College of Medicine, beginning April 1, 1961, without salary (DY).
7. ADRIAAN DE WITTE, Professor of Petroleum Engineering, in the Department of Mining and Metallurgical Engineering, for three months from June 1, 1961, at the rate of \$1,111 per month (G), and beginning September 1, 1961, at an annual salary of \$10,000 (A).
8. RALPH L. GIBSON, Clinical Assistant Professor of Obstetrics and Gynecology, beginning April 1, 1961, without salary (DY).
9. STUART N. HAMPSHIRE, George A. Miller Visiting Professor of Philosophy, for five months from September 1, 1961, at a salary of \$8,000 (G).
10. CHARLES J. HEIBERGER, Clinical Assistant Professor of Obstetrics and Gynecology, beginning April 1, 1961, without salary (DY).
11. LAURENCE M. HURSH, Physician to McKinley Hospital and the Health Center and Associate Professor of Hygiene, beginning September 1, 1961, at an annual salary of \$15,000 (B).
12. CARL MORRIS, Visiting Professor of Art, for the period May 1 to 26, 1961, at a salary of \$2,000 (G).
13. ADRIAN E. SCHEIDEGGER, Visiting Professor of Geophysics, in the Graduate College, for four months from April 1, 1961, at a salary of \$4,900 (G).
14. FREDERICK S. SHAW, George A. Miller Visiting Professor of Civil Engineering, for the academic year 1961-62, at a salary of \$16,000 (E).
15. PIERRE SPRIET, Assistant Professor of French, beginning September 1, 1961, at an annual salary of \$7,500 (B).
16. HARVEY J. STAPLETON, Assistant Professor of Physics, beginning September 1, 1961, at an annual salary of \$7,200 (D).
17. HENRY R. ZIEL, Assistant Professor of Industrial Education, beginning September 1, 1961, at an annual salary of \$8,000 (B).

Appointments to Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointments to supervisory positions of upper-level responsibility.

1. JAMES O. AUSTIN, JR., Electronics Engineer, Department of Electrical Engineering, beginning February 8, 1961, at an annual salary of \$8,000.
2. MARTHA CLEAVELIN, Food Service Supervisor, Residence Halls, beginning January 17, 1961, on 60 per cent time, at an annual salary of \$2,406.
3. MARGARET A. CRAIG, Dietitian, McKinley Hospital, beginning February 1, 1961, at an annual salary of \$4,200.
4. MERLIN J. FOSTER, Computer Programmer I, Digital Computer Laboratory, beginning February 1, 1961, at an annual salary of \$5,160.
5. SYLVIA M. HARDIN, Food Service Supervisor, Residence Halls, beginning February 13, 1961, at an annual salary of \$4,010.
6. RAYMOND L. SLANKER, Assistant Art Editor, University Press Art Service, beginning January 1, 1961, at an annual salary of \$6,500.

On motion of Mr. Hughes, these appointments were confirmed.

SABBATICAL LEAVES OF ABSENCE, 1961-62

- (7) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1961-62 in accordance with the pro-

visions of the University of Illinois Statutes and on the terms and for the periods indicated. This is supplementary to the list of applications recommended to the Board of Trustees on March 14, 1961.

College of Commerce and Business Administration

V LEWIS BASSIE, Professor of Economics and Director of the Bureau of Economic and Business Research, full year, one-half pay; to make a comprehensive study in western European industrial countries of government subsidies covering money payments, provision of services below cost, tax concessions, and measures to raise prices.

College of Education

NORMAN E. GRONLUND, Professor of Education, second semester, full pay; for research in libraries and visits to selected schools to study the theory, research, and methods of measuring understandings, thinking skills, and other complex educational outcomes.

College of Physical Education

HAROLD E. KENNEY, Professor of Physical Education, second semester, full pay; for a study of physical education and athletic programs in high schools of Illinois, with some studies of schools in other states, to determine how the physical education programs at the University of Illinois might be improved to serve more adequately the needs of high school teachers of physical education and coaches; a secondary part of this program will be to get information on adequacies of facilities for physical education, recreation, and athletics provided by public school districts.

Chicago Undergraduate Division

MAURITA WILLETT, Assistant Professor of English, full year, one-half pay, or second semester, full pay; full year's leave contingent upon supplementary financial aid; for a comparative study of treatment of witchcraft and diabolism in American and Russian literature of the nineteenth century and of Russian folklore; work to be done chiefly at Harvard University and the other centers of Slavic literature.

On motion of Mr. Pogue, these leaves were granted, as recommended.

JANE ADDAMS GRADUATE SCHOOL OF SOCIAL WORK

(8) On recommendation of the Executive Committee of the School of Social Work and with the concurrence of the University administrative officers concerned, and of the Executive Committee of the University Council, I recommend that the name of the School be changed to the Jane Addams Graduate School of Social Work. The School will continue to have its headquarters at Urbana-Champaign but its Chicago activities, now housed at the Chicago Professional Colleges, will be rehoused in appropriate quarters on the new campus of the Chicago Undergraduate Division.

On motion of Mrs. Watkins, this recommendation was approved.

LANGUAGE REQUIREMENTS FOR ADMISSION

(9) The Urbana-Champaign and the Chicago Undergraduate Division Senates recommend that the language requirements for admission to all curricula in liberal arts and sciences and to the curricula in art and music in the College of Fine and Applied Arts be revised to read:

The foreign language requirement for admission is fulfilled by two units in any one foreign language taken in an accredited high school. Alternatively, the language requirement for admission may be fulfilled by passing an entrance examination in any foreign language which is regularly taught in the University. Less than one unit in a foreign language is not acceptable for admission.

This change will become effective immediately.

I concur.

On motion of Mr. Johnston, this recommendation was approved.

ADMISSION TO THE CURRICULA IN ARCHITECTURE

(10) The Urbana-Champaign and the Chicago Undergraduate Division Senates recommend that the requirements for admission to the curricula in architecture be revised to read as follows, effective September 1, 1963.

High School Subject	Number of Units	
	Required	Recommended Additional
English	3	1
Algebra	2	..
Plane Geometry	1	..
Trigonometry	$\frac{1}{2}$	..
College Preparatory Mathematics....	..	More
Science	2	1
Social Studies	2	1
Foreign Language	2	More
Freehand Drawing .....	..	1
	12.5	4 plus more mathematics and foreign language

Students in architecture who have only one unit of algebra and one unit of plane geometry may be admitted on condition that the deficiency is removed in the first year. No credit toward graduation will be allowed for mathematics courses taken to remove a deficiency in entrance requirements.

Required science must include at least one unit from two of the following subjects: physics and chemistry. A physical or biological science may be substituted for either physics or chemistry. General science may not be used as a required subject.

The foreign language requirement for admission is fulfilled by two units in any one foreign language taken in an accredited high school. Alternatively, the language requirement for admission may be fulfilled by passing an entrance examination in any foreign language which is regularly taught in the University. Less than one unit in a foreign language is not acceptable for admission.

A student entering the curricula in architecture as a freshman must have a scholastic rank in the upper half of his high school graduating class if he is a resident of Illinois, and a scholastic rank in the upper third of his high school graduating class if he is a nonresident of Illinois.

A student with twelve semester hours or more of university credit who transfers from another collegiate institution or from a department in the University of Illinois to the curricula in architecture must have a scholastic average in his collegiate work of not less than 3.25 in terms of the grading system of the University of Illinois.

I concur.

On motion of Mr. Swain, these changes were approved.

EXAMINATIONS IN HIGH SCHOOL AND COLLEGE SUBJECTS

(11) The University, through the Office of Admissions and Records, gives three types of examinations in high school and college subjects:

1. Entrance examinations to applicants for admission to the University who are not graduates of accredited high schools or are deficient in some high school subjects;
2. High school examinations for persons who seek to qualify for admission to the study of law; and
3. Examinations in college subjects (prelegal) also for applicants who wish to qualify for the study of law.

The entrance examinations were established by the Board of Trustees in the first year of the University primarily as a means of qualifying for admission to the University and these examinations have been offered since that time.

A supplementary high school examination program was approved in the academic year 1917-18 by the Board of Trustees to assist applicants for admission to the examinations for the certificate of Certified Public Accountant to meet educational requirements, and later to provide a method students might use to make up high school deficiencies prior to studying law. The standards of the two sets of high school examinations are the same; credit earned in either may be

used for admission purposes or qualification for the preliminary requirements for prelegal studies.

In the fall of 1917, as a result of an agreement with the State Board of Bar Examiners, the University began offering periodic high school examinations in Chicago to enable prelegal candidates to comply with a rule of the Supreme Court of Illinois that a prelegal student either must have graduated from high school or present evidence that he had the equivalent of a high school education by passing examinations in standard high school subjects.

The number of enrollees for the high school and college subject prelegal examinations has been steadily decreasing and in view of this the All-University Committee on Admissions and the Dean of Admissions and Records recommend that:

1. Effective February 1, 1962, the University discontinue giving high school and prelegal examinations to persons who are not using them for admission purposes.
2. Effective February 1, 1962, the University limit the number of entrance examinations offered to the following subjects: English composition and rhetoric, one or two years (ordinarily offered in the eleventh or twelfth grades of secondary schools); elementary algebra, one year; plane geometry, one year; Spanish, one or two years; French, one or two years; German, one or two years; Latin, one or two years; modern European history, one year; and other subjects approved by the Office of Admissions and Records. Students who wish to take entrance examinations will be given tests selected by the Office of Admissions and Records, or prepared under the supervision of the Office of Admissions and Records.

The above are administrative recommendations involving no considerations of University educational policy and therefore do not require approval by the University Senates. However, as indicated, they have been considered and approved by an All-Senate Committee. The first recommendation requires Board approval since it rescinds a previous Board action, and I concur. The second has been approved as an administrative procedure and is being reported for record.

On motion of Mr. Hughes, these recommendations were approved.

HOUSING REVENUE BONDS

(12) The Vice-President and Comptroller presents and recommends authorization of a Loan Agreement with the Federal Housing and Home Finance Agency for a loan of \$5,000,000 to finance construction of the Pennsylvania Avenue Women's Residence Halls. The total estimated cost is \$5,750,000, of which \$750,000 will be provided from Series C Bonds sold on the market, and \$5,000,000 from Series B Bonds which the Housing and Home Finance Agency would purchase. He further recommends authorization to advertise for the sale of the bonds and retention of the firm of Chapman and Cutler, Chicago, as Counsel for the bond issue.

I concur, and recommend that the Comptroller and the Secretary of the Board be authorized to execute the Loan Agreement and other necessary documents, and to take all other steps required to implement the bond issue.

On motion of Mr. Swain, these recommendations were approved, and authority was given as requested. This action was taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

SUPPLEMENTARY AND NONRECURRING APPROPRIATIONS

(13) The Vice-President and Provost and the Vice-President and Comptroller recommend assignments from the General Reserve, except as otherwise indicated, to supplement the current budgets of the following departments which need additional funds because operating expenses are in excess of budget estimates for 1960-61:

Admissions and Records.....	\$10 123
Art.....	3 500
Botany.....	9 000
Chemistry and Chemical Engineering.....	60 000

Library, Urbana	12 500
Microbiology	4 300
Physiology	5 500
Psychology	6 000
Radiation Hazards (from Workmen's Compensation Reserve)	4 500
Visual Aids Service (for partial replacement of equipment in the Audio-Visual Aids Service which was lost by fire on February 21; an additional appropriation will be required at a later date)	\$25 000
Zoology	2 500
Chicago Professional Colleges	
Estimating and Alterations	5 000
Business Office	6 000

An appropriation of \$2,670 is also recommended for remodeling in the second floor of the Large Animal Clinic, replacing an appropriation of \$3,820 previously made for the Small Animal Clinic.

I concur.

On motion of Mr. Hughes, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

APPROPRIATION AND CONTRACTS FOR CONSTRUCTION OF BUILDING AT 1011 WEST SPRINGFIELD AVENUE, URBANA

(14) The Director of the Physical Plant and the Vice-President and Controller recommend awards of contracts, as listed below, to the lowest bidders for the construction of a building at the southeast corner of Springfield Avenue and Harvey Street for general University use. The building will be assigned initially for use by the Department of Zoology and by the Bureau of Institutional Research—one-fourth of the space to Zoology and the rest to the Bureau. It will be necessary to relocate the Bureau at an early date because the small frame house in which it is now located must be removed to provide part of the site for the construction of the second unit of the Physics Building.

General—Casserly Construction Company, Champaign, formerly known as the Building Specialists Company	\$28 143
Electrical—Neal Morton Electric, Champaign	5 764
Plumbing—Thomas Plumbing and Heating Company, Urbana	4 900
Heating, Piping, Refrigeration, and Automatic Temperature Control Systems—Reliable Plumbing and Heating Company, Champaign	3 290
Ventilating and Distribution System for Conditioned Air—Reliable Plumbing and Heating Company, Champaign	4 389

This building will be one of the new buildings proposed by the Physical Plant Department to provide much needed additional space which can be readily converted from one use to another. These buildings will be located in fringe areas so that in construction and design they need not be consistent with the architectural features of buildings on the main campus and will be constructed on land not required in the near future for permanent buildings.

Submitted herewith is a supporting memorandum from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

The total construction cost is \$56,500. An appropriation of \$11,000 was previously made by the Board of Trustees for a Zoology Experimental Building and is available for part of the cost; an additional appropriation of \$45,500 from the General Reserve Fund is requested for the balance.

I concur.

On motion of Mr. Johnston, the contracts were awarded, as recommended, and the requested assignment of funds was made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

CONTRACTS FOR ADDITION TO ABBOTT POWER PLANT

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts to the following lowest bidders for the construction of an addition (Unit No. 7, Boiler No. 6) to the Abbott Power Plant:

General — Snyder Construction Company, Inc., Vincennes, Indiana..... \$436 140
Plumbing — Bellis and Miller, Inc., Champaign..... 23 687

Submitted herewith is a supporting memorandum from the Physical Plant Department, including lists of the bids taken, and a copy is being filed with the Secretary of the Board for record.

Funds are available in the state capital appropriations to the University for 1959-61 and have been released.

I concur.

On motion of Mr. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

CONTRACTS FOR REMODELING OF ELECTRICAL ENGINEERING ANNEX

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts as follows, the award in each case being to the lowest bidder, for remodeling of the Electrical Engineering Annex:

General — C. H. Langman and Son, Rock Island..... \$58 862
Electrical — Neal Morton Electric, Champaign..... 18 914
Plumbing — Thomas Plumbing and Heating Company, Urbana..... 7 214
Heating and Refrigeration — F. R. Inskip and Company, Champaign..... 11 121
Ventilating — R. H. Bishop Company, Champaign..... 29 840

To reduce the costs of this remodeling, adjustments have been negotiated with the lowest bidders to reduce their contract prices by the following amounts:

General..... \$ 2 333
Electrical..... 687
Plumbing..... 428
Heating and Refrigeration..... 557
Ventilating..... 1 586
Total..... \$ 5 591

It is recommended that the contracts be awarded on the base bids, the adjustments to be effected through deductive change orders.

Funds are available in an appropriation of \$74,425 from the General Reserve made by the Board of Trustees on September 21, 1960; a matching federal grant of \$74,425 from the National Institutes of Health under the Health Research Facilities Act; assignments to the Department of Electrical Engineering from Indirect Costs recovered under research contracts, \$2,019; and the College of Engineering contingency fund, \$2,100.

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, these contracts were awarded, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

CONTRACT FOR CAMPUS DEVELOPMENT CONSULTING SERVICES

(17) The firm of Sasaki, Walker, and Associates, Watertown, Massachusetts, has been employed by authority of the Board of Trustees for consulting services in the area of long-range campus and landscape development. The services have been extremely valuable in planning coordination of various improvement projects and, in view of the future building program, there is continuing need for such professional consulting services.

The Director of the Physical Plant and the Vice-President and Comptroller recommend renewal of the contract with this firm for another year for the following assignments, subject to the availability and release of funds:

Consulting services on projects currently under construction, for which funds are available in various project budgets, estimated cost, \$9,000.

Consulting services on projects currently under study and scheduled for construction for which planning funds have been included in the 1961-62 building program, estimated cost, \$4,000.

Payments will be for services as rendered in accordance with the standard professional rates established in the existing contract.

I concur.

On motion of Mr. Hughes, renewal of this contract, on the terms recommended, was authorized.

EMPLOYMENT OF CONSULTANT ON FOOD SERVICE FACILITIES FOR ORCHARD DOWNS APARTMENTS

(18) The Director of Auxiliary Services, the Director of the Physical Plant, and the Vice-President and Comptroller recommend authorization of a contract for the employment of Arthur W. Dana, Food Service Consultant, New York City, to plan the layout of the equipment and to prepare detailed specifications for the food service facilities for the Orchard Downs Apartments at a fee based on standard per diem rates for such services, but not to exceed \$3,600.

Funds are available in the construction budget for the Orchard Downs Apartments project.

Submitted herewith is a supporting statement from the Director of Auxiliary Services specifying the services of the consultant and the terms of the contract, and a copy is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, this contract was authorized.

CONTRACT FOR MECHANICAL AND ELECTRICAL ENGINEERING SERVICES

(19) By authority of the Board of Trustees, the consulting engineering firm of Brown, Manthei, Davis, and Mullins, Champaign, has been employed by the University for incidental mechanical and electrical engineering services to the Physical Plant Department in the planning of new construction and remodeling work. This employment has been on a standing contract through which change orders have been issued for specific assignments, mostly small jobs best handled by a local firm.

This firm has been an excellent source of consulting services for such work for a number of years. The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a new contract with Brown, Manthei, Davis, and Mullins for consulting services for a period of two years beginning July 1, 1961, on the same terms and conditions as previous contracts, viz.: a rate of \$7.50 per hour for the time of the four partners, services of other personnel to be billed at actual hourly standard rates paid by the firm plus 100 per cent for overhead costs and commission.

The cost of these consulting services will be charged against the construction budgets of the projects for which the firm is employed.

I concur.

On motion of Mrs. Watkins, renewal of this contract, on the terms recommended, was authorized.

At this point Mr. Harewood joined the meeting.

PURCHASES

Purchases Authorized

(20) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase in each case was recommended on the basis of the lowest acceptable bid.

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
300 conical logarithmic spiral antennas	Astronomy	Amphenol-Burg Electronics Corp., Broadview	\$23 574 00 f.o.b. delivered
Single position, 7½ kw. induction generator, 230 volts, 3 phase, and one closed water-to-air heat exchanger to be used with above generator	Ceramic Engineering	Induction Heating Corp., Brooklyn, N.Y.	5 740 00 f.o.b. delivered
Special tabulation of 1958 Census of Business Retail Trade reports for nine groups of ten cities each in eleven states, showing number of establishments, sales, annual payroll, tabulated by predetermined size grouping	Bureau of Economic and Business Research	United States Bureau of the Census, Washington, D.C.	4 000 00 f.o.b. delivered
One white print (dry diazo) automatic machine, 42 in. with 100 watt/inch lamp	Photography	C. F. Pease Co., Chicago	6 920 88 f.o.b. delivered
3,000 copies, printed and bound, <i>High School Mathematics</i> , students' edition, approximately 708 pages per copy, and 3,000 copies, printed and bound, <i>High School Mathematics</i> , teachers' edition, approximately 756 pages per copy	University Press	Howard W. Sams & Co., Indianapolis, Ind.	16 515 36 f.o.b. delivered

On motion of Mr. Johnston, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Approximately 3,840,000 cubic feet of bulk oxygen for the two-year period beginning July 1, 1961, and ending June 30, 1963; this oxygen will be supplied throughout the wards and rooms of the Research and Educational Hospitals by the University-owned built-in distribution system	Anesthesiology	National Cylinder Gas, Division of Chemetron Corp., Cicero	\$18 340 00 delivered
One dark room bi-rail track camera and accessories, less trade-in allowance for one used copy camera	Illustration Studios	Roberts & Porter, Inc., Chicago	4 581 00 net delivered
One photo microscope and accessories	Medicine	W. H. Kessel & Co., Chicago	4 483 20 net delivered
Two slit lamps and one tonometer	Ophthalmology	House of Vision, Chicago	2 776 50 delivered
One analog computer	Pharmacology	Donner Scientific Co., Concord, Calif.	4 378 50 net delivered
One two-channel tape recording system	Pharmacology	Elliott-Sarles Co., West Lake, Ohio	3 675 00 f.o.b. Spring Valley, N.Y.
One spectrophotofluorometer and accessories	Physiology	American Instrument Co., Inc., Silver Spring, Md.	4 192 50 net delivered
One microscope condenser, three objectives, two eyepieces, one instrument table, one flash unit adapter	Medicine and Surgery	W. H. Kessel & Co., Chicago	2 962 64 delivered
One microtome			
Time lapse camera and accessories	Medicine and Surgery	A. S. Aloe Co., Schiller Park	3 395 00 delivered
Various Departments	Various Departments	Liquid Carbonic, Division of General Dynamics, Chicago	4 937 70 delivered

Item	Department	Vendor	Cost
Approximately 385 cylinders of snow-thetic gases to be used by various departments of the Chicago Professional Colleges during the year beginning July 1, 1961, through June 30, 1962, subject to renewal for one year by mutual agreement	Various Departments	Puritan Compressed Gas Corp., Chicago	\$6 913 25 delivered
Print and bind 20,000 copies of Undergraduate Division catalogs, 1961-62, approximately 140 pages (one-year's supply)	Chicago Undergraduate Division	Interstate Printers & Publishers, Inc., Danville	6 248 80 delivered

Urbana-Champaign Departments

Item	Department	Vendor	Cost
Contemporary steel office furniture for offices of the Department of Art in new Fine and Applied Arts Building 32 desks	Art	E & I Cooperative Service, Inc., Garden City, N.Y.	\$ 5 307 20
15 tables		E & I Cooperative Service, Inc., Garden City, N.Y.	1 782 45
20 filing cabinets		All-Steel Equipment, Inc., Aurora	1 160 00
32 swivel chairs		All-Steel Equipment, Inc., Aurora	2 088 00 (10 337 65) f.o.b. delivered
One vacuum ultraviolet monochromator with scanning vacuum grating monochromator, water cooled high-speed diffusion pump, grating, high sensitivity recorder, and single beam absorption attachment	Chemistry and Chemical Engineering	Jarrell-Ash Co., Newtonville, Mass.	18 848 10 f.o.b. delivered
One analytical NMR (nuclear magnetic resonance) spectrometer system consisting of field/frequency control console, room temperature probe, and six-inch magnet system	Chemistry and Chemical Engineering	Varian Associates, Palo Alto, Calif.	24 030 00 f.o.b. delivered
One precession (X-ray diffraction) camera, modified variable film to crystal distance of 6.0 and 10.0 cm., with one each 0.5, 0.65, and 0.8 mm. collimators, eight-layer line screens, and two extra goniometer heads	Chemistry and Chemical Engineering	Charles Supper Co., Watertown, Mass.	2 634 00 f.o.b. delivered
One console comparator microphotometer with digital readout and lock, external focus controls, and potentiometer for use with recorder	Chemistry and Chemical Engineering	National Spectrographic Laboratories, Inc., Cleveland, Ohio	5 335 00 f.o.b. delivered
One centrifuge, automatic superspeed refrigerated, with automatic acceleration and braking, angle head rotor with 400 ml. capacity and large rotor with 1.7 liter capacity	Chemistry and Chemical Engineering	Ivan Sorvall, Inc., Norwalk, Conn.	2 740 00 f.o.b. delivered
One automatic linearly programmed temperature gas chromatograph with disc integrator	Chemistry and Chemical Engineering	Wilkens Instrument & Research, Inc., Walnut Creek, Calif.	3 083 50 f.o.b. delivered
One kneading compactor for performing moisture-density tests on soils	Civil Engineering	Soiltest, Inc., Chicago	2 570 00 f.o.b. delivered
100 type 5966 electronic tubes	Coordinated Science Laboratory	Graybar Electric Co., Peoria	2 790 00 f.o.b. delivered
One group — 18 separate items of microwave equipment, including: Klystron tube mount, transmission line stands, RG 96/U waveguide, bolometers, UG 599/U and UG 600/U flanges, precision and semiprecision attenuators, slotted section, detector mounts, E/H tuner, frequency meter, sliding termination, directional couplers 3 db and 10 db, series tees, shunt tees, and one Klystron Power Supply	Coordinated Science Laboratory	FXR, Inc., c/o Ridgway Associates, Chicago	4 248 00 f.o.b. delivered
12,000 type S-166 germanium transistors	Digital Computer Laboratory	Texas Instruments, Chicago	162 000 00 f.o.b. Dallas, Texas

Item	Department	Vendor	Cost
Machining, drilling, and assembling of 100 connector frames	Digital Computer Laboratory	Northern Tool & Die Co., Chicago	\$5 671 70 f.o.b. delivered
6,200 three-watt and 2,100 1/2-watt resistors, 1 per cent tolerance, miscellaneous values	Digital Computer Laboratory	Dale Electronics, Inc., Columbus, Neb.	3 443 22 f.o.b. Columbus, Neb.
One magnetic drum memory, consisting of two drums, capacity of 65,536 words of 52 bits plus parities, or 3.7 million bits plus drum heads and motors	Digital Computer Laboratory	Vermont Research Corp., Springfield, Vt.	35 000 00 f.o.b. delivered
One digitally-addressed cathode ray tube system	Digital Computer Laboratory	Digital Equipment Corp., Maynard, Mass.	47 000 00 f.o.b. delivered
One paper tape editing equipment consisting of an electric typewriter, keyboard, tape reader, tape punch, and control and routing equipment capable of handling 7-bit binary characters and 8-level paper or "mylar" tape	Digital Computer Laboratory	Tally Register Corp., c/o Pivan Engineering Co., Indianapolis, Ind.	13 073 00 f.o.b. delivered
One ultraviolet direct print recording oscillograph, special lens assembly to provide 30-inch light path from galvanometer element to the recording paper	Electrical Engineering	Consolidated Electrodynamics Corp., Chicago	3 150 00 f.o.b. Pasadena, Calif.
One vertical milling machine, 9 in. x 42 in. table, 12 in. cross travel with 9 in. rotary table; 8 in. double swivel dividing head; shaping attachment; collets, cutting tools, holders; and full set of assorted table bolts and clamps	Electrical Engineering	Don G. Beck, Chicago	3 959 50 f.o.b. delivered
A collection of Proust manuscripts, letters, and documents to be used by Professor Philip Kolb in his edition of Proust's general correspondence and in his biographical studies of Proust	Library	Librairie Henri Lefebvre, Paris, France	18 369 00
One electron microscope, accelerating voltages, to 100 kv., double condensers, guaranteed resolution 8-10A°, magnification range 250 times to 550,000 times, with one year unconditional guarantee	Mining and Metallurgical Engineering	Erb & Gray Scientific, Inc., New York, N.Y.	36 900 00 f.o.b. delivered and installed
One direct recording oscillograph, minimum of 24 channels, chart speed of 0-50 inches per second or greater, timing lines from 1 second to .01 second or less, complete with wind-up spool, but less galvanometers	Nuclear Engineering	Minneapolis-Honeywell Regulator Co., Peoria	4 935 00 f.o.b. delivered
One 75-liters per second vacuum pump with control unit, and one 70-liter capacity vacuum pump, complete with nipple, gaskets, and flanges for a complete vacuum system	Physics	Varian Associates, c/o Crossley Associates, Inc., Chicago	2 947 00 f.o.b. Palo Alto, Calif.
2,342 ft. brass rod, rectangle, angle, and 32 pieces brass sheet and plate	Physics	Hubbell Metals, Inc., St. Louis, Mo.	3 536 49 f.o.b. delivered
Print and bind 2,000 copies of <i>Lincoln as a Lawyer</i> , by John P. Frank, approximately 224 pages per copy	University Press	Colonial Press, Inc., New York, N.Y.	3 345 11 f.o.b. delivered
Print and bind 1,000 copies of <i>Jonathan Baldwin Turner</i> , by Mary Carrier, approximately 312 pages per copy	University Press	J. H. Furst Co., Baltimore, Md.	2 750 40 f.o.b. delivered
Print and bind 2,500 copies of <i>The Letters of Stephen A. Douglas</i> , edited by Robert W. Johannsen, approximately 600 pages per copy	University Press	Kingsport Press, Inc., Kingsport, Tenn.	9 043 49 f.o.b. delivered
Print and bind 5,000 copies of <i>High School Mathematics, Unit 7</i> , students' edition, approximately 168 pages per copy	University Press	Malloy Lithographing, Inc., Ann Arbor, Mich.	2 400 00 f.o.b. Ann Arbor, Mich.
Print and bind additional copies as required after first printing and prior to July 1, 1963, to meet the needs of the program, at the quoted unit prices			
Print and bind 30,000 copies of <i>Undergraduate Courses, 1961-62</i> , approximately 240 pages per copy	University Press	R. R. Donnelley & Sons Co., Chicago	10 180 00 f.o.b. delivered

Item	Department	Vendor	Cost
Print and bind 35,000 copies Time Table, First Semester of 1961-62, approximately 264 pages per copy	University Press	Interstate Printers & Publishers, Inc., Danville	\$7 404 40 f.o.b. delivered
Furnish and install two five-ton (60,000 BTUH) air-cooled air conditioners in Allerton House Dining Room, Monticello	Allerton House	E. E. Hubbard & Son, Monticello	3 183 75 delivered and installed
Eight issues (approximately 31,000 copies per issue, sixteen pages per copy) <i>Alumni News</i> ; July, October, November, December, 1961, February, March, April, June, 1962 Two issues (95,000 copies per issue, eight pages per copy) <i>Alumni News</i> ; Fall, 1961, and Spring, 1962	Alumni Association	E. W. Petty Co., Effingham	21 634 00 f.o.b. delivered
Rental of caps, gowns, and hoods for faculty members and graduating students for June 17, 1961, Commencement; caps, gowns, and hoods are required for approximately 1,900 bachelors, 250 masters, and 175 doctors	Committee on Commencement	Collegiate Cap & Gown Co., Champaign	6 190 00 f.o.b. delivered
Stainless steel kitchen fixtures	McKinley Hospital	L. B. Herbst Corp., Chicago	7 731 88 f.o.b. delivered
Three patient carts, twenty-tray capacity with ice cream freezer, toaster outlet, and twelve-quart beverage capacity	McKinley Hospital	Meals-on-Wheels, Crimaco, Inc., Kansas City, Mo.	5 280 00
One portable electric hot food table; one portable heated plate dispenser; one portable heated soup cup dispenser		L. B. Herbst Corp., Chicago	1 454 95
One clean dish cart		Mars Sales & Equipment Co., Centra	292 50
One compartment steamer, electric		Edward Don & Co., Chicago	555 15 (7 582 60) f.o.b. delivered
One reach-in commercial freezer, 46 cubic foot capacity, with stainless steel exterior and aluminum interior	McKinley Hospital	Puffer-Hubbard Refrigerator Co., Grand Haven, Mich.	2 700 00 f.o.b. delivered
One reach-in commercial refrigerator, 70-cubic foot capacity, with stainless steel exterior and stainless steel interior			
Cleaning services for Air Force R.O.T.C. basic uniforms for the period of July 1, 1961, through June 30, 1963 (estimated total of pieces to be cleaned is 27,150)	Military Property Custodian	Paris Dyeing & Cleaning Co., Champaign	5 984 50 f.o.b. delivered
Furnish and install hardware and Osnaburg cloth draperies at 225 windows in Graduate Student Residence Hall SG-2	Housing Division	Edwin Raphael Co., Inc., Chicago	2 922 00 f.o.b. delivered and installed
Nine four-door sedans (compact)	Physical Plant	Bates Chevrolet Co., Springfield	1 622 62
Five four-door station wagons	Storeroom	Two sedans	
One carryall truck, $\frac{1}{2}$ ton	Illinois Natural History Survey	Courtesy Motor Sales, Inc., Chicago (Ford)	2 469 00
One van truck, $1\frac{1}{2}$ ton	Office Supply Store	One van truck	
These vehicles will replace vehicles in the present University fleet; the costs are net after deduction for trade-in allowance for vehicles being replaced		Dana Hudson, Inc., Champaign (Ford Falcon)	1 648 00
		Two sedans	
		International Harvester Co., Springfield	1 449 00
		One carryall truck	
		Noble Motor Co., Danville (Ford)	3 295 00
		One sedan (Falcon)	
		Three station wagons	
		University Ford Sales, Champaign (Ford)	5 421 04
		Four sedans (Falcon)	
		Two station wagons	
			(15 904 66)

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
1,200 study lamps and shades for Orchard Downs Apartments which will be used initially for single student housing	Housing Division	Laurel Lamp Manufacturing Co., Inc., Newark, N.J.	\$8 962.48 f.o.b. delivered
1,420 reams enamel book paper in the following sizes: 900 reams 25 in. x 38 in., 70 lb. 100 reams 22½ in. x 35 in., 58 lb. 300 reams 25 in. x 28½ in., 53 lb. 120 reams 28 in. x 42 in., 87 lb.	Office Supply Store	Decatur Paper House, Inc., Decatur	16 192.71 f.o.b. delivered
40,000 lb. soft white lead paste, federal specifications TT-W-215-B, type C, in 100 lb. kegs	Physical Plant Storeroom	National Lead Co., Chicago	7 300.00 f.o.b. delivered

On motion of Mr. Johnston, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(21) The Comptroller's report of contracts executed during the period March 1 to March 31, 1961.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Air Force AF19(604)-7473	Basic properties of gaseous plasmas	\$100 000 00	December 1, 1960
United States Air Force AF29(601)-4302	Energy absorbing characteristics of soil and rock	35 000 00	February 1, 1961
United States Air Force AF30(602)-2456	Millimeter and submillimeter receiver techniques	25 000 00	March 1, 1961
United States Air Force AF33(616)-7918	Synthesis of thermally-stable inorganic and coordination polymers	55 000 00	February 1, 1961
United States Air Force AF33(616)-7960	Radiation of high temperature electron-ion plasmas	41 000 00	February 1, 1961
United States Air Force AF33(616)-7978	Solid film lubricant-binder phenomena	36 000 00	March 15, 1961
United States Army DA-ARO(D)-31-124-G6	Effect of molecular structure on the cleavage of oxygen-oxygen bonds	22 980 54	February 28, 1961
United States Atomic Energy Commission AT(11-1)-971	Properties of the inert gas solids	25 985 00	February 1, 1961
United States Department of Health, Education, and Welfare SAE-9299	Improve the qualifications of personnel engaged in or preparing to engage in counseling and guidance of students in secondary schools	217 498 00	January 2, 1961

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Board of Education of the City of Chicago	Six-story brick warehouse at 815-841 South Damen Avenue, Chicago	\$ 6 000 00 annually	March 15, 1961

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Crop-Hail Insurance Actuarial Association	Factors influencing hailstorms in Illinois	\$ 6 000 00	February 9, 1961
Illinois Division of Highways IHR-69	Traffic linkage patterns between a metropolitan area and communities within its region of influence	3 000 00	January 20, 1961
Moorman Manufacturing Co.	Poultry nutrition	2 600 00	March 6, 1961
United States Air Force AF19(604)-3481	Electromagnetic wave interaction techniques	15 000 00	February 27, 1961
United States Air Force AF19(604)-5565	Processes in the ionosphere by means of gyro interaction experiments carried out with rockets	85 000 00	March 6, 1961
United States Air Force AF33(616)-6176	Interaction of dissolved interstitial atoms with dislocations	23 049 00	March 2, 1961
United States Air Force AF33(616)-7043	Megawatt electronics, submillimeter wave research	125 000 00	February 13, 1961
United States Air Force AF49(638)-556	Modulation and detection of light at microwave frequencies	27 915 00	January 25, 1961

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Army DA-11-022-ORD-1980	Tool flank wear	\$16 125 00	January 31, 1961
United States Army DA-49-007-MD-308	Nutritional requirements of the housefly and the significance of vitamin B ₁ (carnitine) in the metabolism of insects and other animals	708 52	March 16, 1961
United States Army DA-49-007-MD-544	Nutritive value of major nutrients of irradiated food	12 363 00	March 16, 1961
United States Army DA-49-007-MD-728	Effects of irradiated foods included in a ration fed to dogs	11 005 00	March 16, 1961
United States Army DA-49-007-MD-877	Context effects in psychophysical judgments	2 763 00	March 16, 1961
United States Army DA-49-193-MD-2060	Interpersonal and psychological adjustment of group members	4 415 00	March 16, 1961
United States Atomic Energy Commission AT(11-1)-67, Project No. 4	Unclassified research in the field of radio chemistry	37 677 00	February 8, 1961
United States Bureau of Public Roads	Fatigue of welded beams and girders in structural and low alloy steels	40 000 00	July 1, 1960
United States Department of Health, Education, and Welfare SAE-8722	Mass communications and popular conceptions of education	4 600 00	February 28, 1961
United States Navy Nobs-77003	Low-cycle, high-stress fatigue behavior of materials and structural components of steels, typical of ship application	25 000 00	December 22, 1960
United States Navy Nonr-1834(02)	Development of radio wave direction-finding techniques	100 000 00	August 31, 1960
United States Navy Nonr-1834(21)	Artificial intelligence computers	10 000 00	January 1, 1961
United States Navy Nonr-1834(25)	Chemical behavior of subgrain boundaries in metals	18 500 00	August 14, 1960

Adjustments Made in 1960-61 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Seventeen items: \$35.00 deduct to \$266.00	\$ 1 401 66	February and March, 1961

This report was received for record.

ANNUAL REPORT OF THE TREASURER

(22) In accordance with the By-Laws of the Board of Trustees, the Treasurer of the University has submitted a report of receipts and disbursements of University funds in his custody for the period March 1, 1960, to February 28, 1961, certified by the Comptroller. A copy of this report was sent to each member of the Board of Trustees prior to today's meeting, and a copy is filed with the Secretary of the Board.

This report was received for record.

ACQUISITION OF PROPERTY AT 605 EAST DANIEL STREET, CHAMPAIGN

(23) The property of the Cosmopolitan Club of the University of Illinois, a student organization, at 605 East Daniel Street, Champaign, is on the market. The University's long-range campus development plan includes acquisition of this property. The Board of Trustees authorized negotiations with official representatives of the Club for the purchase of its property within appraised valuations, and with the understanding that if it can not be purchased through negotiations, the Club be notified that condemnation proceedings will be instituted by the University for the acquisition of the property.

Subsequently negotiations have been carried on with the Cosmopolitan Club of the University of Illinois, but the Club is unwilling to sell to the University at a reasonable price.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend adoption of the following resolution authorizing condemnation proceedings.

Resolution

Be It, and It Is Hereby Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following-described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

Lot Four (4) of William Williamson's Replat of Lots One (1), Two (2) and Three (3), Block One (1) of A. T. Hall's Addition to Champaign, situated in the City of Champaign, County of Champaign, and State of Illinois;

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, for a vehicular parking area for staff members of the University of Illinois in the conduct of the educational functions of the University of Illinois and for other educational purposes conducted and to be conducted, and for the further expansion of the educational facilities of said University of Illinois, and to enable said University of Illinois to discharge its duty to the people of said State and for public use; that this Board of Trustees has negotiated with the owners of said land through their duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owners have refused to sell and convey said land to said The Board of Trustees of the University of Illinois for such price and continue to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

Be It, and It Is Hereby Further Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owners of said land and they and it are unable to agree upon the purchase price to be paid to said owners for the sale and conveyance of said land by said owners thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owners thereof for such land cannot be agreed upon between them and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owners thereof and any and all other persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby, authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

On motion of Mr. Johnston, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harwood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

APPOINTMENT OF AUDITORS

Mr. Swain, for the Finance Committee, presented the following report:

The Board of Trustees retained the firm of Ernst and Ernst, Certified Public Accountants, for the audit of the University of Illinois accounts for the fiscal year ended June 30, 1958, with the understanding that the firm would be employed for three years, subject to annual review. The employment was continued in 1959 and 1960, and the firm has completed this three-year period.

The Finance Committee requested the firm of Lybrand, Ross Brothers, and Montgomery to submit a proposal for the audit of the University for the year ended June 30, 1961, with the intention of retaining this firm for a three-year period, subject to annual review. The proposal submitted by the firm is on the basis of completing the audit at the prevailing yearly rate for college and university audits, plus cash expenses, plus expenses for travel and subsistence of the staff assigned to the audit, with the understanding that the aggregate charges would not exceed the following amounts:

The University of Illinois.....	
The University of Illinois Residence Halls and Student-Staff Apartments, including bond funds.....	\$ 22 200
The University of Illinois Assembly Hall Revenue Bond Fund.....	
The University Retirement System of Illinois.....	2 200
The University of Illinois Alumni Association.....	600
The Athletic Association of the University of Illinois, including the Retirement System	1 000
The University of Illinois Foundation.....	1 300

Under present state law, the Auditor General of Illinois is responsible for auditing or causing to be audited the records of the University. The Auditor General, Mr. Frank H. Whitney, has followed the practice of earlier years in which the Auditor General is consulted concerning the employment of the auditing firm, and the firm employed by the University submits copies of its report directly to him, as well as to the Board of Trustees. Any additional work which the Auditor General may require is at the expense of his office. The firm of Lybrand, Ross Brothers, and Montgomery is acceptable to the Auditor General.

The Finance Committee recommends the employment of Lybrand, Ross Brothers, and Montgomery for the audit of the University accounts for the fiscal year ending June 30, 1961.

On motion of Mr. Swain, the employment of Lybrand, Ross Brothers, and Montgomery was authorized as recommended.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) fellows; (3) graduate fellows; (4) resignations and declinations; (5) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ALESHIRE, IRMA, Clinical Instructor in Dermatology (Medicine), February 10-August 31, 1961, without salary (3-22-61).

ALLDRITT, KEITH, Assistant Professor of English, two years from September 1, 1961, to render service during each academic year, \$6,400 a year (3-6-61).

ALLEN, ALFRED W., Professor of Ceramic Engineering (C), two months from July 1, 1961, \$1,233.33 a month; this is in addition to his present appointment (3-17-61).

AROSTOL, JAMES V., Instructor in Surgery (Medicine), four months from March 1, 1961, without salary (3-17-61).

ASCH, WALTER B., Instructor in Social Sciences (Chicago Undergraduate Division), $\frac{3}{4}$ time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$1,725, supersedes (3-2-61).

- BAIN, ROBERT A., Assistant in English, February 1-June 15, 1961, \$422.22 a month, supersedes (2-24-61).
- BAKONY, HEDWIG C., Clinical Instructor in Psychiatry (Medicine), $\frac{1}{2}$ time, seven months from February 1, 1961, \$2,112 a year, supersedes nonsalaried appointment (3-17-61).
- BEARDEN, JAMES M., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1961, \$475 a month, supersedes (3-28-61).
- BESS, LEON, Assistant Professor of Physics (Chicago Undergraduate Division), March 1-August 31, 1961, to render service during the second semester of the academic year, \$3,750, supersedes (3-2-61).
- BLUM, ALAN F., Instructor in Social Sciences (Chicago Undergraduate Division), $\frac{1}{2}$ time, five months from February 1, 1961, to render service during the second semester of the academic year, \$280 a month, supersedes (3-20-61).
- BORESI, ARTHUR P., Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1961, \$2,222; this is in addition to his present appointment (3-28-61).
- BORRI, ROBERT P., Associate Professor of General Engineering, Summer Session of 1961, $\frac{1}{2}$ time, June 24-September 9, 1961, \$1,367 for the period (3-28-61).
- BROWN, RICHARD M., Research Assistant in Ceramic Engineering (S), full time, June 16-August 31, 1961, \$433.33 a month, supersedes (3-20-61).
- BUTTS, DAVID P., Assistant in Education, Summer Session of 1961, June 19-July 14, 1961, \$512 for the period (3-27-61).
- CAIRNS, JOHN F., Research Associate in Chemistry, one year from September 1, 1961, \$6,000 (3-28-61).
- CHATMAN, DONALD G., Research Assistant in Medicine (Medicine), four months from March 1, 1961, \$5,500 a year, supersedes (3-27-61).
- COSTELLO, GEORGE, Assistant Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1961, \$1,556; this is in addition to his present appointment (3-28-61).
- CRANDALL, CORYL E., Assistant in English, February 1-June 15, 1961, \$422.22 a month, supersedes (2-24-61).
- CRAWFORD, ROBERT B., Assistant Professor of History, six months from March 1, 1961, to render service during the second semester of the academic year, \$6,500 a year, supersedes (3-2-61).
- DESCLOUX, JEAN, Research Associate in the Digital Computer Laboratory, nine months from September 16, 1961, \$6,500 (3-28-61).
- DICKMAN, KERN W., Research Associate in Sociology and in the Digital Computer Laboratory, six months from March 1, 1961, to render service during the second semester of the academic year, \$7,000 a year, supersedes (2-22-61).
- DILLMAN, L. THOMAS, Visiting Lecturer in Physics, Summer Session of 1961, June 24-September 9, 1961, \$3,000 for the period (3-28-61).
- EDA, KEIICHI, Research Associate in Chemistry, ten months from September 1, 1961, \$6,000 a year (3-28-61).
- ESCOBAR, MIGUEL A., Instructor in Medicine (Medicine), one year from July 1, 1960, without salary (3-17-61).
- FARA, HARRY, Research Associate in Mining and Metallurgical Engineering (C), seven months from February 1, 1961, \$8,000 a year, supersedes (2-24-61).
- FLEMER, STEVENSON, Instructor in Architecture and Art (Chicago Undergraduate Division), $\frac{1}{2}$ time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$1,600 (3-2-61).
- FOLLIS, STANLEY, Research Assistant in Education (University High School), one month from May 1, 1961, \$750 (3-27-61).
- FOX, MRS. ELAINE, Research Assistant in Botany, seven months from February 1, 1961, \$4,560 a year (2-24-61).
- FREDRICKSON, RICHARD L., Research Associate in the Coordinated Science Laboratory (C), full time, March 1-June 15, 1961, \$550 a month, supersedes (3-17-61).
- FUKAZAWA, KAICHI, Research Associate in Food Technology (S), July 1, 1961-August 31, 1962, \$5,500 a year (3-2-61).
- GABEL, JOHN B., Instructor in English, academic year beginning September 1, 1961, \$6,000 (3-2-61).
- GLENN, NORVAL D., Instructor in Sociology, academic year beginning September 1, 1961, \$6,500 (3-28-61).

- GREENBERG, BERNARD, Assistant Professor of Zoology, Department of Pharmacognosy and Pharmacology (Pharmacy), six months from March 1, 1961, \$3,800, supersedes (3-17-61).
- GRUBB, EUGENE L., Research Associate in Chemistry, March 27-August 31, 1961, \$458.33 a month, supersedes (3-17-61).
- HARRIS, IRWIN, Instructor in Surgery (Medicine), four months from March 1, 1961, without salary (3-17-61).
- HAUG, ELSIE L., Clinical Assistant Professor of Psychiatry (Medicine), seven months from February 1, 1961, without salary (3-17-61).
- HEBTING, CHARLES F., Instructor in Operative Dentistry (Dentistry), $\frac{4}{5}$ time, six months from March 1, 1961, \$6,000 a year, supersedes (3-2-61).
- HEINS, ROBERT W., Instructor in Mining and Metallurgical Engineering (C), 22/100 time, February 1-June 15, 1961, \$111.11 a month; this is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Mining Engineering (3-27-61).
- HEYNA, WILLIAM F., Assistant in Orthopaedic Surgery (Medicine), 45/100 time, three months from April 1, 1961, without salary, supersedes salaried appointment (3-27-61).
- HILLS, GRAHAM J., Research Associate in Chemistry, June 16-September 15, 1961, \$750 a month (3-28-61).
- HUNT, RICHARD H., Instructor in Architecture and Art (Chicago Undergraduate Division), $\frac{1}{3}$ time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$917 (3-2-61).
- ISRAEL, PATRICK, Clinical Assistant Professor of Psychiatry (Medicine), $\frac{1}{4}$ time, five months from April 1, 1961, \$258.33 a month, supersedes (3-17-61).
- JARVIS, KENNETH W., Research Associate in Psychiatry (Medicine), 35/100 time, five months from February 1, 1961, \$300 a month (3-22-61).
- JERAS, MRS. VIVIAN K., Registered Pharmacist in Hospital Pharmacy (Pharmacy), six months from March 1, 1961, \$500 a month, supersedes (3-17-61).
- KAHANE, MRS. RENEE T., Instructor in German, March 1-August 31, 1961, to render service during the second semester of the academic year, \$4,500 a year (2-24-61).
- KATZ, JEROME I., Clinical Instructor in Psychiatry (Medicine), six months from March 1, 1961, without salary (3-17-61).
- KEITH, WALTER M., Professor of Landscape Architecture, Department of City Planning and Landscape Architecture, $\frac{3}{4}$ time, indefinite tenure, and Director of Robert Allerton Park, $\frac{1}{2}$ time, six months from March 1, 1961, to render service during the second semester of the academic year, \$10,600 a year, supersedes (2-24-61).
- KOLB, MRS. DOROTHY D., Assistant in German, February 1-June 15, 1961, \$444.44 a month (2-24-61).
- KRUEGER, CHARLES G., Instructor in Mathematics, $\frac{1}{2}$ time, February 1-June 15, 1961, \$333.33 a month, supersedes (2-24-61).
- KRYSAN, JAMES L., Research Assistant in Entomology, two months from June 16, 1961, \$444.44 a month (3-2-61).
- LANDWEHR, GOTTFRIED, Research Assistant Professor of Electrical Engineering (S), April 16-August 31, 1961, \$833.33 a month, supersedes (3-2-61).
- LAUGHMAN, JOHN R., Professor of Botany, $\frac{1}{2}$ time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$3,425; and Professor of Botany (College of Liberal Arts and Sciences) and of Plant Genetics, Department of Agronomy (College of Agriculture), indefinite tenure from September 1, 1961, to render service during each academic year, \$13,700 a year, supersedes (3-2-61).
- LEHMANN, JOHN R., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$266.67 a month; this is in addition to his Television Shares Management Corporation Teaching Fellowship in Electrical Engineering; supersedes (3-2-61).
- LENAU, CHARLES W., Research Associate in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,600 (3-28-61).
- LEONARD, LOUISE C., Visiting Lecturer in Education, Summer Session of 1961, June 19-August 12, 1961, \$1,800 for the period (3-28-61).

- LERNER, ISIDOR, Instructor in Physics (Chicago Undergraduate Division), February 1-June 30, 1961, to render service during the second semester of the academic year, \$3,300 (3-2-61).
- LERNER, RICHARD H., Instructor in English (Chicago Undergraduate Division), February 1-June 30, 1961, to render service during the second semester of the academic year, \$2,350, supersedes (3-2-61).
- LEWITT, CHARLES W., Assistant in Civil Engineering (C and S), full time, February 1-June 15, 1961, \$2,250, supersedes (3-17-61).
- LIM, YUNG KUO, Research Associate in Physics (C), one year from February 1, 1961, \$7,000, supersedes (3-22-61).
- LINSTER, RICHARD L., Visiting Lecturer in Physics, Summer Session of 1961, June 19-August 12, 1961, \$2,100 for the period (3-28-61).
- MACK, CHARLES B., Project Assistant in the State Natural History Survey, March 16-August 31, 1961, \$350 a month (3-20-61).
- MARTINEZ, RAFAEL V., Instructor in Foreign Languages (Chicago Undergraduate Division), $\frac{1}{4}$ time, five months from February 1, 1961, to render service during the second semester of the academic year, \$700 (3-20-61).
- MASON, NORMA, Clinical Assistant Professor of Psychiatry (Medicine), six months from March 1, 1961, without salary (3-17-61).
- MCCLELLAND, DAN R., Assistant Security Officer, five months from April 1, 1961, \$541.67 a month (3-22-61).
- McMURRAY, CARL D., Research Associate in Political Science, $\frac{3}{4}$ time, two months from June 16, 1961, \$1,000 (3-2-61).
- MICHEL, PIERRE E. J., Visiting Lecturer in English, academic year beginning September 1, 1961, \$5,400 (3-2-61).
- MILLER, JOHN F., Instructor in Architecture and Art (Chicago Undergraduate Division), $\frac{2}{3}$ time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$2,500 (2-28-61).
- MORGAN, ANNE D., Instructor in Foreign Languages (Chicago Undergraduate Division), February 1-June 30, 1961, to render service during the second semester of the academic year, \$1,150 (3-2-61).
- NARASIMHAN, RANGASWAMY, Research Associate in the Digital Computer Laboratory, nine months from September 16, 1961, \$5,000 (3-20-61).
- NELSON, DOROTHY, Research Associate in Clinical Science (Medicine), seven months from February 1, 1961, without salary, supersedes salaried appointment (3-22-61).
- OBATA, MORIO, Research Assistant Professor of Mathematics, February 1-March 20, 1961, \$1,000 (3-6-61).
- ODDIS, NILANDINO A., Clinical Assistant in Medicine (Medicine), seven months from February 1, 1961, without salary (2-24-61).
- O'GRADY, GERALD L., Instructor in English, academic year beginning September 1, 1961, \$6,000 (3-2-61).
- ORME, JOHN E., Research Assistant in Physics (C), full time, six months from March 1, 1961, \$407.34 a month, supersedes (3-17-61).
- OTT, ROGER A., Instructor in Surgery (Medicine), four months from March 1, 1961, without salary (3-17-61).
- PAK, JINGYAL, Assistant in Mathematics, $\frac{3}{4}$ time, and Research Assistant in Mathematics, $\frac{1}{4}$ time, February 1-June 15, 1961, \$1,900 (2-24-61).
- PESSALL, NEIL, Research Associate in Mining and Metallurgical Engineering (C), eleven months from October 1, 1961, \$7,000 a year (3-28-61).
- PHILLIPS, ANNE, Instructor in English (Chicago Undergraduate Division), $\frac{1}{2}$ time, February 1-June 30, 1961, to render service during the second semester of the academic year, \$1,125 (3-2-61).
- REES, MRS. CANDIDA K., Instructor in Mathematics (Chicago Undergraduate Division), February 1-June 30, 1961, to render service during the second semester of the academic year, \$2,600 (2-24-61).
- REILLY, JAMES R., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine), $\frac{1}{2}$ time, six months from March 1, 1961, \$277.75 a month, supersedes (3-2-61).
- RITTER, DIANE S., Assistant in Occupational Therapy (Medicine), March 8-August 31, 1961, \$433.34 a month (3-17-61).
- SCHWARZ, MARVIN, Clinical Assistant Professor of Psychiatry (Medicine), $\frac{1}{4}$ time, seven months from February 1, 1961, \$3,250 a year, supersedes (3-17-61).

- SEIDEL, MICHAEL C., Research Associate in Chemistry, March 16-March 31, 1961, \$458.34 a month (3-22-61).
- SEVIGNY, ALLEN J., Assistant Serials and Acquisitions Librarian, with rank of Instructor (Chicago Undergraduate Division), $\frac{1}{2}$ time, January 30-June 30, 1961, \$1,160 (2-24-61).
- SIEGEL, PETER, Instructor in Obstetrics and Gynecology (Medicine), seven months from February 1, 1961, \$9,600 a year, supersedes (3-17-61).
- SINHA, RAMESH C., Research Associate in Botany, seven months from February 1, 1961, \$6,000 a year, supersedes (2-24-61).
- SISKIND, CAROLINE C., Instructor in English (Chicago Undergraduate Division), $\frac{1}{2}$ time, February 1-June 30, 1961, to render service during the second semester of the academic year, \$1,200 (3-2-61).
- SMELTE, RITA, Research Assistant in Microbiology (Medicine), six months from March 1, 1961, \$4,700 a year (3-27-61).
- SMITH, JACK L., Research Associate in Animal Science (S), one year from September 1, 1961, \$5,700 (3-17-61).
- SMITH, ROBERT B., Assistant Professor of Music, $\frac{1}{2}$ time, and of Home Economics, $\frac{1}{2}$ time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$6,400 a year, supersedes (3-2-61).
- SNOKE, MYRON D., Adjutant in the Department of Military Science and Tactics, $\frac{1}{10}$ time, five months from April 1, 1961, \$50 a month (3-22-61).
- SPENCER, JOBBIE D., Research Assistant in Botany, seven months from February 1, 1961, \$4,800 a year (3-2-61).
- SRINIVASAN, V. R., Research Assistant Professor in the School of Life Sciences, six months from March 1, 1961, \$8,000 a year, supersedes (3-17-61).
- STARKMAN, LEON, Instructor in Surgery (Medicine), four months from March 1, 1961, without salary (3-17-61).
- SYED, MRS. AMNA K., Instructor in Education, six months from March 1, 1961, to render service during the second semester of the academic year, \$5,500 a year (3-2-61).
- THOMAS, ALAN R., Instructor in Music, $\frac{2}{3}$ time, and in Physical Education for Women, $\frac{1}{3}$ time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$6,690 a year, supersedes (2-24-61).
- TOBIN, ARNOLD D., Clinical Assistant Professor of Psychiatry (Medicine), $\frac{1}{3}$ time, seven months from February 1, 1961, \$2,400 a year (3-17-61).
- VARADANI, PARTAB T., Research Associate in Animal Science (S), seven months from February 1, 1961, \$5,800 a year, supersedes (3-20-61).
- WALETT, FRANCIS G., Visiting Lecturer in Education, Summer Session of 1961, June 19-August 12, 1961, \$1,700 for the period (3-28-61).
- WALLACE, CHRISTOPHER S., Research Associate in the Digital Computer Laboratory, six months from March 1, 1961, \$8,000 a year, supersedes (3-6-61).
- WANG, HSU-SHIEN, Research Assistant in Agricultural Entomology (S), $\frac{1}{2}$ time, three months from March 1, 1961, \$208.33 a month, and full time, three months from June 1, 1961, \$416.67 a month (3-27-61).
- WASSON, RICHARD H., Instructor in English, academic year beginning September 1, 1961, \$6,000 (3-2-61).
- WELCH, PHILIP B., Lecturer in Architecture (Chicago Undergraduate Division), $\frac{1}{2}$ time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$1,750 (3-2-61).
- WHITCOMB, ROBERT F., Research Associate in Botany, seven months from February 1, 1961, \$6,000 a year, supersedes (2-24-61).
- WHITE, LOUISE D., Instructor in Foreign Languages (Chicago Undergraduate Division), $\frac{1}{2}$ time, February 1-June 30, 1961, to render service during the second semester of the academic year, \$1,875, supersedes (3-2-61).
- WILLIAMS, A. RICHARD, Professor of Architecture, indefinite tenure, $\frac{1}{2}$ time, March 1-August 31, 1961, \$595.83 a month; and full time, from September 1, 1961, \$14,300 a year, to render service during each academic year, supersedes (2-24-61).
- WILSON, JEAN G., Research Assistant in Agricultural Entomology (S), six months from March 1, 1961, \$416.67 a month (3-22-61).
- WOOLLEY, DALE E., Assistant in English, February 1-June 15, 1961, \$422.22 a month, supersedes (2-24-61).

YEN, SHEE-MANG, Associate Professor of Aeronautical Engineering (C), two months from June 16, 1961, \$1,055.50 a month; this is in addition to his present appointment (3-2-61).

FELLOWS

(The following appointments were made by the President of the University.)

DeTURK, PHILLIP E., Edward L. Ryerson Traveling Fellow in City Planning and Landscape Architecture for 1961-62.

GREEN, THOMAS D., Twenty-seventh Francis J. Plym Fellow in Architectural Engineering for 1961.

NARCISI, LOUIS J., Edward L. Ryerson Traveling Fellow in Architecture for 1961.

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

AMIN, RAJNIKANT B., Lead Industries Fellow in Ceramic Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).

ASTLE, WILLIAM R., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$720 (2-27-61).

BARONE, SAM, Teaching Fellow in Economics, nine months from September 16, 1961, \$1,000 (4-1-61).

BEHR, MERLYN J., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$720 (2-27-61).

BERGER, RICHARD L., National Lead Company Fellow in Geology, nine months from September 16, 1961, \$1,500 (4-1-61).

BEYLE, THAD L., Charles E. Merriam Fellow in Political Science, nine months from September 16, 1961, \$1,800 (4-1-61).

BRAGAVAN, HEMMIGE N., Wright Fellow in Animal Science, nine months from September 16, 1961, \$1,500 (4-1-61).

BRANDON, RONALD A., Teaching Fellow in Zoology, nine months from September 16, 1961, \$1,000 (4-1-61).

BRITTAIN, THOMAS M., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).

BROWN, ROBERT H., Fellow in Music, nine months from September 16, 1961, \$1,500 (4-1-61).

BURGER, EDWARD H., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$720 (2-27-61).

BURKE, FREDDIE L., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$1,080 (2-27-61).

BUTLER, KENNETH J., Fellow in Art, nine months from September 16, 1961, \$1,500 (4-1-61).

CANALE-PAROLA, ERCOLE, United States Public Health Service Fellow (Trainee) in Microbiology, February 1-June 15, 1961, \$450 (2-13-61).

CARLSON, C. G., Fellow in Chemistry, September 16, 1961-January 31, 1962, \$825 (4-1-61).

CAWLEY, ROBERT G., Teaching Fellow in Physics, nine months from September 16, 1961, \$1,000 (4-1-61).

CHRISPEELS, M. J., Fellow in Agronomy, nine months from September 16, 1961, \$1,500 (4-1-61).

CHUANG, K. P., Fellow in Civil Engineering, September 16, 1961-January 31, 1962, \$750 (4-1-61).

CLARKE, GREGORY B., United States Public Health Service Fellow (Trainee) in Food Technology, seven months from February 1, 1961, \$1,283.31, supersedes (3-1-61).

CLAUSING, ARTHUR M., Fellow in Mechanical Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).

CORICK, JAMES A., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$960 (2-27-61).

COOGAN, ALAN H., Fellow in Geology, nine months from September 16, 1961, \$1,500 (4-1-61).

CREECH, ROGER L., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).

- CUTLER, WILLIAM F., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).
- DAI, PETER K., Fellow in Civil Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- DAUNISH, MRS. GERALDINE F., Mathematics Institute Fellow in Mathematics, February 1-June 15, 1961, \$2,375, supersedes; and two months from June 16, 1961, \$1,080 (3-1-61).
- DAVIS, MILTON A., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).
- DAWSON, NANCY L., Fellow in History, nine months from September 16, 1961, \$1,500 (4-1-61).
- DEWAN, R. K., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- DEHL, WAYNE E., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).
- DIETZ, HANS P., Fellow in the Classics, nine months from September 16, 1961, \$1,500 (4-1-61).
- CONNELLAN, B. A., Raymond Concrete Pile Company Fellow (in memorial to A. E. Cummings) in Civil Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- DONOGHUE, JOHN T., Universal Match Foundation Fellow in Chemistry, nine months from September 16, 1961, \$1,800 (4-1-61).
- DONOHUE, JOHN T., Fellow in Physics, nine months from September 16, 1961, \$1,650 (4-1-61).
- DOWNING, GEORGE L., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$960 (2-27-61).
- DREW, ERNEST H., Fellow in Chemistry, September 16, 1961-January 31, 1962, \$825 (4-1-61).
- DRINKALL, MRS. DERRY D., Teaching Fellow in Music, nine months from September 16, 1961, \$1,000 (4-1-61).
- DRINKALL, ROGER, Fellow in Music, nine months from September 16, 1961, \$1,500 (4-1-61).
- EGAWA, ROY T., Fellow in Civil Engineering, September 16, 1961-January 31, 1962, \$750 (4-1-61).
- EISELE, GEORGE A., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$960 (2-27-61).
- ELASSAL, ATEF A., Fellow in Civil Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- ERFLE, JAMES D., Fellow in Animal Science, nine months from September 16, 1961, \$1,500 (4-1-61).
- EVANS, CLARYCE L., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- EYMAN, D. P., Esso Research and Engineering Company Fellow in Chemistry, nine months from September 16, 1961, \$2,400 (4-1-61).
- FARMER, MELVIN L., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- FELERTAG, ROBERT H., Monmouth College Fellow in Chemistry, nine months from September 16, 1961, \$1,500 (4-1-61).
- FERRILL, ARTHUR L., Fellow in History, nine months from September 16, 1961, \$1,500 (4-1-61).
- FISHER, THOMAS H., Monsanto Chemical Company Fellow in Chemistry, nine months from September 16, 1961, \$1,900 (4-1-61).
- FITZKE, DAYLE G., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$960 (2-27-61).
- GAMBLE, WILLIAM L., Teaching Fellow in Civil Engineering, nine months from September 16, 1961, \$1,000 (4-1-61).
- GAUDETTE, HENRI E., Fellow in Geology, nine months from September 16, 1961, \$1,500 (4-1-61).
- GEORGE, JAMES, Teaching Fellow in Chemistry, nine months from September 16, 1961, \$1,000 (4-1-61).
- GILBERT, W. H., JR., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).

- GIST, RONALD, Teaching Fellow in Marketing, nine months from September 16, 1961, \$1,000 (4-1-61).
- GREER, JAMES E., Shell Companies Foundation Fellow in Geology, nine months from September 16, 1961, \$1,800 (4-1-61).
- GROESCHEL, EDWARD C., JR., Campbell Soup Company Fellow in Food Technology, nine months from September 16, 1961, \$2,400 (4-1-61).
- GUFFEY, GEORGE R., Fellow in English, nine months from September 16, 1961, \$1,500 (4-1-61).
- HAGGSTROM, GUS W., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$720 (2-27-61).
- HALL, CHARLES A., National Lead Fellow in Ceramic Engineering, nine months from September 16, 1961, \$1,740 (4-1-61).
- HAMMES, HENRY R., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$1,080 (2-27-61).
- HARADER, WAYNE R., Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1961, \$3,000 (4-1-61).
- HARRIS, PHILLIP J., JR., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$720 (2-27-61).
- HAWLEY, JOHN W., Fellow in Geology, nine months from September 16, 1961, \$1,500 (4-1-61).
- HEEREN, ROBERT G., Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).
- HEILES, WILLIAM H., Fellow in Music, nine months from September 16, 1961, \$2,000 (4-1-61).
- HEINS, CONRAD F., Charles Pfizer and Company Fellow in Chemistry, nine months from September 16, 1961, \$1,800 (4-1-61).
- HENDRICKSON, MRS. ELIZABETH K., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- HILL, JAMES L., Teaching Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1961, \$1,000 (4-1-61).
- HUBBELL, JOHN T., Fellow in History, nine months from September 16, 1961, \$1,500 (4-1-61).
- JAGER, OSWALD, National Institutes of Health Fellow (Trainee) in Nutrition (Animal Science), seven months from February 1, 1961, \$1,400 (2-1-61).
- JONES, BARCLAY G., Fellow in Nuclear Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- JUAN, CYNTHIA S., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- KARIPIDES, ANASTAS G., Minnesota Mining and Manufacturing Company Fellow in Chemistry, nine months from September 16, 1961, \$2,000 (4-1-61).
- KELLEHER, JAMES J., Fellow in Mathematics, nine months from September 16, 1961, \$2,000 (4-1-61).
- KELLSTEDT, L. A., Teaching Fellow in Political Science, nine months from September 16, 1961, \$1,000 (4-1-61).
- KESLER, OREN B., Fellow in Electrical Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- KIRBY, HARRY L., JR., Teaching Fellow in Spanish, nine months from September 16, 1961, \$667 (4-1-61).
- KLEBE, MONA D., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- KOENIG, TOM W., Rohm and Haas Company Fellow in Chemistry, nine months from September 16, 1961, \$1,900 (4-1-61).
- KONZ, MARVIN J., Lubrizol Foundation Fellow in Chemistry, nine months from September 16, 1961, \$2,000 (4-1-61).
- KOOPMAN, RAYMOND F., JR., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1961, \$1,800 (4-1-61).
- KOTESA, ROSEMARY A., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- LABUTA, JOSEPH A., Fellow in Music, nine months from September 16, 1961, \$1,500 (4-1-61).
- LEBERMANN, KENNETH W., Hackett Fellow in Food Technology, nine months from September 16, 1961, \$1,500 (4-1-61).

- LEHMANN, JOHN R., Television Shares Corporation Teaching Fellow in Electrical Engineering, September 16, 1961-January 31, 1962, \$1,000 (4-1-61).
- LONGHI, RAYMOND, American Cyanamid Company Fellow in Chemistry, nine months from September 16, 1961, \$1,800 (4-1-61).
- LYBY, DAVID, Procter and Gamble Company Fellow in Chemistry, nine months from September 16, 1961, \$2,100 (4-1-61).
- MACEK, ROBERT D., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- MACHIELE, DELWYN, Teaching Fellow in Chemistry, nine months from September 16, 1961, \$1,000 (4-1-61).
- MAGURA, DONALD D., Fellow in Civil Engineering, September 16, 1961-January 31, 1962, \$750 (4-1-61).
- MANN, LINDSAY A., Teaching Fellow in English, nine months from September 16, 1961, \$1,000 (4-1-61).
- MAPOTHER, DILLON E., Alfred P. Sloan Postdoctoral Fellow in Physics, July 1-August 15, 1961, \$1,200 a month (3-29-61).
- MARTIN, PRESTON K., Union Carbide Plastics Company Fellow in Chemistry, nine months from September 16, 1961, \$2,100 (4-1-61).
- MAXSON, CARLTON J., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$960 (4-1-61).
- MCCARTY, CHARLES G., Standard Oil Company of California Fellow in Chemistry, nine months from September 16, 1961, \$2,400 (4-1-61).
- MCGREGOR, ROBERT, Fellow in Geography, nine months from September 16, 1961, \$1,500 (4-1-61).
- MCGUIRE, EUGENE J., Fellow in Philosophy, nine months from September 16, 1961, \$1,500 (4-1-61).
- McNARY, ROSS O., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).
- MCTAGGART, FRED, Millikin University Fellow in English, nine months from September 16, 1961, \$1,500 (4-1-61).
- MEIER, LYLE K., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$1,080 (2-27-61).
- MERKELO, HENRY, Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).
- MEYERHOLTZ, ROY A., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).
- MILLER, JOHN P., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- MOORE, EDMUND T., JR., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$1,080 (2-27-61).
- MUCK, GEORGE A., Wright Fellow in Food Technology, nine months from September 16, 1961, \$1,500 (4-1-61).
- MUTTER, JOSEPH M., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- NAZARIAN, JOHN, Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).
- NORTON, MAURICE C., Teaching Fellow in Chemistry, nine months from September 16, 1961, \$1,000 (4-1-61).
- O'REGAN, PATRICK J., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$1,080 (2-27-61).
- PAGONES, MICHAEL J., Fellow in Electrical Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- PAHEL, KENNETH R., Fellow in Philosophy, nine months from September 16, 1961, \$1,500 (4-1-61).
- PAINTER, JOHN H., Fellow in Electrical Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- PALMER, LEONARD L., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).
- PATTERSON, CHARLES E., JR., Charles E. Merriam Fellow in Political Science, nine months from September 16, 1961, \$1,800 (4-1-61).
- PETERMANN, LOUISE D., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).

- POLYEYEA, MRS. BERNICE, Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- RECTOR, ROBERT E., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$1,080 (2-27-61).
- REEDY, DANIEL R., Fellow in Spanish, nine months from September 16, 1961, \$1,500 (4-1-61).
- REISS, L. PHILIP, Fellow in Chemical Engineering, September 16, 1961-January 31, 1962, \$825 (4-1-61).
- RIGGLEMAN, BILLY M., Shell Companies Foundation Fellow in Chemical Engineering, nine months from September 16, 1961, \$1,800 (4-1-61).
- ROBERTS, VERNE L., Engineering Faculty Development Teaching Fellow in Theoretical and Applied Mechanics, one year from September 1, 1961, \$2,000 (4-5-61).
- ROBINSON, IRVINE J. W., Conoco Fellow in Mathematics, nine months from September 16, 1961, \$2,200 (4-1-61).
- ROEDER, ROBERT C., Fellow in Astronomy, nine months from September 16, 1961, \$2,000 (4-1-61).
- SABACKY, M. JEROME, Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- SAFOWITZ, VIVIAN, Fellow in Music, nine months from September 16, 1961, \$1,500 (4-1-61).
- SCHIMBOR, RICHARD F., Teaching Fellow in Chemistry, nine months from September 16, 1961, \$1,000 (4-1-61).
- SEITZ, CLARE A., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- SHERMOEN, RICHARD E., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$960 (2-27-61).
- SINGH, AMARJIT H., Fellow in Physics, nine months from September 16, 1961, \$1,650 (4-1-61).
- SIRACUSA, JOSEPH, Teaching Fellow in Spanish, nine months from September 16, 1961, \$667 (4-1-61).
- SISTER M. CYRIL CARMODY, Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- SISTER JOHN OF GOD McGRATH, Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- SISTER M. GIOVANNI MEYER, Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- SLITER, GEORGE E., Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1961, \$1,500 (4-1-61).
- SMITH, CARROLL, United States Public Health Service Fellow (Special) in Psychiatry (Medicine), November 25, 1960-August 31, 1961, without stipend (3-22-61).
- SPRUNGER, KEITH L., Fellow in History, nine months from September 16, 1961, \$1,500 (4-1-61).
- STAGER, ROBERT A., Fellow in Chemical Engineering, nine months from September 16, 1961, \$1,650 (4-1-61).
- STEIN, ALLAN R., Firestone Tire and Rubber Company Fellow in Chemistry, nine months from September 16, 1961, \$1,500 (4-1-61).
- STEINHARDT, MRS. MARY-DELL, Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- STERNAMAN, BARBARA L., Fellow in Physical Sciences, nine months from September 16, 1961, \$1,500 (4-1-61).
- STRICKLAND, ARVAREH E., Kendrick C. Babcock Fellow in History, nine months from September 16, 1961, \$1,800 (4-1-61).
- SUGITA, MINEYASU, Fellow in Social Work, nine months from September 16, 1961, \$1,500 (4-1-61).
- SUSI, MRS. ENDLA V., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).
- TAYLOR, DOUGLAS H., Teaching Fellow in Mathematics, nine months from September 16, 1961, \$1,000 (4-1-61).
- TEPEN, BERNARD F., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).

- TOEFFER, RICHARD E., JR., Engineering Faculty Development Teaching Fellow in Electrical Engineering, February 1-June 15, 1961, \$1,335 (1-16-61).
- TULEEN, DAVID L., Allied Chemical Corporation Fellow in Chemistry, nine months from September 16, 1961, \$2,000 (4-1-61).
- UNDERWOOD, E. E., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$1,080 (2-27-61).
- VAN HISE, JAMES R., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- VERETTE, RALPH M., Fellow in Civil Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- WAA, LOREN R., Fellow in Music, nine months from September 16, 1961, \$1,500 (4-1-61).
- WAGNER, JOHN W., Fellow in Accountancy, nine months from September 16, 1961, \$1,500 (4-1-61).
- WALKER, BRIAN L., Fellow in Food Technology, nine months from September 16, 1961, \$1,500 (4-1-61).
- WALLACE, L. NADINE, Fellow in English, nine months from September 16, 1961, \$1,500 (4-1-61).
- WEISGERBER, DAVID W., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- WERTZ, ANN R., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- WESTHAL, WALTER R., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).
- WHITE, JOHN M., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- WIENER, MARK F., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$840 (2-27-61).
- WILFONG, ANNE E., Teaching Fellow in English, nine months from September 16, 1961, \$1,000 (4-1-61).
- WILKINS, JOHN W., Teaching Fellow in Physics, nine months from September 16, 1961, \$1,000 (4-1-61).
- WOOSTER, KENNETH, Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- YATES, MRS. MARGARET E., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- YETHON, ANDREW, Eli Lilly and Company Fellow in Chemistry, nine months from September 16, 1961, \$1,900 (4-1-61).
- YNTEMA, MARY K., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- YUDIN, FLORENCE L., Teaching Fellow in Spanish, nine months from September 16, 1961, \$667 (4-1-61).
- ZIMMERMAN, LESTER J., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$1,080 (2-27-61).

RESIGNATIONS AND DECLINATIONS

- ANDERSON, WILLIAM R., Associate Professor of Physics (Chicago Undergraduate Division), Summer Session of 1961 — declination effective June 23, 1961.
- ARNOLD, JACK D., Assistant Professor of Speech (Chicago Undergraduate Division) — resignation effective May 1, 1961.
- ASCARELLI, GIANNI, Research Associate in Physics — resignation effective April 1, 1961.
- CONNELL, BARBARA N., Head Resident, Lincoln Avenue Residence (North) — resignation effective April 1, 1961.
- HANG, DANIEL F., Associate Professor of Electrical Engineering, Summer Session of 1961 — declination effective June 19, 1961.
- HARDING, ROBERT H., Clinical Assistant in Dermatology (Medicine) — resignation effective September 1, 1960.
- HOLLOWAY, WILLIAM W., JR., Research Associate in the Coordinated Science Laboratory — resignation effective April 1, 1961.
- LORD, WILLIAM J., Instructor in Business English, Summer Session of 1961 — declination effective June 19, 1961.
- MCCLELLAND, DAN R., Adjutant in the Department of Military Science and Tactics (Army R.O.T.C.) — resignation effective April 1, 1961.

- RAFF, MRS. MURNA J., Research Assistant in the Digital Computer Laboratory—resignation effective April 1, 1961.
- RAMACHANDRAN, SURYANARAYAN, Research Associate in Plant Pathology—resignation effective April 1, 1961.
- RAU, RICHARD, Assistant in Mathematics, Summer Session of 1961—declination effective June 19, 1961.
- RENSHAW, HAROLD W., Fellow in Entomology—resignation effective February 1, 1961.
- RICHARDSON, THOMAS S., Assistant Professor of Music and Assistant to the Director of Music Extension—resignation effective March 10, 1961.
- SALIB, WAGDI R., Clinical Instructor in Psychiatry (Medicine)—resignation effective February 1, 1961.
- SCAMMAN, MRS. DIANA R., Assistant in Physical Medicine and Rehabilitation (Medicine)—resignation effective April 21, 1961.
- TYLER, W. SCOTT, Editor of the *Illinois Alumni News*—resignation effective April 15, 1961.
- VALEK, JAMES J., Assistant in Physical Education for Men—resignation effective March 18, 1961.
- WAFERLING, JOHN J., Assistant Director of the Physical Plant Department (Chicago Undergraduate Division)—resignation effective April 1, 1961.
- WHITE, LESTER, Assistant Professor of Architecture (Chicago Undergraduate Division)—resignation effective September 1, 1960.
- WINDLAND, MRS. NANCY F., Research Assistant in Microbiology—resignation effective December 13, 1960.

LEAVES OF ABSENCE

- DINGER, MRS. SHARON L., Assistant in Veterinary Pathology and Hygiene, in the College of Veterinary Medicine—leave of absence, without pay, for three months from April 1, 1961.
- JOHNSON, KEITH E., Research Associate in Chemistry—leave of absence on account of illness, with full pay, from January 10 to February 16, 1961, and without pay, from February 16 through August 31, 1961.
- KELLEY, WILBUR A., Research Assistant in Horticulture, in the Agricultural Experiment Station—disability leave of absence, with pay, from December 9, 1960, to January 15, 1961.
- LAUGHNAN, JOHN R., Professor of Botany—leave of absence, without pay, from March 1 through August 31, 1961, changed to leave of absence, without pay, on one-half time.
- MOSBORG, ROBERT J., Associate Professor of Civil Engineering—extension of leave of absence, without pay, for an additional year, from September 1, 1961, through August 31, 1962, so that he may continue his studies at the University of California under a second National Science Foundation Faculty Fellowship.
- PRINCE, LOUISE, Head Resident, Noble Hall—leave of absence on account of illness, without pay, from March 2 to April 1, 1961.
- RAWCLIFFE, ROBERT D., Research Associate Professor in the Coordinated Science Laboratory—leave of absence, without pay, for five months from April 1, 1961.
- SCOTT, ARTHUR L., Assistant Professor of English—leave of absence, without pay, from September 1, 1961, to March 1, 1962, so that he may complete a research project at the University of California.
- SCUDDER, CHARLES L., Instructor in Biological Science, in the Chicago Undergraduate Division—leave of absence, without pay, for the academic year 1961-62, so that he may accept a National Science Foundation Fellowship.
- SHELDEN, MIRIAM A., Dean of Women—leave of absence, with full pay, from March 21, 1961, for a period of sixty days, or so much thereof as may be necessary, on account of illness.
- WUERKER, RUDOLPH G., Professor of Mining Engineering—leave of absence on account of illness, with full pay, from February 1 to April 17, 1961, and without pay, from April 17 until further notice.

FESTIVAL OF CONTEMPORARY ARTS

Mrs. Watkins asked that the Board take note of the 1961 Festival of Contemporary Arts recently concluded on the Urbana-Champaign campus, and record its appreciation of the services of those in charge for the work they have done. The Secretary was instructed to send an appropriate message to them on behalf of the Trustees.

EXECUTIVE SESSION

At this point, on motion of Mr. Hughes, an executive session was requested and ordered for consideration of the following items of business.

APPROPRIATION FOR ARCHITECTURAL SERVICES

(1) In order that work may proceed on plans and specifications for buildings to be financed from the Universities Bond Issue, the Director of the Physical Plant and the Vice-President and Comptroller recommend that an appropriation of \$491,000, or as much thereof as may be necessary, be made from Indirect Costs to cover services performed prior to July 1, 1961. When the proceeds of the Bond Issue become available, subsequent payments will be charged to the state appropriations for the building projects involved, and the unexpended balance in the assignment from Indirect Costs will lapse.

On motion of Mr. Swain, this appropriation was made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

**SALE OF PROPERTY AT 609 EAST UNIVERSITY AVENUE.
CHAMPAIGN, AND PURCHASE OF PROPERTY AT
901 WEST GREEN STREET, URBANA**

(2) The Board of Trustees on February 15, 1961, authorized the exchange of property owned by the University at 609 East University Avenue, Champaign, for a property at 901 West Green Street, Urbana, which will be needed by the University in its long-range campus development. The Champaign property is an endowment fund investment¹ and the exchange arrangement was subject to an approving opinion of the Legal Counsel as to the University's right to exchange the asset of a trust fund. This property will not be required for campus expansion in the foreseeable future.

The Legal Counsel has advised that this trust fund must be invested in securities and that the property at 901 West Green Street will not qualify as an investment even though it may be owned by the University and the net income is used for the purposes of the endowment. The Champaign property is a qualified investment of the endowment only because it was acquired to protect a mortgage note on the property received as part of the original endowment bequest.

The Vice-President and Comptroller recommends that the University acquire the property at 901 West Green Street, Urbana, through the University of Illinois Foundation, at the previously negotiated price of \$21,000. The Board of Directors of the Foundation has approved this purchase and the First National Bank of Chicago has agreed to finance it. The University will purchase the property from the Foundation when state capital appropriations are available and released for land acquisitions. In the meantime the income from the property will be sufficient for interest and principal payments on the loan.

The Vice-President and Comptroller also recommends that the property at 609 East University Avenue, Champaign, be sold for \$21,000 and the proceeds invested in securities for the endowment fund. A formal resolution authorizing this transaction is submitted herewith.

I concur in these recommendations.

¹ This property represents part of the investment of a bequest made to the University by the late Dean Kendrick C. Babcock of the College of Liberal Arts and Sciences establishing an endowment fund for support of research, fellowships, and publications in history and political science.

On motion of Mr. Johnston, the foregoing recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

Resolution

WHEREAS, Paul A. Tangora and Arlene M. Tangora, his wife, of Champaign, Illinois, hereinafter termed "Purchasers," have offered to purchase the hereinafter-described property, upon the terms and conditions hereinafter set forth:

Now, Therefore, Be It and It Hereby Is Resolved, by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this Corporation be, and they hereby are, authorized and directed, in the name, and in behalf of, this Corporation to enter into an agreement with Purchasers providing for the sale and conveyance to Purchasers of the hereinafter-described property upon the following terms and conditions:

At a sale price of \$21,000, with customary adjustments to be made therein for abstracting and closing costs;

This Corporation to furnish Purchasers a merchantable Abstract of Title and to pay for the required Federal Documentary Tax Stamps;

Possession to be delivered to Purchasers at the time final payment is made, which shall be not later than July 1, 1961, but subject to the rights of the DX Sunray Oil Company under the lease entered into between it and this Corporation under date of January 1, 1961, which lease expires January 1, 1966;

Purchase price to be paid in full at the time of delivery of the deed and possession;

Title to be conveyed to be subject to the lease entered into with DX Sunray Oil Company under date of January 1, 1961, and which said lease shall be assigned by this Corporation to Purchasers at the time title is conveyed;

Such other terms and conditions as said Comptroller and Secretary may deem necessary or desirable.

It Hereby Is Further Resolved that upon compliance with the terms of said agreement by Purchasers, and in accordance with the terms thereof, said Comptroller and Secretary be, and they hereby are, authorized and directed, to execute, acknowledge, and deliver, in the name, and in behalf of, this Corporation, and under its Corporate Seal, a Warranty Deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to Purchasers, not in tenancy in common, but in joint tenancy, title to the following-described property, viz:

Lot One Hundred Four (104) of a Subdivision of the South part of Lot One (1) of the Southwest Quarter of Section Seven (7), Township Nineteen (19) North, Range Nine (9) East of the Third Principal Meridian, in the City of Champaign, in the County of Champaign, and State of Illinois.

On motion of Mr. Johnston, this resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

OPEN MEETING

A telephone call was received from Mrs. Florence Scala, 1030 West Taylor Street, Chicago, and Miss Jessie Binford, a resident of Hull House, representing a "Harrison-Halsted Group," requesting a hearing by the Board of Trustees.

On motion of Mr. Swain, this request was granted, and the Board reconvened in open meeting.

On motion of Mr. Clement, a five-minute recess was taken until Mrs. Scala and Miss Binford could appear.

Mrs. Scala and Miss Binford made presentations requesting the Board to reconsider its selection of the Harrison-Halsted Street site for the new Chicago campus of the University of Illinois and to choose another site, preferably Garfield Park. Mrs. Scala stated that the group she represents wants the new University campus within the City but in an area other than the Harrison-Halsted Street site.

Mr. Havens reviewed the site selection work of the Real Estate Research Corporation and the studies made by Skidmore, Owings, and Merrill, Architects and Engineers, which resulted in the selection of four sites: Meigs Field, Garfield Park, Riverside, and the Rail Terminal areas. He explained why the Trustees were obliged to eliminate Meigs Field and the Rail Terminal sites, Meigs Field because of legal restrictions which would prevent conveyance of title to the University, and the Rail Terminal because of the long time which would be involved in acquisition and clearance. He stated that the University made an all-out effort to secure Garfield Park, but title restrictions on key areas, the certainty of prolonged litigation over attempts on the part of the University to purchase and the Chicago Park District to sell, excessive replacement costs, and the reluctance of the Chicago Park District to make any definite commitments eliminated Garfield Park from further consideration. In the meantime, on September 27, 1961, the city of Chicago requested the University to include the Harrison-Halsted Street area as an alternate site with other sites which were then under consideration. Public announcements of this proposal was made at the time. The University proceeded to study this new site while attempts were still being made to acquire Garfield Park. When it became clear that the latter is not feasible, the Board on February 15, 1961, voted to select the Harrison-Halsted Street site and to accept the offer of the same by the city of Chicago.

Miss Binford asked if the Harrison-Halsted Street area was included in the sites studied by the Real Estate Research Corporation of Chicago. Mr. Havens replied that it was not included in the original studies, or in the public report of Real Estate Research Corporation presented to the Board of Trustees in October, 1958, but that the Harrison-Halsted Street area was subsequently studied by the Corporation after it had been proposed by the city of Chicago.

Mr. Dilliard asked if any others present wished to be heard.

A representative of the Garfield Park community, who did not identify himself, made a statement in behalf of the Garfield Park site.

At the conclusion of these presentations, on motion of Mr. Johnston, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

May 17, 1961



The May meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Wednesday, May 17, 1961, beginning at 9:30 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Richard A. Harewood, Mr. Earl M. Hughes, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson, Mr. Wayne A. Johnston, Governor Otto Kerner, and Mr. George T. Wilkins were absent.

Also present were President David D. Henry, Vice-President and Provost Lyle H. Lanier, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Dr. J. S. Begando, Vice-President in charge of the Chicago Professional Colleges, Director C. S. Havens of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. Ralph F. Lese-mann, Legal Counsel; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
LEO JOSEPH DONOVAN	Normandy, Missouri	Missouri
RICHARD RALPH FAVOUR	Beloit, Wisconsin	Wisconsin
MICHAEL JOSEPH LESH	Downers Grove, Illinois	District of Columbia

I concur.

On motion of Mr. Hughes, these certificates were awarded.

APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(2) The Committee on Accountancy recommends the appointment of Paul F. Johnson, Resident Partner of Ernst and Ernst, Certified Public Accountants, Chicago, to the Board of Examiners in Accountancy for a three-year term beginning July 1, 1961, to succeed Mr. Allen C. Howard whose term will expire on June 30.

I concur.

On motion of Mr. Harewood, this appointment was approved.

APPOINTMENTS TO THE FACULTY

(3) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. JAMES G. COKE, Director of the Office of Community Development, and Associate Professor in the Institute of Government and Public Affairs, beginning September 1, 1961, at an annual salary of \$13,000 (DY; AY).
2. ANDREW V. GRANATO, Research Associate Professor of Physics, for two months from July 1, 1961, at a salary of \$2,222 (G); to be reappointed effective September 1, 1961, on indefinite tenure, at an annual salary of \$10,000.
3. HARRISON KANE, Assistant Professor of Civil Engineering, beginning September 1, 1961, at an annual salary of \$7,500 (B).
4. MRS. WINIFRED C. LADLEY, Associate Professor of Library Science, beginning September 1, 1961, at an annual salary of \$8,800 (B).
5. TOHRU MOTO-OKA, Visiting Research Assistant Professor in the Digital Computer Laboratory, for the academic year 1961-62, at a salary of \$8,000 (E).
6. HANS NOWOTNY, Visiting Professor of Physical Metallurgy, in the Department of Mining and Metallurgical Engineering, for one month from June 29, 1961, at a salary of \$1,200 (G).
7. JOHN R. PASTA, Research Professor of Physics, in the Digital Computer Laboratory and in the Department of Physics, beginning September 1, 1961, at an annual salary of \$15,500 (AY).
8. ROBERT L. SPAULDING, Assistant Professor of Education, beginning September 1, 1961, at an annual salary of \$8,000 (D).
9. RICHARD E. SPEECH, Assistant Professor of Sanitary Engineering, in the Department of Civil Engineering, beginning September 1, 1961, at an annual salary of \$7,500 (B).
10. CORA E. THOMASSEN, Assistant Professor of Library Science, beginning September 1, 1961, at an annual salary of \$7,000 (D).
11. WILLIAM J. GROVE, Associate Dean of the College of Medicine and Associate Professor of Surgery, beginning July 1, 1961, at an annual salary of \$19,000 (BY; AY).

Appointments to Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointments to supervisory positions of upper-level responsibility.

1. CRAIG R. ALLEN, Electronics Engineer, Department of Electrical Engineering, beginning March 3, 1961, at an annual salary of \$7,800.
2. MARJORIE S. CAVANAH, Food Service Supervisor, Residence Halls, beginning March 7, 1961, at an annual salary of \$4,000.
3. GUST E. HERMANSON, Accountant II, Auditing Division, Chicago Professional Colleges, beginning February 1, 1961, at an annual salary of \$7,200.
4. ROBERT A. HOFFSWELL, Accelerator Engineer I, Physics Department, beginning March 1, 1961, at an annual salary of \$6,300.
5. PAUL E. DIXON, Associate Architect, Physical Plant Department, beginning March 3, 1961, at an annual salary of \$10,500.
6. OLIVIA R. MAGTIRA, Assistant Food Production Manager, Residence Halls, beginning February 24, 1961, at an annual salary of \$4,500.
7. KENNETH L. SEIB, Electronics Engineer, Department of Electrical Engineering, beginning March 20, 1961, at an annual salary of \$7,200.
8. JAMES W. WRIGHT, Electronics Engineer, Department of Electrical Engineering, beginning March 22, 1961, at an annual salary of \$7,500.

On motion of Mr. Swain, these appointments were confirmed.

HONORARY DEGREES

(4) The Urbana-Champaign Senate has recommended awards of honorary degrees to the following:

- MARTIN PAUL CATHERWOOD, Doctor of Laws (LL.D.)
 HARRIS FRANCIS FLETCHER, Doctor of Letters (Litt.D.)
 LAWRENCE A. KIMPTON, Doctor of Laws (LL.D.)
 POLYKARP KUSCH, Doctor of Science (Sc.D.)
 SEWALL WRIGHT, Doctor of Science (Sc.D.)

I recommend approval of these degrees, to be conferred at the Commencement exercises at Urbana-Champaign on June 17, 1961, or at some other appropriate convocation thereafter if any of the recipients is unable to attend the June Commencement.

Submitted herewith are the formal nominations presented to the Senate for these degrees and copies are being filed with the Secretary of the Board for record.

On motion of Mr. Hughes, these degrees were authorized, as recommended.

INVITATION TO PRESIDENT TO VISIT BRITISH UNIVERSITIES

(5) I request the Board of Trustees to authorize my acceptance of an invitation to attend meetings of vice-chancellors of British universities in early July at Cambridge University, England, and to visit British universities during a three-week period following the Cambridge meeting.

The invitation has been presented through the Association of American Universities, and the presidents of ten member institutions of that Association will constitute the delegation.

The members of the delegation will have unusual opportunity to study British higher education and to bring back to their own institutions comparative information and insights from the experience.

The travel expense will be underwritten by the Carnegie Foundation of New York.

On motion of Mr. Harewood, the President's request was approved.

SUMMER SPEECH CLINIC WORK BY DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(6) The Division of Services for Crippled Children has been supporting summer speech clinics in cooperation with higher educational institutions in several areas of the state. The patients are children who can not be given the necessary care in their communities and those selected represent some of the most complex speech rehabilitation problems and are cases afflicted with cerebral palsy, cleft

palate, and severe hearing loss. They are eligible for treatment under the program of the Division and are in need of speech treatment as an integral part of the complete medical care program. Cooperating institutions contribute their facilities and staff.

It is recommended that during the summer of 1961, speech clinics be authorized in the following institutions on a reimbursable cost basis, estimated as follows:

Augustana College, Rock Island.....	\$ 9 722 00
Northern Illinois University, DeKalb.....	10 246 55
Southern Illinois University, Carbondale.....	8 820 00
Illinois State Normal University, Normal.....	12 233 33
	\$41 021 88

A similar clinic will be conducted at the University of

Illinois at Urbana at an estimated cost of..... 15 148 75

Funds are available in the budget of the Division of Services for Crippled Children.

The Director of the Division of Services for Crippled Children, the Vice-President in charge of the Chicago Professional Colleges, and the Vice-President and Comptroller join in this recommendation.

I concur.

On motion of Mr. Swain, this recommendation was approved.

FEDERAL GRANT FOR REHABILITATION CENTER BUILDING

(7) The Vice-President and Provost and the Vice-President and Comptroller recommend that an application be submitted to the federal government for a grant of \$300,000 under the Hill-Burton Act, to provide for one-third of the cost of a new building for the Rehabilitation Center, and that the University of Illinois Foundation be requested to solicit gifts of \$300,000 to assist in financing the project. The remaining one-third would be provided from the capital appropriations to the University for the 1961-63 biennium.

I concur and recommend the adoption of the following resolution, which is necessary in connection with submitting the application:

Resolution

Resolved that H. O. Farber, Comptroller, and A. J. Janata, Secretary of the Board of Trustees of the University of Illinois, be and hereby are authorized to sign applications for grants-in-aid under the Illinois Hospital Construction program and Public Law 725 (The Hill-Burton Act) in connection with a grant for the building of a rehabilitation facility at the University of Illinois in Urbana-Champaign.

On motion of Mr. Hughes, this resolution was adopted.

GRANTS FOR CONSTRUCTION OF LABORATORY FOR DEPARTMENT OF FOOD TECHNOLOGY

(8) The University has received official notice from the Health Research Facilities Branch of the National Institutes of Health, United States Public Health Service, of approval of an application for a grant of \$400,000 to be used for the construction of the Burnside Research Laboratory at Urbana to be used for fundamental research programs related to lipid metabolism and nutrition in degenerative diseases. The grant is made on condition that it will be matched by an equal amount by the University to provide a total of \$800,000 for construction and equipment of the laboratory.

One-half of the University's contribution will be available in state appropriations from the proceeds of the Universities Bond Issue. The other half will be a private gift to the University for this project from Miss Ethel Burnside of Paris. Miss Burnside's attorney, Mr. Raymond I. Massey of the firm of Massey, Anderson, and Gibson, Paris, and an alumnus of the University of Illinois, has handled the legal arrangements for Miss Burnside's gift.

Operational programs aimed at the control and eradication of degenerative diseases have been hampered by earlier neglect in the area of basic research in lipid metabolism. In recognition of this need, the National Institutes of Health have supported research, and more recently training grants, in this general area. A training program in lipid metabolism and nutrition is presently active at the

University of Illinois under the direction of Dr. Fred A. Kummerow, Professor of Food Chemistry in the Department of Food Technology. The Illinois State Heart Association and the Edgar County Heart Unit have been interested in this field of research and were of great assistance to the University in obtaining the private grant.

The building will be approximately 20,000 square feet in size and will be constructed on Pennsylvania Avenue in the area assigned to the College of Agriculture.

President Henry introduced Professor Fred A. Kummerow of the Department of Food Technology who discussed the research program in which he and his colleagues are engaged and which will be housed in the Burnside Research Laboratory.

On motion of Mr. Swain, acceptance of these grants was authorized, and the Board recorded its deep appreciation of the generous gift of Miss Ethel Burnside.

ARCHITECTURAL SERVICES FOR RESEARCH LABORATORY FOR DEPARTMENT OF FOOD TECHNOLOGY

(9) On February 15, 1961, the Board of Trustees authorized the employment of Glenn G. Frazier and Associates, Architects, Urbana, at a fee of 6 per cent of construction costs for architectural and engineering services for a research laboratory for the Department of Food Technology. Because funds for the construction of the building are subject to availability of federal and other grants, the architectural services authorized were limited to preliminary studies until construction funds became available.

The preliminary studies have been completed and funds have now been assured to finance completion of the plans and specifications.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that Glenn G. Frazier and Associates be authorized to complete plans and specifications.

I concur.

On motion of Mr. Hughes, these services were authorized.

CONTRACTS AND APPROPRIATION FOR INTERIOR REMODELING OF UNIVERSITY ARMORY

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for interior remodeling in the Armory to provide space for the relocation of the offices now in the temporary Sixth Street Building, which will be razed to provide a site for the new College of Commerce and Business Administration Building, the award in each case being to the lowest bidder:

General — A. F. Krall Construction Company, Inc., Decatur	\$136 499
Base Bid	\$139 445
Additive Alternate: for removal of present concrete floor, to be replaced by new concrete floor	2 254
Deductive Alternates:	
For acceptance of alternate type of structural floor system	—2 000
For use of lath and plaster and steel stud construction instead of dry wall and steel stud construction	—3 200
Electrical — Downtown Electric, Urbana	47 325
Base Bid	\$ 46 325
Additive Alternate: for increase in capacity of electric transformer from 3 kva to 5 kva	1 000
Plumbing — Ralph Vancil, Inc., Cairo	15 052
Heating and Ventilating (combined contract) — R. H. Bishop Company, Champaign	112 230
Heating	\$ 99 410
Ventilating	12 820
Total Contracts	\$311 106

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur and recommend an appropriation of \$363,000 be made from the General Reserve Fund for this project.

On motion of Mr. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Wilkins.

CONTRACTS FOR CONSTRUCTION OF PENNSYLVANIA AVENUE RESIDENCE HALLS

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts as follows for the construction of the Pennsylvania Avenue Residence Halls for Women in the area at the southwest corner of Pennsylvania and Lincoln Avenues in Urbana. The award in each case is to the lowest bidder.

General — Kuhne-Simmons Company, Inc., Champaign.....	\$3 064 065
Base Bid	\$3 069 900
Fee for supervision of other contractors.....	34 165
It is recommended that all mechanical contractors be assigned to the general contractor who will assume responsibility for the supervision and quality of their work, thus making the mechanical contractors subcontractors of the general contractor.	
Deductive Alternate: substitution of air-dried blocks for steam-cured as specified; air-dried blocks have been used in connection with Urbana construction...	—40 000
Electrical — Cunningham Electric Company, Anna.....	303 100
Base Bid	\$ 288 800
Additive Alternate: provision of two additional electrical convenience outlets in each study room throughout the building.....	14 300
Plumbing — Nu-Way Plumbing Service, Inc., Chicago.....	394 000
Heating — Economy Piping Contractors, Inc., Skokie.....	538 860
Ventilating — Montefusco Heating and Sheet Metal Company, Peoria..	144 899
Kitchen Equipment — Kuhne-Simmons Company, Inc., Champaign....	225 218
Total Contracts	\$4 670 142

Funds will be available to finance the construction of these halls from the proceeds of the revenue bonds which are being sold today.

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur in these recommendations.

On motion of Mr. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Wilkins.

CONTRACTS FOR CONSTRUCTION OF STUDENT SERVICES BUILDING

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for construction of a Student Services Building on the north side of John Street immediately west of Illini Hall in Champaign to provide quarters for relocation of the Office of the Dean of Students and various subdivisions of that office, and for the Student Counseling Service. The award in each case is to the lowest bidder.

General — Kuhne-Simmons Company, Inc., Champaign.....	\$ 669 250
Base Bid	\$667 500

Additive Alternate: for reconstruction of sidewalks on north side of John Street required because of underground utilities installations.....			1 750
Electrical—Cunningham Electric Company, Anna.....			109 735
Plumbing—H. P. Reger and Company, Chicago.....			42 500
Heating—Ideal Heating Company, Chicago.....			159 333
Ventilating—R. H. Bishop Company, Champaign.....			54 360
Total Contracts			\$1 035 178

Funds will be available for the construction of the Student Services Building from the proceeds of the revenue bonds which are being sold today.

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Clement, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Wilkins.

CONTRACTS FOR CONSTRUCTION OF PHYSIOLOGY RESEARCH LABORATORY

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of the following contracts for the construction of a Physiology Research Laboratory on the University's south farm, east of First Street and south of St. Mary's Road, the award in each case being to the lowest bidder: General—A. F. Krall Construction Company, Inc., Decatur.....\$ 35 238

General — A. F. Khan Construction Company, Inc., Decatur.....	\$ 33 572	\$ 33 572
Base Bid		
Additive Alternates:		
Ceramic tile walls in operating room and wash room....	976	
Quarry tile floor in operating room.....	690	
Electrical — Brunkow Electric Company, Champaign.....		8 438
Base Bid	\$ 7 588	
Additive Alternate: for lightning rods on building.....	850	
Plumbing — David W. Reichard Plumbing and Heating, Urbana.....		9 200
Base Bid	\$ 7 300	
Additive Alternate: for a still and associated piping to provide distilled water for research work.....	1 900	
Heating and Ventilating (combined contract) — Nogle and Black, Inc., Champaign		6 213
Heating.....	\$ 4 958	
Ventilating	1 255	
Total Contracts		\$ 59 089

Funds for this project are available in the following grants:

National Institutes of Health Grant No. RC 618.....	\$ 40 000
Moorman Manufacturing Company Grant.....	40 000
	\$ 80 000

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Wilkins.

CONTRACT FOR FOOD SERVICE EQUIPMENT FOR ILLINI UNION ADDITION

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$333,184.13 to Servco Equipment Company, St. Louis, Missouri, the lowest bidder, for food service equipment for the addition to the Illini Union Building.

Funds are available from the proceeds of the revenue bond issue to finance the construction of the Illini Union Building addition.

I concur.

On motion of Mr. Swain, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Wilkins.

CONTRACTS FOR FOOD SERVICE BUILDING FOR ORCHARD DOWNS HOUSING

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of the following contracts to the lowest bidders for construction of a Food Service Building for the Orchard Downs Apartments:

General—L. E. DeVore Company, Decatur.....	\$ 86 649
Electrical—Neal Morton Electric, Champaign.....	11 716
Plumbing—Champaign Plumbing and Heating Company, Champaign...	17 293
Heating—F. R. Inskip and Company, Champaign.....	21 983
Ventilating—Petry Roofing and Sheet Metal Company, Champaign....	6 735
<i>Total Contracts</i>	\$144 378

Funds are available in Housing Division Reserves to finance the construction of this project.

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur in these recommendations.

On motion of Mr. Clement, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Wilkins.

CONTRACT FOR ADDITIONS TO POWER PLANT

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$424,375 to Daugherty Company, Inc., Chicago, the lowest bidder, for piping system and miscellaneous equipment and underground steam distribution piping system (Division "8-N") for additions to the Abbott Power Plant (Boiler No. 6, Unit No. 7).

Funds are available in the state appropriations to the University for 1959-61 and have been released.

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Hughes, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Wilkins.

CONTRACTS FOR COAL PURCHASES FOR ABBOTT POWER PLANT

(17) The Director of Purchases, the Vice-President and Comptroller, and the Director of the Physical Plant recommend awards of contracts as follows for 173,000 tons of coal screenings to be delivered to the Abbott Power Plant during the period July 1, 1961, through June 30, 1963.

	<i>Location of Mine</i>	<i>F.a.b. Mine</i>
Bell and Zoller Coal Company, Chicago		
25,000 tons @ \$5.13.....	Murdock	\$128 250 00
Republic Coal and Coke Company, Chicago		
124,000 tons @ \$4.88.....	Hillery	605 120 00
V-Day Coal Company, Danville		
24,000 tons @ \$4.53.....	Danville	108 720 00
Freight rate on 173,000 tons @ \$1.35 per ton.....		233 550 00
<i>Total Cost</i>		<u>\$1 075 640 00</u>

Sealed bids on uniform specifications were opened on April 18, 1961. Invitations to bid were sent to twenty-three producers, in addition to solicitation by newspaper advertisements.

The bids are evaluated in the terms of the number of British Thermal Units purchased for one cent based on guaranteed analysis. A continuous check is maintained to insure compliance with specifications.

It is advantageous to have contracts with three sources of supply to be assured of delivery of coal at all times.

The prices quoted are based on present wage scales and are subject to increase or decrease in event that wage contracts now in effect are changed. Any such change will affect the price to the extent that production costs are increased or decreased by new contracts. The University may cancel the balance of the purchase contract if it believes that any price adjustment is not justified.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute contracts as recommended, subject to the approval by the Governor as required by the State Constitution.

On motion of Mr. Hughes, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Wilkins.

CONTRACTS FOR FUEL FOR MEDICAL CENTER STEAM PLANT AND FOR CHICAGO UNDERGRADUATE DIVISION

Coal for Medical Center Steam Plant

(18) The Director of the Physical Plant, the Business Manager of the Chicago Colleges and Divisions, and the Vice-President and Comptroller recommend award of a contract to the Crerar Clinch Coal Company, 3552 West Division Street, Chicago 51, Illinois, the lowest bidder, for an amount not to exceed 42,000 tons of screenings coal per year, to be delivered to the Medical Center Steam Company plant, operated by the University, as required during the period July 1, 1961, to June 30, 1963, at a per-ton cost of \$6.05, plus transportation of \$0.89, plus \$0.80 for handling, storage, and delivery, or a total expenditure not to exceed \$650,160 for the two-year period. This price is based on present wage scales and is subject to increase or decrease in the event wage contracts or freight rates now in effect are changed, and any such change affects the price. The University has the right of approval of any such increase in price.

The lowest bid is determined by the number of British Thermal Units per one cent of cost, based on guaranteed analysis. A continuous check is provided to insure compliance with the specifications.

Fuel Oil for Medical Center Steam Plant

The aforesaid officers also recommend the purchase of a minimum of 8,000 gallons of No. 5 fuel oil with the option of purchasing as much more as may be required for emergency use, but not to exceed 450,000 gallons, for the 1961-62 heating season, from the Suburban Oil Company, 7340 West Fifteenth Street, Forest Park, Illinois, the lowest bidder, at a current price of \$0.079 per gallon subject to adjustment in accordance with the posted price variations published in the "Oil Daily." The total cost of 8,000 gallons would not exceed \$632, and of 450,000 gallons, \$35,550.

The Medical Center Steam Company plant is equipped to burn either coal, gas, or oil. Winter operation has been with coal, and summer with gas. The

fuel oil is for stand-by service. If used for emergency operation instead of gas or coal, there will be a corresponding reduction in expenditure for these two fuels.

Fuel Oil for Undergraduate Division

The aforesaid officers also recommend the purchase of No. 5 fuel oil, not to exceed 291,500 gallons, for the 1961-62 heating season, from the Great American Oil Company, 855 West Evergreen Avenue, Chicago 22, Illinois, the lowest bidder, at a firm price of \$0.07465 per gallon. On the basis of price quoted, the total expenditure for 291,500 gallons is \$21,760.48.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the contracts, subject to approval by the Governor as required by the State Constitution.

On motion of Mrs. Watkins, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Wilkins.

STEAM SERVICE TO DEPARTMENT OF PUBLIC WELFARE LAUNDRY

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a contract with the Illinois Department of Public Welfare for steam service from the Medical Center Steam Company plant to a new laundry to be constructed in the Medical Center District between Paulina Street and Hermitage Avenue, immediately north of Roosevelt Road, this contract to be on the same basis as the University's contracts with other consumers of steam in the Medical Center District supplied by the Company. The requirements of the laundry will not exceed 14,000 pounds per hour maximum demand, which is within the capacity of the present plant.

I recommend approval.

On motion of Mrs. Watkins, this contract was authorized.

CONTRACT FOR INSTALLATION OF LABORATORY EQUIPMENT AT CHICAGO PROFESSIONAL COLLEGES

(20) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$2,947.31 to the Kewaunee Manufacturing Company, Evanston, the lowest bidder, for installation of laboratory equipment in the first unit of the Dentistry-Medicine-Pharmacy Building.

The work will consist of furnishing and installing laboratory equipment in a room remodeled for use as a research laboratory for the Department of Anatomy.

Funds are available from the United States Public Health Service.

I concur.

On motion of Mr. Swain, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Wilkins.

USE OF UNIVERSITY FACILITIES BY TWIN CITY BIBLE CHURCH

(21) The officers of the Twin City Bible Church, whose properties at 1101 West Springfield Avenue (the parsonage) and 1302 West Springfield (the site of the church building which has been razed), Urbana, have been purchased by the University, have requested the use of University facilities while their new church is being constructed. Specifically they have requested the use of twelve rooms and the auditorium in Gregory Hall at certain scheduled hours on Sundays when such rooms would not ordinarily be in use by the University.

The request can not be authorized administratively under Board of Trustees rules governing the use of University buildings by outside organizations so that authorization of an exception to this by the Board of Trustees would be required. However, there are precedents for such exceptions for the use of University premises by church organizations, such exceptions having been authorized by the

Board on condition that the University would be reimbursed for actual direct costs involved.

The Director of the Physical Plant recommends and I concur that the Twin City Bible Church be permitted to use rooms in Gregory Hall, or elsewhere if conditions require changes to other buildings from time to time, every Sunday for a period of fifteen months at a rental of \$23 per day for each day that the facilities are used.

On motion of Mrs. Watkins, this request was approved, as recommended.

PURCHASES

Purchases Authorized

(22) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase was recommended on the basis of the lowest acceptable bid.

Urbana-Champaign Departments

Item	Department	Vendor	Cost
712 terminal boards	Digital Computer Laboratory	Malco Manufacturing Co., Chicago	\$ 4 125 00 f.o.b. Chicago
One air particulate radioactivity monitor	Physics	Nuclear Measurements Corp., Indianapolis, Ind.	2 646 00 f.o.b. delivered
Ultrasonic apparatus consisting of: one high power pulsed oscillator, operable from 300 k.c. to 150 m.c.; two extra coils for range from 85 to 150 m.c.; one amplifier, 6 to 60 m.c.; one pre-amplifier 93 to 3200 ohm; one precision attenuator, 0 to 122 db; one balancing network and one set of cables	Physics	Arenberg Ultrasonic Laboratory, Inc., Jamaica Plain, Mass.	2 994 00 f.o.b. shipping point
Television masts, telescoping sections, 10-ft. maximum length per section; four hundred 35 ft. to 40 ft. and forty 45 ft. to 50 ft.	State Water Survey	Rahn Manufacturing Co., Peoria	3 731 16 f.o.b. delivered

On motion of Mr. Pogue, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

Item	Department	Vendor	Cost
One lot of laboratory equipment and supplies consisting of one spectrophotometer, one balance, thirty-six bags of corks, fifty dozen cover glasses, 400 gross slides, and two gross of pharmaceutical graduates	Anatomy General Stores	Schaar & Co., Chicago	\$ 3 495 02 delivered
One lot of laboratory equipment and supplies: one spectrophotometer and accessories; 1,000 ft. tubing; 220 lbs. rubber stoppers; 48 files, 72 pieces wire gauze; 168 test tube supports; 180 brushes; 120 microstoppers, 72 ring supports	Biological Chemistry	Schaar & Co., Chicago	3 150 00 net delivered
One lot laboratory equipment and supplies	Medicine	Schaar & Co., Chicago	3 354 62 net delivered
Optical goods, including services and repairs for infirmity patients at the Illinois Eye and Ear Infirmary, as required on prescriptions and authorization of the Infirmary staff, for the period July 1, 1961, through June 30, 1963; estimated number of prescriptions, 16,000	Ophthalmology	American Optical Co., Chicago	112 000 00
100,000 acetazolamide tablets, 250 mg.; this represents a six-month supply	Pharmacy	Lederle Laboratories, Chicago	4 962 20 delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Approximately 1,100 millieuries of assorted radio isotopes for use by the Isotope Laboratory during the period from July 1, 1961, through June 30, 1962	Radiology	E. R. Squibb & Sons, Franklin Park	\$ 2 908 43 delivered
Approximately 2,290 boxes and 46 rolls of Eastman, Ansco, and DuPont medical X-ray film to be used by the Department of Radiology during the year beginning July 1, 1961, through June 30, 1962, subject to renewal for one year by mutual agreement	Radiology	John V. Doehren Co., Chicago	\$6 344 90
One addressograph keyboard graphotype machine and accessories	Research and Educational Hospitals	Addressograph-Multigraph Corp., Chicago	3 360 70 delivered
Approximately 1,300 pints of whole human blood (Rh positive and Rh negative), 600 pints of heparinized blood, and 350 pints of ACD siliconized blood to be supplied as needed by the Research and Educational Hospitals for the period July 1, 1961, through June 30, 1962, with the option to renew for one additional year by mutual agreement	Blood Bank, Research and Educational Hospitals	Interstate Blood Bank, Inc., Chicago Chicago Blood Donor Service, Chicago Mount Sinai Research Foundation, Chicago Michael Reese Research Foundation, Chicago	25 000 00 20 000 00 15 000 00 10 000 00 (70 000 00)
Approximately 6,215 gallons of X-ray solutions and maintenance service for manually operated X-ray film processing units	Various Departments	Illinois Solution Service, Chicago	3 676 13
Approximately 201 cartons of X-ray solutions and maintenance service for one automatic X-ray film processing unit, for the period July 1, 1961, through June 30, 1962 Subject to renewal for one year by mutual agreement		Philip A. Hunt Co., Chicago	4 127 50 (7 803 65)
Linen service for food service departments of the Chicago Colleges and Divisions for the period July 1, 1961, through June 30, 1963	Various Departments	American Linen Supply Co., Chicago	18 092 64
Continuous cloth towel service of approximately 30,000 rolls as needed during the period July 1, 1961, through June 30, 1963, in various areas of the Chicago Professional Colleges and the Chicago Undergraduate Division	Various Departments	American Linen Supply Co., Chicago	25 000 00
Underground cast iron piping system	Physical Plant	E. B. Kaiser Co., Glenview	6 900 00 delivered
<i>Urbana-Champaign Departments</i>			
Precast concrete footings, frames, side wall and end panels, and floor slats for a 30 ft. x 64 ft. 6 in. hog house for the Norman Research Farm	Agricultural Engineering	Nelsen Concrete Culvert Co., Champaign	5 371 38 f.o.b. delivered
One 1955 model Piper Apache twin aircraft with not more than 2,200 hours air-frame time complete with VOA2 Narco Omniflexer, twenty-seven-channel Narco Simplexer, ADF 12D Lear Orienter, twenty-seven-channel Mark 2 Narco Omnigator, heavy duty starter and dual generators	Institute of Aviation	Byerly Aviation, Inc., Peoria	12 900 00 f.o.b. delivered
Two single-engine training airplanes complete with battery, starter, generator; navigation and landing lights; nine-crystal, VHF radio equipment; instrument panel with sensitive altimeter, directional gyro, turn and ball indicator; artificial horizon, VFR equipment; vacuum system and gauges; and outside air temperature gauge; less trade-in allowances for two Aeronca 7 AC airplanes	Institute of Aviation	Champion Aircraft Corp., St. Paul, Minn.	10 144 14 f.o.b. delivered
One ultracentrifuge with rotor temperature indicator and four rotors	Chemistry and Chemical Engineering	Beckman Instruments, Inc., Spinco Division, Palo Alto, Calif.	9 715 00 f.o.b. delivered

Item	Department	Vendor	Cost
One linear programmed temperature gas chromatograph with recorder, disc integrator, and three columns	Chemistry and Chemical Engineering	F & M Scientific Corp., New Castle, Del.	\$ 3 591 22 f.o.b. delivered
One grating monochromator, 1,200 grooves/mm., without light source	Coordinated Science Laboratory	E. H. Sargent & Co., Chicago	2 500 00 f.o.b. delivered
One random access magnetic core memory with capacity of 8,192 words x 32 bits	Coordinated Science Laboratory	Radio Corp. of America, Chicago	56 800 00 f.o.b. delivered
One helium leak detector with vacuum system, air-cooled diffusion pump, and shockmounted 5 c.f.m. roughing pump	Coordinated Science Laboratory	Vacuum-Electronics Corp., Plainview, Long Island, N.Y.	5 330 00 f.o.b. delivered
128 antenna multicouplers to provide an active unit antenna multicoupler and associated power supply system over the frequency range 2 to 32 m.c.	Electrical Engineering	Trak Electronics Co., Wilton, Conn.	113 280 00 f.o.b. delivered
One printing timer	Microbiology	Tracerlab, Inc., Chicago	2 587 75 f.o.b. delivered
One sample changer	Microbiology	Tracerlab, Inc., Chicago	2 587 75 f.o.b. delivered
One ultracentrifuge with three rotors to accept 5 cc., 6.5 cc., and 13.5 cc. tubes	Microbiology	Beckman Instruments, Inc., Spinco Division, Palo Alto, Calif.	7 970 00 f.o.b. delivered
One ultracentrifuge with three rotors and accessories	Microbiology	Beckman Instruments, Inc., Spinco Division, Palo Alto, Calif.	8 512 40 f.o.b. delivered
1,500 feet tubing, Cupro nickel	Physics	C. A. Roberts Co., Franklin Park	3 149 29 f.o.b. delivered
1,800 feet tubing, Inconel	Physics	C. A. Roberts Co., Franklin Park	3 149 29 f.o.b. delivered
160 feet tubing, Monel	Physics	C. A. Roberts Co., Franklin Park	3 149 29 f.o.b. delivered
All in assorted sizes	Physics	C. A. Roberts Co., Franklin Park	3 149 29 f.o.b. delivered
One electronic system to continuously monitor the twenty-four-hour temperature cycle of laboratory animals up to twenty cages in sequence; consists of transmitter, cage, and receiver-multiplexer	Veterinary Medicine	Scientific Products Division, American Hospital Supply Corp., Evanston	2 557 00 f.o.b. delivered
550 dozen sheets, type 140, 63 in. x 108 in., 2-inch hem on top and bottom	Housing Division, Men's Residence Halls	Karoll's, Inc., Chicago	11 949 80 f.o.b. delivered
570 dozen pillow cases, type 140, 42 in. x 36 in., for the new Gregory Drive Residence Halls	Housing Division	Associated Service & Supply Co., Chicago	2 952 00 f.o.b. delivered
1,260 bed pillows, 20 in. x 26 in. finished size, for Gregory Drive Residence Halls	Housing Division	Associated Service & Supply Co., Chicago	2 952 00 f.o.b. delivered
Silverplated flatware, triple plated quality:	Housing Division	International Silver Co., Chicago	3 012 00 f.o.b. delivered
150 dozen forks, utility	Housing Division	International Silver Co., Chicago	3 012 00 f.o.b. delivered
150 dozen knives, utility	Housing Division	International Silver Co., Chicago	3 012 00 f.o.b. delivered
150 dozen teaspoons	Housing Division	International Silver Co., Chicago	3 012 00 f.o.b. delivered
150 dozen bouillon spoons	Housing Division	International Silver Co., Chicago	3 012 00 f.o.b. delivered
617 foam rubber mattresses for Orchard Downs Apartments	Housing Division	Anderson Mattress Co., Inc., Anderson, Ind.	14 869 70 f.o.b. delivered
Kitchen equipment	Housing Division	Twin City Equipment Co., Champaign	15 440 00 f.o.b. delivered
	Housing Division	Morton Selz, Inc., Chicago	5 393 00 f.o.b. delivered
	Housing Division	Alex Janows & Co., Chicago	1 242 00 f.o.b. delivered
	Housing Division	Hobart Manufacturing Co., Springfield	580 00 f.o.b. delivered
	Housing Division	Pennington Equipment Co., Springfield	6 515 38 f.o.b. delivered
One walk-in refrigeration unit 40 ft. 6 in. x 9 ft. 8 in. x 7 ft. 11½ in., consisting of one dairy section, one produce section, and one freezer section	Housing Division	Marshall Field & Co., Chicago	4 810 00 f.o.b. delivered
1,300 blankets, 62½ in. x 90 in., 90 per cent wool, 10 per cent nylon	Housing Division	Associated Service & Supply Co., Chicago	2 958 34 f.o.b. delivered
119 dozen combination mattress pad and cover, finished size 36 in. x 80 in.	Housing Division	Associated Service & Supply Co., Chicago	(7 768 34) f.o.b. delivered

Item	Department	Vendor	Cost
110 dining chairs	Illini Union	S. Buckman Furniture & Supply Co., Spring Valley	\$ 4 152.24 f.o.b. delivered
35 tables, 22 in. x 32 in.			
12 tables, 32 in. x 42 in.			
Color photofinishing services including development of color films, duplication of color slides, color prints, and color enlargements from color transparencies as required for the period of July 1, 1961, through June 30, 1963	Photographic Service	Strach Photo Center, Champaign	5 674.50 f.o.b. delivered
Print and bind 2,000 copies of <i>Politics and the Crisis of 1860</i> , edited by Norman A. Graebner	University Press	The Haddon Craftsmen, Inc., Scranton, Pa.	2 504.44 f.o.b. delivered
Print and bind 2,500 copies of <i>Joseph Warren</i> , by John Cary	University Press	The Haddon Craftsmen, Inc., Scranton, Pa.	4 187.49 f.o.b. delivered
Print and bind 1,000 copies of <i>National Party Platforms</i> , by Kirk Porter and Donald B. Johnson	University Press	Braun-Brumfield, Inc., Ann Arbor, Mich.	3 022.00 f.o.b. delivered
Approximately 71,000 2 1/4 in. x 3 1/4 in. glossy prints of student identification cards for school year 1961-62	Security Office	Techniprint Film Laboratory, Champaign	2 769.00 f.o.b. delivered
One model 610 Vari-Typer with automatic justification and linomatic vertical spacing, less trade-in allowance of two Vari-Typers	Stenographic Service	Vari-Typer Corp., Peoria	3 005.00 f.o.b. delivered
Ten type fonts for Model 610 Vari-Typer			
Roller towel rental service (dispensing cabinets included) for the period of July 1, 1961, through June 30, 1963, approximately 60,000 fifty-yard rolls	Various Departments	Champaign-Urbana Clean Towel Service, Champaign	33 000.00
Miscellaneous Kodak photographic films and papers as requested by various departments for the period July 1, 1961, through June 30, 1963	Various Departments	Malco Camera Co., Chicago	21 016.90 f.o.b. delivered
Nine 16 mm. projectors, single case units	Audio-Visual Aids Service	Malco Camera Co., Chicago	3 425.00 f.o.b. delivered
Three film strip and slide projectors with case			
One automatic 2 in. x 2 in. slide projector with 7 in. f 3.5 lens and six slide trays			
One lot of laboratory apparatus and equipment	General Chemical Stores	Scientific Products Division, Evanston	3 091.68 f.o.b. delivered
190 cases paper cups, cold drink	Office Supply Store	Gershuny & Epstein, Inc., Chicago	3 843.22 f.o.b. delivered
25,500 Kraft paper bags			
80 rolls Kraft wrapping paper			
800 tons of cold mix, cold lay, plant mix asphaltic concrete for maintenance patching of asphalt pavements as required for the period of July 1, 1961, through June 30, 1963	Physical Plant	Parro Construction Corp., Urbana	6 360.00 f.o.b. delivered
Approximately 24,000 board feet No. 3 spruce; 76,000 board feet construction grade Douglas fir; 16,700 board feet "C" select ponderosa pine or sugar pine; and 5,714 board feet T & G, grade "B and better" edge grain, clear fir flooring for period July 1, 1961, through June 30, 1962	Physical Plant	Hillcrest Lumber Co., Champaign	20 651.76 f.o.b. delivered
Installation of a 100 per cent liquid propane gas space heating system for the Orchard Downs Apartments, including the rental of forty-one 500-gallon storage tanks and approximately 302,400 gallons of propane gas for the period of July 1, 1961, through June 30, 1963	Physical Plant	Jack Bell Gas Co., Urbana	49 841.00 f.o.b. delivered and installed
Miscellaneous firebrick and colored mortar as requested for period of July 1, 1961, through June 30, 1963	Physical Plant	Odman-Hecker & Co., Inc., Urbana	2 595.10 f.o.b. delivered
Approximately 18,100 haydite and concrete blocks as required for period of July 1, 1961, through June 30, 1963	Physical Plant	Davis Concrete Products, Inc., Mahomet	3 368.00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Three four-door sedans (compact)	Physical Plant	Dana Hudson, Inc.,	\$ 879 00
One four-door sedan (standard size)		Champaign (Valiant)	
One four-door station wagon		one sedan	
One panel truck, 1/2-ton		International Harvester Co.,	935 00
One suburban carryall		Springfield	
		one station wagon	
		Rogers Chevrolet Co.,	
		Rantoul	
		two sedans	1 562 42
		one suburban carryall	2 032 59
		one panel truck	1 687 60
		University Ford Sales,	
		Champaign	
		one sedan	872 00
			(7 968 61)
			f.o.b.
			delivered

On motion of Mr. Pogue, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(23) The Comptroller's report of contracts executed during the period April 1 to 30, 1961.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Sterling-Winthrop Research Institute	Effects of management and nutrition on immunological response of the young pig	\$ 3 000 00	April 24, 1961
United States Army DA-36-039 SC-37264	Design of a direction-finder system	70 000 00	March 31, 1961

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
University of Illinois Foundation	Rental of the Hartan E. Moore & Co. property, Champaign	\$ 1 650 00 annually	December 30, 1960
University of Illinois Foundation	Rental of the Newton tract (purchased from Boyd Harper), Champaign County	3 310 00 annually	December 30, 1960
University of Illinois Foundation	Rental of the Temple tract (purchased from Boyd Harper), Champaign County	3 600 00 annually	January 20, 1961
University of Illinois Foundation	Rental of the Twin City Bible Church properties at 1101 and 1302 West Springfield, Urbana	1 300 00 annually	January 31, 1961

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Dawe's Laboratories, Inc.	Animal and poultry nutrition	\$ 2 000 00	March 13, 1961
Illinois Archaeological Survey	Preliminary site examination and preliminary testing and excavation	336 54	March 22, 1961
Illinois Archaeological Survey	Preliminary site examination and preliminary testing and excavation	630 21	April 10, 1961
United States Air Force AF18(603)-22	Diffusion and phase changes in metals with internal friction techniques	2 793 63	February 14, 1961
United States Air Force AF18(603)-49	Surface physics with radioactive substances	8 560 00	March 15, 1961
United States Air Force AF18(603)-62	High energy bunched electron beams	20 000 00	March 15, 1961
United States Air Force AF49(638)-420	Crystallography and morphology of martensites and of the properties of dislocations in crystals	95 502 16	March 28, 1961
United States Air Force AF49(638)-528	Properties of insulating and conducting solids	67 612 00	March 15, 1961
United States Air Force AF49(638)-529	Electronic properties of nonmetallic crystals	88 628 00	March 28, 1961
United States Air Force AF49(638)-579	Electronic properties of silver and alkali halides	10 000 00	March 15, 1961
United States Air Force AF49(638)-672	Internal friction techniques in the study of diffusion and phase changes in metals	4 351 00	April 5, 1961

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Army DA-49-129-ENG-393	Multiple-panel reinforced concrete floors for buildings	\$ 10 000 00	April 14, 1961
United States Navy NOBS-65790 (1716)	Propagation of fractures in metals	20 000 00	January 9, 1961
United States Navy Nonr-1834 (11)	Interpersonal perception in therapeutic counseling	1 851 71	March 14, 1961
United States Navy Nonr-1834 (20)	Effects of ultrasonic energy on biological tissues	36 200 00	March 6, 1961
United States of America International Cooperation Administration ICAC-1453-1	Technical advice and assistance requested by government of India	125 558 00	April 5, 1961
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
State of Minnesota	Special use permit for Camp Rabideau, Blackduck, Minnesota	\$ 490 00	March 9, 1961

Adjustments Made in 1960-61 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Thirty items: \$130.85 deduct to \$445.00	\$ 637 95	March and April, 1961

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(24) The Comptroller presented his quarterly report to the Board as of March 31, 1961.

This report was received for record, and a copy has been filed with the Secretary of the Board.

REVISION OF CURRICULUM IN ENGINEERING PHYSICS

(25) The Urbana-Champaign Senate has recommended the following revision in the curriculum in engineering physics, approved by the faculty of the College of Engineering. The major changes are an increase in the amount of time spent on modern physics and a reduction in the number of hours required for graduation from 136 to 130 hours plus the general University requirements in military training and physical education.

The details of the specific course changes are filed with the Secretary of the Board for record.

It is further recommended that the new graduation requirements under this curriculum become effective for students entering as freshmen in 1960 and for transfer students who enter in June, 1961, or thereafter, and that other students now enrolled in the curriculum be given the option of graduating under the new requirements.

The Senate Coordinating Council has advised that these revisions have been discussed with the Chicago Undergraduate Division department concerned and are considered within the sphere of the authority of the degree-granting college and Senate (i.e., the Urbana-Champaign Senate).

I concur.

On motion of Mr. Harewood, this recommendation was approved.

REVISION OF MAJOR AND MINOR REQUIREMENTS IN POLITICAL SCIENCE

(26) The Urbana-Champaign Senate recommends the following revision of the requirements for a major in political science and in the list of minors for political science majors:

Major: Twenty hours from courses offered by the Department of Political Science. A major may include three semester hours from the following courses: Economics 170, 171, Economics 214, History 345, 346, 369, 370, Mathematics 161, Psychology 135, and Sociology 185. No student entering the University after September 1, 1961, may offer more than eight hours of 100-level courses as part of a political science major.

(Formerly: Twenty hours from courses offered by the Department of Political Science. A major may include three hours of constitutional history, History 345, 346, 369, or 370.)

Minors: Twenty hours in one or two of the following subjects, with at least eight hours in each if two are chosen: anthropology, economics, education, finance, geography, history, law, library science, mathematics, philosophy, psychology, social work, and sociology. One of the curricula in Latin-American studies, Russian language and area studies, or medieval civilization is also accepted as a sole minor.

(Formerly: Twenty hours in one or two of the following subjects, with at least eight hours in each if two are chosen: anthropology, economics, education, finance, geography, history, law, library science, philosophy, social work, and sociology. The curriculum in Latin-American studies, Russian language and area studies, or medieval civilization is also accepted as a minor.)

The Senate Coordinating Council has advised that no other Senate jurisdiction is involved. This revision will become effective for students starting their major programs in political science in September, 1961, and thereafter.

I concur.

On motion of Mr. Swain, this recommendation was approved.

REVISION OF MAJOR AND MINOR REQUIREMENTS IN RUSSIAN

(27) The Urbana-Champaign Senate recommends the following revision of the requirements for a major in Russian, and revision in the requirements for a minor with a Russian major:

Major: Twenty hours of Russian excluding Russian 101 and 102, and including at least five hours from the group for advanced undergraduates and graduates; a minimum of three hours in Russian 321, 322, 323, 324, and 332; and a minimum of two and a maximum of six hours in Russian 309, 310, 312, 331. (Formerly: Twenty hours of Russian excluding Russian 101 and 102.)

Minors: Twenty hours in one or two of the following subjects, with at least eight hours in each if two are chosen: English (excluding Rhetoric 101 and 102), French, German, Greek, history, Italian, Latin, library science, political science, Portuguese, Spanish. The first semester of any foreign language (French 101, German 101, Greek 101, Italian 101, Latin 101, Portuguese 101, Spanish 101) may not be counted toward a minor in that subject.

(Formerly: Twenty hours in one or two of the following subjects, with at least eight hours in each if two are chosen: English (excluding Rhetoric 101 and 102), French, German, Greek, history, Italian, Latin, library science, political science, Portuguese, Spanish. The following courses are strongly recommended: History 219, 220, 327, 328, Political Science 335.)

The Senate Coordinating Council has advised that no other Senate jurisdiction is involved. This change will become effective for students beginning their major programs in Russian in September, 1961, and thereafter.

I concur.

On motion of Mr. Harewood, this recommendation was approved.

DISCONTINUANCE OF CREDIT ALLOWED FOR RHETORIC 200 AND 201

(28) The Urbana-Champaign Senate recommends that the University discontinue credit for Rhetoric 200 and 201 which are required courses following failure on the junior-year qualifying examination in English.

The Senate Coordinating Council has advised that no other Senate jurisdiction is involved. This change will become effective in September, 1961.

I concur.

On motion of Mr. Dilliard, this recommendation was approved.

CERTIFICATE IN RUSSIAN LANGUAGE AND AREA STUDIES

(29) The Urbana-Champaign Senate recommends authorization of a proposal from the College of Liberal Arts and Sciences, approved by the Executive Committee of the Graduate College, to grant a Certificate in Russian Language and Area Studies to students who have completed certain specified requirements.

The certificate, to be signed by the Director of the Center for Russian Language and Area Studies and the Dean of the Graduate College, is not the equivalent of a degree since the program of study may include work submitted in partial fulfillment of a master's degree or a doctor's degree, and may in some cases require less than one year of additional work. The certificate will state that the candidate, while enrolled in advanced studies in a major field, has satisfied requirements of an additional program and has been awarded the Certificate of Graduate Specialization in Russian Language and Area Studies.

The requirements are:

1. A good command of written and spoken Russian, as determined by special examinations.
2. At least six graduate units relating to Russia, distributed among at least three of the departments represented in the program (Anthropology, Economics, Geography, History, Political Science, Russian, and Sociology), in addition to the student's own major department.
3. A special essay based largely on Russian sources and to be, at the minimum, of the standard normally required in a master's thesis. (The student may submit, in fulfillment of this requirement, a copy of his master's thesis or doctoral dissertation.)

The Senate Coordinating Council had advised that no other Senate jurisdiction is involved.

I concur.

On motion of Mr. Harewood, this recommendation was approved.

MENTAL HEALTH CLINIC

(30) For many years the University has needed a clinical facility in the mental health field which would make it possible for a number of the departments at the Urbana campus to advance their research and teaching programs. Having such a facility available not only would strengthen the University's work but through it would advance the welfare of the people of the state. Research in the methods of treatment and re-education, as well as in the basic causes of mental disturbance, is a frontier in which the University is vitally concerned. Further, shortages of personnel in these fields can be met only with improved programs and facilities.

Over the years, because of the limitations upon resources, the University has not had the advantage of adequate facilities in this community for the work here described. A number of other universities have managed to procure direct appropriations or gifts for this kind of agency or clinical outlet. Urban institutions, of course, have access to their institutional neighbors.

The only possibility in the foreseeable future for the University to gain the kind of research and teaching outlet as would be provided by the facility described here would be in the program recently announced by Dr. Frances J. Gerty, Director of the State Department of Public Welfare.

The following departments are involved: Institute for Research on Exceptional Children (College of Education); graduate-training program in vocational rehabilitation (College of Education); Department of Psychology, especially its staff and graduate-training program in clinical psychology; training programs in speech and hearing disorders (Department of Speech and Theatre); Jane Addams Graduate School of Social Work, with its specialization in psychiatric social work; the University Health Services (Mental Health Division); Department of Sociology (interest in family and community conditions related to psychological disturbances and social disorganization); Department of Recreation (College of Physical Education), with a training program in recreational therapy.

As an indication of the importance and scope of graduate education in these fields at the University of Illinois, the United States Public Health Service currently provides training grants to several of these departments totaling more than \$200,000 a year. These grants support fellowships for graduate students, salaries for professional staff, and funds for other operating costs. In addition, grants from this agency for research in mental health total more than \$100,000 a year, and its representatives have already indicated interest in expanding such support very substantially if the new facility can be located here. The expansion would result immediately in improved service in the state clinic and should lead

to long-range improvement in methods of treatment that could be used throughout the state. Unless such improvement can be secured through research and through better-trained personnel, the staggering costs of mental disturbances will continue to mount, in Illinois as elsewhere.

I recommend that the Board of Trustees authorize the administrative officers of the University to negotiate with the Department of Public Welfare for the establishment on the Urbana-Champaign campus of a mental health clinic facility including authorization of an offer of a site in relation to the educational and research opportunities which would become formally a part of the University's program.

On motion of Mr. Swain, authority was granted, as requested.

HOUSING REVENUE BONDS

(31) The Vice-President and Comptroller submits the following recommendation relating to the issue of the Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series B and C:

That Series B bonds in the amount of \$4,680,000 maturing in the years 1971 through 2000 be sold to the Housing and Home Finance Agency at an interest cost of 3½ per cent in accordance with and pursuant to the Loan Agreement approved April 19, 1961, and that Series B bonds in the amount of \$320,000 maturing in the years 1963 through 1970 be sold to White, Weld, and Company at a price of \$320,854.45 and at an effective interest rate of 3.457 per cent;

That Series C bonds in the amount of \$750,000 be sold to John Nuveen and Company and Associates at a price of \$750,201 and at an effective interest rate of 3.6226 per cent, which represents the lowest interest cost to the University;

That the bonds be executed by facsimile signatures of Frances B. Watkins and Timothy W. Swain, members of the Board, by the facsimile signature of Kenney E. Williamson, President of the Board, and by the signature of A. J. Janata, Secretary of the Board;

That the Board ratify and confirm all actions taken or to be taken by the officers and members of the Board in connection with the sale and delivery of the bonds; and

That the resolution submitted herewith be adopted.

I concur.

On motion of Mr. Swain, the Board adopted the following resolution by a record vote. Those voting aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; those voting no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Wilkins.

Fourth Supplemental Housing Revenue Bond Resolution

Supplementing Resolution Approved December 17, 1958, and Creating \$5,000,000 Housing Revenue Bonds of 1960, Series B, and \$750,000 Housing Revenue Bonds of 1960, Series C.

A RESOLUTION CREATING AND AUTHORIZING THE ISSUE, AUTHENTICATION AND DELIVERY OF \$5,000,000 HOUSING REVENUE BONDS OF 1960, SERIES B, AND \$750,000 HOUSING REVENUE BONDS OF 1960, SERIES C, AND FURTHER SUPPLEMENTING A RESOLUTION DULY ADOPTED BY THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS ON DECEMBER 17, 1958.

WHEREAS, The Board of Trustees of the University of Illinois, on due consideration and investigation, does now find and determine that it is advisable and necessary and in the interests of the University of Illinois and the welfare of its students and faculty to construct and equip additional buildings and related facilities for the purpose of housing its students and staff; and

WHEREAS, in order to provide such facilities it is advantageous to the University and necessary that the University borrow money and issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes 1959, and all laws amendatory thereof and supplemental thereto; and

WHEREAS, The Board of Trustees of the University of Illinois on December 17, 1958, did duly adopt a resolution (herein sometimes called "Original Resolution") providing for the issuance of revenue bonds; and

WHEREAS, The Board of Trustees of the University of Illinois on June 23, 1959, October 21, 1959 and June 14, 1960, respectively, duly adopted First, Second, and Third Supplemental Resolutions for the purpose of supplementing the Original Resolution and providing for the issuance of additional revenue bonds thereunder, and

WHEREAS, there are now issued and outstanding under the Original Resolution as supplemented by the First, Second, and Third Supplemental Resolutions thereto, \$16,660,000 aggregate principal amount of Bonds designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds" and having the further designations of year and series in the respective principal amounts as follows:

<i>Year and Series</i>	<i>Principal Amount</i>
1958, Series A.....	\$1,610,000
1958, Series B.....	1,510,000
1959, Series A.....	110,000
1959, Series B.....	1,530,000
1959, Series C.....	3,450,000
1959, Series D.....	3,450,000
1960, Series A.....	5,000,000

WHEREAS, The Board of Trustees of the University of Illinois now desires to create and to authorize the issue, authentication and delivery of an additional issue of Bonds under and in accordance with the Resolution as supplemented by this Fourth Supplemental Resolution thereto which additional Bonds are to be limited to the aggregate principal amount of \$5,750,000 at any one time outstanding, \$5,000,000 of which shall be known as "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series B" (hereinafter called "1960 Series B Bonds") and \$750,000 of which shall be known as "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series C" (hereinafter called "1960 Series C Bonds").

Now, Therefore, Be It Resolved by The Board of Trustees of the University of Illinois:

ARTICLE ONE

SUPPLEMENTARY PROVISIONS RELATING TO INCOME AND THE APPLICATION THEREOF

SECTION 1.1. Pledge of Revenues. The pledge of the revenues (including the revenues to be derived from the operation of Project E hereinafter mentioned) contained in Section 5.01 of the Original Resolution and Section 1.1 of each of the First, Second and Third Supplemental Resolutions is hereby ratified and confirmed and all revenues to be derived from the operation of Project E are hereby specifically pledged for the purposes mentioned in said Section 5.01 of the Original Resolution.

SECTION 1.2. Supplementation of Revenues. It is hereby determined by the Board of Trustees and it is hereby covenanted that in view of the additional issue of Bonds to be outstanding it is necessary to supplement the revenues to be derived from the facilities by a further use of student tuitions which are authorized by law to be retained in the Treasury of the University and therefore the limitation contained in clause (b) of Section 5.03 of the Original Resolution as supplemented by Section 1.2 of each of the First, Second and Third Supplemental Resolutions be and the same is hereby increased by an amount equal to \$210,000 so that such supplementation shall henceforth be an amount not to exceed in any one fiscal year the lesser of (a) an amount which when added to the revenues to be derived from the facilities will be sufficient to meet the annual operating expenses of the facilities and to provide for the payments required to be made into the Bond and Interest Sinking Fund established for the benefit of the Bonds in subsection (b) of Section 5.02 of the Original Resolution, or (b) \$810,000 plus such additional sums as may be specified in any other resolution supplemental to the Resolution as supplemented hereby, creating or authorizing the issuance of additional Bonds.

ARTICLE TWO

1960 SERIES B BONDS AND 1960 SERIES C BONDS, AND THE ISSUANCE THEREOF

SECTION 2.1. *Project E and Purpose of Issue of Bonds.* The project (hereinafter designated "Project E") to be acquired, constructed, equipped and completed pursuant to this Fourth Supplemental Resolution is described in a general way as:

A residence hall to be located at the southwest corner of Lincoln and Pennsylvania Avenues, Urbana, Illinois, consisting of four housing buildings for approximately 1044 single undergraduate students, grouped around a central administration, dining and lounge building, sometimes known as the Pennsylvania Avenue Residence.

The estimated cost of said project E is \$5,750,000 exclusive of land and exclusive of any pro rata share of the University power and heating plant serving the project, but including the cost of extending utilities to the Project. The estimated cost of each portion of said Project E is more fully set forth in the plans and specifications therefor on file with the Comptroller of the University.

It is hereby determined that in order to produce the funds necessary to construct and equip Project E that the University borrow the sum of \$5,750,000 and in evidence thereof to issue its Housing Revenue Bonds hereunder in said principal amount.

SECTION 2.2. *Terms of 1960 Series B Bonds and 1960 Series C Bonds.* There is hereby created and authorized two additional series of Bonds to be issued under the Resolution as supplemented by this Fourth Supplemental Resolution to be substantially in the form and of the tenor and purport hereinafter set forth and limited to the aggregate principal amount of Five Million Seven Hundred Fifty Thousand Dollars (\$5,750,000) at any one time outstanding, Five Million Dollars (\$5,000,000) of which shall be designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series B" (hereinafter called "1960 Series B Bonds"), and the remaining Seven Hundred Fifty Thousand Dollars (\$750,000) principal amount thereof shall be designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series C" (hereinafter called "1960 Series C Bonds").

The 1960 Series B Bonds and the 1960 Series C Bonds shall be issued as negotiable coupon Bonds dated October 1, 1960, registrable as to principal in the denomination of \$1,000 or as fully registered Bonds without coupons, dated as of the interest payment date to which interest was last paid, next preceding the date of issue, unless issued on an interest payment date on which interest was paid, in which case they shall be dated as of the date of issue, or unless issued prior to April 1, 1961, in which case they shall be dated October 1, 1960. Each fully registered Bond without coupons shall be of a single maturity. Fully registered Bonds without coupons, shall be numbered in such manner satisfactory to the Trustee as may be designated by the Comptroller and shall be issued in denominations of \$1,000 or multiples thereof, shall bear interest from October 1, 1960, payable semi-annually on the first days of April and October in each year until paid, commencing April 1, 1961, at the rates provided below and shall mature in the following amounts on October 1 of the following years:

Year of Maturity	1960 Series B Bonds		1960 Series C Bonds	
	Amount	Interest Rate	Amount	Interest Rate
1963	\$30,000	3½%	\$40,000	4%
1964	40,000	3½%	40,000	4%
1965	40,000	3½%	40,000	4%
1966	40,000	3½%	40,000	4%
1967	40,000	3½%	40,000	3½%
1968	40,000	3½%	50,000	3½%
1969	40,000	3½%	50,000	3½%
1970	50,000	3½%	50,000	3½%
1971	50,000	3½%	50,000	3½%
1972	50,000	3½%	50,000	3½%
1973	50,000	3½%	60,000	3½%
1974	50,000	3½%	60,000	3½%
1975	60,000	3½%	60,000	3½%

<i>Year of Maturity</i>	<i>1960 Series B Bonds</i>		<i>1960 Series C Bonds</i>	
	<i>Amount</i>	<i>Interest Rate</i>	<i>Amount</i>	<i>Interest Rate</i>
1976	\$ 60,000	3½%	\$60,000	3¼%
1977	60,000	3½%	60,000	3¼%
1978	120,000	3½%		
1979	140,000	3½%		
1980	140,000	3½%		
1981	140,000	3½%		
1982	140,000	3½%		
1983	140,000	3½%		
1984	160,000	3½%		
1985	160,000	3½%		
1986	160,000	3½%		
1987	180,000	3½%		
1988	180,000	3½%		
1989	180,000	3½%		
1990	180,000	3½%		
1991	200,000	3½%		
1992	200,000	3½%		
1993	200,000	3½%		
1994	220,000	3½%		
1995	220,000	3½%		
1996	240,000	3½%		
1997	240,000	3½%		
1998	240,000	3½%		
1999	260,000	3½%		
2000	260,000	3½%		
	\$5,000,000		\$750,000	

The 1960 Series B bonds and the 1960 Series C bonds shall be redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on April 1, 1971, or on any interest payment date thereafter in the inverse order in which they mature at the principal amount thereof plus accrued interest to the date of redemption plus a premium of the following percentages of such principal amount if redeemed during the following periods respectively:

<i>Period of Redemption</i>	<i>Applicable Premium</i>
April 1, 1971 through October 1, 1975.....	3%
April 1, 1976 through October 1, 1980.....	2½%
April 1, 1981 through October 1, 1985.....	2%
April 1, 1986 through October 1, 1990.....	1½%
April 1, 1991 through October 1, 1995.....	1%
April 1, 1996 or thereafter prior to maturity....	None

provided, however, that the 1960 Series B bonds maturing in the years 1996 through 2000 shall be redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on any interest payment date at the principal amount thereof plus accrued interest to the date of redemption and without premium. All redemptions shall be made in the manner, upon the notice, and with the effect provided in Article Three of the Original Resolution.

SECTION 2.3. *Payment of Principal and Interest.* Both the principal of and the interest on the 1960 Series B and 1960 Series C Bonds shall be payable in any coin or currency which, on the respective date of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago, or its successor, in the City of Chicago, Illinois, or, at the option of holders at The Chase Manhattan Bank, or its successor, in the Borough of Manhattan and City and State of New York.

SECTION 2.4. *Form of Bonds.* The definitive coupon Bonds of 1960 Series B and 1960 Series C, the interest coupons to be attached thereto, the form of fully registered Bonds without coupons of 1960 Series B and 1960 Series C, shall be in substantially the following forms with appropriate insertions, omissions and variations to evidence differences in series, number, interest rate, maturity and like matters:

(Form of Coupon Bond)
 UNITED STATES OF AMERICA
 STATE OF ILLINOIS
 THE BOARD OF TRUSTEES OF THE UNIVERSITY OF
 ILLINOIS HOUSING REVENUE BOND OF 1960
 (Series.....)

Number..... \$1,000

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a body corporate, created and existing under the laws of the State of Illinois, for value received promises to pay to bearer, but only out of the Housing Revenue Bond Fund, as hereinafter provided for, and not otherwise, the principal sum of ONE THOUSAND DOLLARS (\$1,000), on October 1, 19....., and to pay interest on said sum from the date hereof until paid at the rate of per cent (.....%) per annum, payable April 1, 1961, and semiannually thereafter on the first days of April and October in each year until the principal amount hereof has been fully paid. Interest accruing on this bond on and prior to the maturity date hereof shall be payable on presentation and surrender of the interest coupons hereto attached as they subsequently become due, but no interest shall accrue on this bond after the maturity hereof unless this bond shall be presented for payment and be not then paid.

Both principal hereof and interest hereon are hereby made payable in any coin or currency which, on the respective dates of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago (hereinafter called "Trustee"), or its successor in trust under the Resolution hereinafter referred to, in the City of Chicago, Illinois, or at the option of the holder, at The Chase Manhattan Bank, in the Borough of Manhattan and City and State of New York.

This bond is one of an authorized series of Dollars (\$.....) principal amount of Housing Revenue Bonds of 1960, Series which, with the 1960 Series Bonds constitute an issue of Five Million Seven Hundred Fifty Thousand Dollars (\$5,750,000), issued or to be issued pursuant to a Bond Resolution of The Board of Trustees of the University of Illinois duly adopted December 17, 1958, as supplemented by First, Second, Third and Fourth Supplemental Resolutions thereto duly adopted June 23, 1959, October 21, 1959, June 14, 1960, and May 17, 1961, respectively (said Bond Resolution as so supplemented being herein referred to as the "Resolution"), for the purpose of providing funds for paying the cost of constructing and equipping student and staff housing and related facilities. Said Resolution, among other things, provides for the issuance of additional bonds pursuant thereto in the manner and upon the terms and conditions more fully set forth therein.

The bonds of this Series are redeemable prior to maturity as a whole or in part on April 1, 1971, or on any interest payment date thereafter in the inverse order in which they mature at the option of The Board of Trustees of the University of Illinois at par and accrued interest to the date of redemption and a premium as follows: three per cent (3%) of the principal amount thereof if redeemed April 1, 1971 through October 1, 1975; two and one-half per cent (2½%) of the principal amount thereof if redeemed April 1, 1976 through October 1, 1980; two per cent (2%) of the principal amount thereof if redeemed April 1, 1981 through October 1, 1985; one and one-half per cent (1½%) of the principal amount thereof if redeemed April 1, 1986 through October 1, 1990; one per cent (1%) of the principal amount thereof if redeemed on April 1, 1991 through October 1, 1995; and without premium if redeemed April 1, 1996 or thereafter.

(1960 Series B Bonds Only)

The period at the end of the foregoing paragraph shall be deleted in the 1960 Series B Bonds and a semicolon substituted therefor and the following proviso added to the end of said paragraph.

[provided, however, that the bonds of this series maturing in the years 1996 through 2000 shall be redeemable prior to their maturity at the option of The Board of Trustees of the University of Illinois, either in whole or in part, on

any interest payment date at the principal amount thereof plus accrued interest to the date of redemption and without premium].

Notice of redemption of any or all of said bonds shall be published once a week for two successive calendar weeks, the first such publication to be not less than thirty days prior to the date of redemption, such publication to be made in one daily newspaper printed in the English language and published and of general circulation in the City of Chicago, Illinois, and also in a financial newspaper printed in the English language and published and of general circulation in the Borough of Manhattan, City and State of New York, and when this bond or any of the bonds of such authorized issue shall have been duly called for redemption, interest thereon shall cease from and after the specified redemption date if redemption monies are available for the payment of all bonds called for redemption.

This bond and the series of which it forms a part is issued under the authority of The Board of Trustees of the University of Illinois to issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1959, and all laws amendatory thereof and supplemental thereto and the Resolution above referred to.

This bond is payable, both as to principal and interest, only from the revenues required to be credited to the Housing Revenue Bond Fund as provided in the Resolution, which revenues are to be derived from (1) the operation of the revenue producing facilities constructed, completed, and equipped with the proceeds of this bond issue, bonds heretofore issued pursuant to the Resolution and additional bonds which may hereafter be issued pursuant to the Resolution, (2) student tuitions authorized by law to be retained in the University treasury, but not in excess of \$810,000 annually plus such additional sums as may be specified in any supplemental Resolution creating or authorizing additional bonds to be issued pursuant to the Resolution as so supplemented, and (3) certain existing revenue producing buildings of the University after the prior payment of other indebtedness to the extent set forth in the Resolution. This bond and the series of which it forms a part do not constitute an indebtedness of said University of Illinois, The Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University, of said Board of Trustees, or the State of Illinois is pledged to the payment of this bond or the interest thereon.

This bond shall pass by delivery unless it is registered as to principal in the name of the holder on the books of registration of said University kept at the office of the Trustee in Chicago, Illinois, such registration to be noted on the back hereof. After such registration no transfer hereof shall be valid unless made on such books by the registered holder in person or by attorney duly authorized in writing and similarly noted hereon, but this bond may be transferred in like manner to bearer, and thereupon transferability by delivery shall be restored and it may again from time to time be registered or transferred to bearer as before. Such registration, however, shall not restrict the negotiability of the coupons hereto appertaining, but such coupons shall be transferable by delivery merely and payable to the bearer hereof.

Subject to the provisions for registration and transfer, this bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and during such time as this bond is payable to bearer, the same and each of the coupons hereto appertaining may be negotiated by delivery by any person having possession thereof, and any holder who shall have taken this bond while so payable to bearer or any of said coupons from any person for value and without notice shall thereby acquire absolute title to this bond or to such coupons, as the case may be, free of any defenses enforceable against any prior holder and free from all equities and claims of ownership of any such prior holder, and The Board of Trustees of the University of Illinois, the Trustee, and any paying agent may deem and treat the bearer of this bond, or, if registered, the person in whose name it is registered, and the bearer of any interest coupons appertaining hereto as the absolute owner hereof for all purposes and shall not be affected by any notice to the contrary whether this bond or any coupon appertaining thereto be overdue or not.

The bonds of this series are issuable as coupon bonds registrable as to principal only in the denomination of \$1,000 and as registered bonds without coupons in the denomination of \$1,000 or a multiple thereof. Each fully registered bond without coupons shall be of a single maturity. The coupon bonds and the registered bonds without coupons are interchangeable for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder or registered owner at the principal office of the Trustee in the City of Chicago, Illinois, and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of The Board of Trustees of the University of Illinois and of the holders of sixty-six and two-thirds per cent (66 $\frac{2}{3}$ %) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on or otherwise alter or impair the obligation of the University to pay the principal, interest or redemption premiums, if any, at the time and place and at the rate and in the currency provided therein of any bond without the express consent of the holder, or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the Resolution, other than the lien and pledge created thereunder, or (iii) permit the creation by The Board of Trustees of the University of Illinois of any preference or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons, or (iv) reduce the percentage in principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the Resolution adopted by it, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facilities, as provided for in and by said Resolution, and to establish from time to time parietal rules, rents, and charges for the use of said facilities and to maintain and collect rents and charges and to withhold student tuitions, sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions, and things required to exist, to happen, and to be performed, precedent to and in the issuance of this bond, have existed, have happened, and have been performed in due form, time, and manner, as required by law and the applicable resolutions of The Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said facilities to be applied in the manner hereinabove set forth.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois has caused this bond to be executed by the facsimile signatures of its President and two of its members, the corporate seal of the University of Illinois to be hereto affixed (or a facsimile thereof to be reproduced hereon), and attested by its Secretary, and has caused the interest coupons hereto attached to be executed by the facsimile signatures of said President and Secretary, and this bond to be dated as of the 1st day of October, 1960.

THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

Attest:	By:
Secretary	President
.....
Member	Member

(Form of Interest Coupon)

Number..... \$.....

On the first day of, 19..... (unless the bond to which this coupon is attached has theretofore been called for payment and payment made or provided for), The Board of Trustees of the University of Illinois will pay to bearer on surrender hereof, solely out of the fund specified in the bond to which this coupon is attached, the sum of Dollars (\$.....) in any coin or currency which, on the respective dates of payment of such principal and interest is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago, in the City of Chicago, Illinois, or at the option of the holder at The Chase Manhattan Bank, in the Borough of Manhattan and City and State of New York, as provided in the Housing Revenue Bond of 1960, Series..... dated October 1, 1960, Number.....

Secretary

President

(Form of Registered Bond Without Coupons)

UNITED STATES OF AMERICA

STATE OF ILLINOIS

THE BOARD OF TRUSTEES OF THE UNIVERSITY
OF ILLINOIS HOUSING REVENUE BOND OF 1960

(Series))

Number..... \$.....

The Board of Trustees of the University of Illinois, a body corporate created and existing under the laws of the State of Illinois, for value received promises to pay (but only out of the Housing Revenue Bond Fund as hereinafter provided for, and not otherwise) to, or registered assigns, on October 1, 19....., the principal sum of Dollars (\$.....) and to pay interest thereon which shall be paid by check or draft mailed to the registered owner at his address as it appears on the bond registration books of the Trustee hereinafter mentioned as Bond Registrar, at the rate of per cent (.....%) per annum, payable April 1, 1961, and semiannually thereafter on the first days of April and October in each year from the date hereof until the principal amount hereof has been fully paid.

Both principal hereof and interest hereon are made payable in any coin or currency which on the respective dates of payment of such principal and interest is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago (hereinafter called "Trustee"), or its successor in trust under the Resolution hereinafter referred to, in the City of Chicago, Illinois, or at the option of the holder at The Chase Manhattan Bank in the Borough of Manhattan and City and State of New York.

This bond is one of an authorized series of Dollars (\$.....) principal amount of Housing Revenue Bonds of 1960, Series, which with the 1960 Series Bonds constitute an issue of Five Million Seven Hundred Fifty Thousand Dollars (\$5,750,000), issued or to be issued pursuant to a Bond Resolution of The Board of Trustees of the University of Illinois duly adopted December 17, 1958, as supplemented by First, Second, Third, and Fourth Supplemental Resolutions thereto duly adopted June 23, 1959, October 21, 1959, June 14, 1960, and May 17, 1961, respectively (said Bond Resolution as so supplemented being herein referred to as the "Resolution") for the purpose of providing funds for paying the cost of constructing and equipping student and staff housing and related facilities. Said Resolution, among other things, provides for the issuance of additional bonds pursuant thereto in the manner and upon the terms and conditions more fully set forth therein.

The bonds of this Series are redeemable prior to maturity as a whole or in part on April 1, 1971, or on any interest payment date thereafter in the inverse order in which they mature at the option of The Board of Trustees of the University of Illinois at par and accrued interest to the date of redemption and a premium as follows: three per cent (3%) of the principal amount thereof if

redeemed April 1, 1971 through October 1, 1975; two and one-half per cent (2½%) of the principal amount thereof if redeemed April 1, 1976 through October 1, 1980, two per cent (2%) of the principal amount thereof if redeemed April 1, 1981 through October 1, 1985, one and one-half per cent (1½%) of the principal amount thereof if redeemed April 1, 1986 through October 1, 1990; one per cent (1%) of the principal amount thereof if redeemed April 1, 1991 through October 1, 1995; and without premium if redeemed April 1, 1996 or thereafter.

(1960 Series B Bonds Only)

The period at the end of the foregoing paragraph shall be deleted in the 1960 Series B Bonds and a semicolon substituted therefor and the following proviso added to the end of said paragraph.

[provided, however, that the bonds of this series maturing in the years 1996 through 2000 shall be redeemable prior to their maturity at the option of The Board of Trustees of the University of Illinois, either in whole or in part, on any interest payment date at the principal amount thereof plus accrued interest to the date of redemption and without premium].

Notice of redemption of any or all of said bonds shall be published once a week for two successive calendar weeks, the first such publication to be not less than thirty days prior to the date of redemption, such publication to be made in one daily newspaper printed in the English language and published and of general circulation in the City of Chicago, Illinois, and also in a financial newspaper printed in the English language and published and of general circulation in the Borough of Manhattan, City and State of New York, and when this bond or any of the bonds of such authorized issue shall have been duly called for redemption, interest thereon shall cease from and after the specified redemption date if redemption monies are available for the payment of all bonds called for redemption.

This bond and the series of which it forms a part is issued under the authority of The Board of Trustees of the University of Illinois to issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1959, and all laws amendatory thereof and supplemental thereto and the Resolution above referred to.

This bond is payable, both as to principal and interest, only from the revenues required to be credited to the Housing Revenue Bond Fund as provided in the Resolution, which revenues are to be derived from (1) the operation of the revenue producing facilities constructed, completed, and equipped with the proceeds of this bond issue, bonds heretofore issued pursuant to the Resolution and additional bonds which may hereafter be issued pursuant to the Resolution, (2) student tuitions authorized by law to be retained in the University treasury, but not in excess of \$810,000 annually plus such additional sums as may be specified in any supplemental resolution creating or authorizing additional bonds to be issued pursuant to the Resolution as so supplemented, and (3) certain existing revenue producing buildings of the University after the prior payment of other indebtedness to the extent set forth in the Resolution. This bond and the series of which it forms a part do not constitute an indebtedness of said University of Illinois, The Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University, of said Board of Trustees, or of the State of Illinois is pledged to the payment of this bond or the interest thereon.

Subject to the provisions for registration and transfer contained herein and in the Resolution, this bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and shall be transferable by the registered owner at the principal office of the Trustee in the City of Chicago, Illinois, upon surrender and cancellation of this bond and thereupon a new registered bond without coupons of the same principal amount, interest rate and maturity will be issued to the transferee as provided in the Resolution, upon payment of the transfer charges therein prescribed. The Board of Trustees of the University of Illinois, the Trustee and any other person may treat the person in whose name this bond is registered as the absolute owner hereof for the purpose of receiving

payment and for all other purposes and shall not be affected by any notice to the contrary whether this bond be overdue or not.

The bonds of this series are issuable as coupon bonds registrable as to principal only in the denomination of \$1,000 and as registered bonds without coupons in the denomination of \$1,000 or a multiple thereof. Each fully registered bond without coupons shall be of a single maturity. The coupon bonds and the registered bonds without coupons are interchangeable for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder or registered owner at the principal office of the Trustee in the City of Chicago, Illinois, and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of The Board of Trustees of the University of Illinois and of the holders of sixty-six and two-thirds per cent (66⅔%) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on or otherwise alter or impair the obligation of the University to pay the principal, interest or redemption premiums, if any, at the time and place and at the rate and in the currency provided therein of any bond without the express consent of the holder, or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the Resolution, other than the lien and pledge created thereunder, or (iii) permit the creation by The Board of Trustees of the University of Illinois of any preference or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons, or (iv) reduce the percentage of principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the Resolution adopted by it, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facilities, as provided for in and by said Resolution, and to establish from time to time parietal rules, rents, and charges for the use of said facilities and to maintain and collect rents and charges and to withhold student tuitions, sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions, and things required to exist, to happen, and to be performed, precedent to and in the issuance of this bond, have existed, have happened, and have been performed in due form, time, and manner, as required by law and the applicable resolutions of The Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said facilities to be applied in the manner hereinabove set forth.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois has caused this bond to be executed by the facsimile signatures of its President and two of its members, the corporate seal of the University of Illinois to be hereto affixed (or a facsimile thereof to be reproduced hereon), and attested by its Secretary, and this bond to be dated as of the 1st day of

19.....

THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

Attest:.....

Secretary

Member

By.....

President

Member

ARTICLE THREE

MISCELLANEOUS

SECTION 3.1. Application of Bond Proceeds. The Board of Trustees hereby determines that Project E will become revenue producing on or about September 30, 1962 and therefore that portion of the proceeds of the 1960 Series B Bonds and 1960 Series C Bonds representing the interest accrued on such Bonds to the date of payment therefor shall, together with an amount equal to the interest to accrue on such Bonds through September 30, 1962 be deposited with the Trustee in the Bond and Interest Sinking Fund account as required by Section 6.01 of the Resolution.

The balance of said proceeds of the 1960 Series B Bonds and the 1960 Series C Bonds shall, as required by Section 6.01 of the Resolution, be deposited in a bank or banks which are members of the Federal Deposit Insurance Corporation and shall be accounted for as one or more separate funds. The application of the funds in such accounts and the disposition thereof shall in all respects comply with all the terms and provisions of Article Six of the Resolution, subject to the terms and provisions of any contract or agreement permitted by or contemplated in said Article Six between The Board of Trustees and any original purchaser of such Bonds.

SECTION 3.2. Interpretation and Construction. This Fourth Supplemental Resolution is supplemental to and is adopted in accordance with Sections 2.06 and 4.02 of the Resolution. In all respects not inconsistent with this Fourth Supplemental Resolution, the Resolution is hereby ratified, approved and confirmed, and all of the definitions, terms, covenants and restrictions of the Resolution shall be applicable to the additional Bonds authorized by this Fourth Supplemental Resolution and the proceeds thereof except as otherwise expressly provided. All of the terms and provisions of this Fourth Supplemental Resolution shall be deemed to be a part of the terms and provisions of the Resolution, and the Resolution and this Fourth Supplemental Resolution shall be read, taken and construed as one and the same instrument. In executing or authenticating any Bond authorized by this Fourth Supplemental Resolution the Trustee and each officer, agent or employee of the University shall be entitled to all of the privileges and immunities afforded to them under the terms of the Resolution.

SECTION 3.3. Resolution Effective on Passage. This resolution shall become effective upon its passage.

STUDENT SERVICES BUILDING BONDS

(32) The Vice-President and Comptroller submits the following recommendation relating to the issue of the Board of Trustees of the University of Illinois Student Services Building Bonds:

That the bonds in the amount of \$1,350,000 be sold to John Nuveen and Company and Associates at a price of \$1,335,224.25 and at an effective interest rate of 3.9033 per cent which represents the lowest interest cost to the University;

That the bonds be executed by facsimile signatures of Frances B. Watkins and Timothy W. Swain, members of the Board, by the facsimile signature of Kenney E. Williamson, President of the Board, and by the signature of A. J. Janata, Secretary of the Board;

That the firm of Chapman and Cutler be retained as bond counsel for this issue;

That the Board ratify and confirm all actions taken or to be taken by the officers and members of the Board in connection with sale and delivery of the bonds; and

That the resolution submitted herewith be adopted.

I concur.

On motion of Mr. Swain, the Board adopted the following resolution by record vote. Those voting aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; those voting no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Wilkins.

A Resolution Authorizing \$1,350,000 Student Services Building Bonds

A RESOLUTION AUTHORIZING AND PROVIDING FOR THE ISSUANCE OF REVENUE BONDS FOR THE PURPOSE OF PAYING THE COST OF ACQUIRING, CONSTRUCTING, AND EQUIPPING A STUDENT SERVICES BUILDING IN THE CITY OF CHAMPAIGN, ILLINOIS, BY THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, SETTING FORTH THE TERMS UNDER WHICH SUCH REVENUE BONDS ARE TO BE ISSUED, PROVIDING FOR THE RIGHTS OF THE HOLDERS THEREOF, AND PROVIDING FOR THE ACQUISITION, CONSTRUCTION, AND EQUIPMENT OF SUCH FACILITIES, AND THE MANAGEMENT, MAINTENANCE, IMPROVEMENT, AND OPERATION THEREOF.

WHEREAS, The Board of Trustees of the University of Illinois on due consideration and investigation does now find and determine that it is advisable and necessary and required for the good and benefit of the University of Illinois and the best interests of its students and faculty to construct and equip a Student Services Building (hereinafter sometimes called the "Building" or "Project"); and

WHEREAS, in order to produce the funds necessary to construct and equip said Project it is advantageous to the University and necessary that the University borrow money and issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1959, and all laws amendatory thereof and supplemental thereto;

Now, Therefore, Be It Resolved by The Board of Trustees of the University of Illinois:

ARTICLE ONE

DEFINITIONS

Unless the context otherwise requires, the terms defined in this Article One shall for all purposes of this Resolution and of any resolution supplemental hereto, have the meanings herein specified, the following definitions to be equally applicable both to the singular and plural forms of any of the terms herein defined:

The term "*Authorized Officer*" shall mean the President, Secretary, Treasurer or Comptroller of the Board of Trustees, or any other person authorized by resolution of the Board of Trustees, to perform the act or sign the document in question.

The term "*Board of Trustees*" and the term "*University*" shall mean The Board of Trustees of the University of Illinois, a body corporate, created and established under the laws of the State of Illinois.

The term "*Bonds*" shall mean and include any and all bonds of all series, issued under this Resolution.

The term "*Comptroller*" shall mean the Comptroller of the University or such other person as may at the time be the acting chief fiscal officer of the University.

The terms "*facilities*," "*Project*," and "*Building*" shall mean the Student Services Building to be located at 610 East John Street, Champaign, Illinois.

The term "*fiscal year*" shall mean the twelve month accounting period established by the University for its academic operations, which currently is the period from July 1 through the following June 30.

The term "*operating expenses*" shall mean and include all reasonable expenses of operation and maintenance of the facilities, including without limiting the generality of the foregoing, salaries, wages, cost of materials, supplies, insurance, light, heat, power, reasonable repairs necessary to properly maintain such facilities (including reasonable reserves therefor), taxes (if any), fees and expenses of the depository and paying agents and any expenses required to be paid pursuant to this Resolution but excluding depreciation, professional services and activities conducted in the Building, and all general administrative expenses of the University.

The term "*owner*" or "*holder*" whenever employed herein with respect to a Bond which shall be registered as to principal or fully registered without coupons shall mean the person, firm or agency in whose name such Bond shall be registered and, whenever employed herein with respect to a coupon Bond which shall not be registered as to principal or a coupon, shall mean the bearer of such Bond or coupon.

The terms "*paying agent*," "*depository*," and "*Registration Agent*" shall mean the American National Bank and Trust Company of Chicago, or its successors, in the City of Chicago, Illinois.

The term "Resolution" shall mean this Resolution as originally adopted or as it may from time to time be supplemented, modified or amended by any resolution supplemental hereto, pursuant to the provisions hereof.

The term "student service charge" shall mean any student fee or portion thereof assessed against students enrolled in the University for the general use of the facilities (whether assessed as a separate charge or as a specific allocation of a multi-purpose fee or charge), but shall not include general student tuitions or student fees assessed for any other purpose.

ARTICLE TWO

AUTHORIZATION, DESIGNATION, FORM, EXECUTION, EXCHANGE AND REGISTRATION OF BONDS

SECTION 2.01. *Limitation of Issue of Bonds.* This Resolution shall constitute a continuing agreement to secure the full and final payment in the manner herein provided for the principal and interest on all Bonds which may from time to time be delivered and issued hereunder. The aggregate principal amount of Bonds which may initially be so delivered and issued hereunder is limited to the principal sum of \$1,350,000. All Bonds at any time issued and outstanding hereunder, shall be equally and ratably secured hereby without preference, priority or distinction.

SECTION 2.02. *Project and Purpose of Bonds.* The Project to be acquired, constructed, equipped and completed hereunder is described in a general way as a five-story building located at 610 East John Street, Champaign, Illinois, and used as administrative facilities for student services.

The estimated cost of said Project is \$1,350,000, exclusive of land and the estimated cost of each portion of said Project is more fully set forth in the plans and specifications therefor on file with the University Architect.

It is hereby determined that in order to produce the funds necessary to construct and equip the Project, that the University borrow the sum of One Million Three Hundred Fifty Thousand Dollars (\$1,350,000) and in evidence thereof to issue its Student Services Building Bonds hereunder in said principal amount.

SECTION 2.03. *Terms of Bonds.* The Bonds to be initially issued hereunder shall be substantially in the form and of the tenor and purport hereinafter set forth and limited to the aggregate principal amount of One Million Three Hundred Fifty Thousand Dollars (\$1,350,000) at any one time outstanding, and shall be designated "The Board of Trustees of the University of Illinois Student Services Building Bonds."

The Bonds shall be issued as negotiable coupon bonds dated April 1, 1961, registrable as to principal in the denomination of \$1,000 or as fully registered Bonds without coupons, dated as of the interest payment date to which interest was last paid, next preceding the date of issue, unless issued on an interest payment date on which interest was paid, in which case they shall be dated as of the date of issue, or unless issued prior to October 1, 1961, in which case they shall be dated April 1, 1961. Each fully registered Bond without coupons shall be of a single maturity. Fully registered Bonds without coupons shall be numbered in such manner as may be designated by the Comptroller and shall be issued in denominations of \$1,000 or multiples thereof. Bonds shall bear interest from April 1, 1961, payable semi-annually on the first days of April and October in each year until paid, commencing October 1, 1961, at the rates provided below and shall mature in the following amounts on October 1, of the following years:

Maturity Dates	Principal Amount	Interest Rate	Maturity Dates	Principal Amount	Interest Rate
1964	\$10,000	4 $\frac{1}{2}$ %	1973	\$40,000	3 $\frac{3}{4}$ %
1965	10,000	4 $\frac{1}{2}$ %	1974	40,000	3 $\frac{3}{4}$ %
1966	10,000	4 $\frac{1}{2}$ %	1975	45,000	3 $\frac{3}{4}$ %
1967	20,000	4 $\frac{1}{2}$ %	1976	45,000	3 $\frac{3}{4}$ %
1968	20,000	4 $\frac{1}{4}$ %	1977	45,000	3 $\frac{3}{4}$ %
1969	30,000	4 $\frac{1}{4}$ %	1978	50,000	3 $\frac{3}{4}$ %
1970	35,000	4 $\frac{1}{4}$ %	1979	50,000	3 $\frac{3}{4}$ %
1971	35,000	3 $\frac{3}{4}$ %	1980	50,000	3 $\frac{3}{4}$ %
1972	40,000	3 $\frac{3}{4}$ %	1981	55,000	3 $\frac{3}{4}$ %
1982	55,000	3 $\frac{3}{4}$ %	1987	70,000	3 $\frac{1}{8}$ %

<i>Maturity Dates</i>	<i>Principal Amount</i>	<i>Interest Rate</i>	<i>Maturity Dates</i>	<i>Principal Amount</i>	<i>Interest Rate</i>
1983	\$60,000	3 $\frac{1}{8}$ %	1988	\$ 70,000	3 $\frac{1}{8}$ %
1984	60,000	3 $\frac{1}{8}$ %	1989	75,000	3 $\frac{1}{8}$ %
1985	65,000	3 $\frac{1}{8}$ %	1990	200,000	3 $\frac{1}{8}$ %
1986	65,000	3 $\frac{1}{8}$ %			

The Bonds shall be redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on any interest payment date on and after, but not prior to April 1, 1971, in the inverse order in which they mature, at the principal amount thereof, together with the interest accrued thereon to the date fixed for redemption plus a premium of the following percentages of such principal amount if redeemed during the following periods respectively:

<i>Period of Redemption</i>	<i>Applicable Premium</i>
April 1, 1971 through October 1, 1975.....	3%
April 1, 1976 through October 1, 1980.....	2%
April 1, 1981 through October 1, 1985.....	1%
April 1, 1986 and thereafter without premium.	

All redemptions shall be made in the manner, upon the notice and with the effect provided in Article Three hereof.

SECTION 2.04. *Payment of Principal and Interest.* Both the principal of and the interest on the Bonds shall be payable in any coin or currency which on the respective date of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at the American National Bank and Trust Company of Chicago, in the City of Chicago, Illinois.

SECTION 2.05. *Form of Bonds.* The definitive coupon Bonds, the interest coupons to be attached thereto, the form of fully registered Bonds without coupons, the form of registration endorsement to appear on all coupon Bonds and the form of assignment to appear on all fully registered Bonds shall be in substantially the following forms with appropriate insertions, omissions and variations to evidence differences in number, amount, interest rate, maturity and like matters:

(Form of Coupon Bond)
UNITED STATES OF AMERICA
STATE OF ILLINOIS
THE BOARD OF TRUSTEES OF THE UNIVERSITY
OF ILLINOIS STUDENT SERVICES
BUILDING BOND

Number.....\$1,000

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a body corporate, created and existing under the laws of the State of Illinois, for value received promises to pay to bearer, but only out of the Student Services Building Bond Fund, as hereinafter provided for, and not otherwise, the principal sum of ONE THOUSAND DOLLARS (\$1,000), on October 1, 19....., and to pay interest on said sum from the date hereof until paid at the rate of per cent (.....%) per annum, payable October 1, 1961, and semiannually thereafter on the first days of April and October in each year until the principal amount hereof has been fully paid. Interest accruing on this bond on and prior to the maturity date hereof shall be payable on presentation and surrender of the interest coupons hereto attached as they subsequently become due, but no interest shall accrue on this bond after the maturity hereof whether by lapse of time, call for redemption, or otherwise unless this bond shall be presented for payment and be not then paid.

Both principal hereof and interest hereon are hereby made payable in any coin or currency which, on the respective dates of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at the American National Bank and Trust Company of Chicago, in the City of Chicago, Illinois.

This bond is one of an initial authorized issue of One Million Three Hundred Fifty Thousand Dollars (\$1,350,000) principal amount of Student Services Building Bonds issued and to be issued pursuant to a Bond Resolution (herein called

"Resolution") of The Board of Trustees of the University of Illinois duly adopted May 17, 1961, for the purpose of providing funds for paying the cost of constructing and equipping a Student Services Building (herein sometimes called the "Project") as set forth in the Resolution. Said Resolution, among other things, provides for the issuance of additional bonds pursuant thereto only in the event that additional funds are necessary to pay the cost of completing the Project in the manner and upon the terms and conditions more fully set forth therein.

The bonds of this issue are redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on any interest payment date on and after, but not prior to April 1, 1971, in the inverse order in which they mature, at the principal amount thereof, together with the interest accrued thereon to the date fixed for redemption plus a premium of the following percentages of such principal amount if redeemed during the following periods respectively:

<i>Period of Redemption</i>	<i>Applicable Premium</i>
April 1, 1971 through October 1, 1975.....	3%
April 1, 1976 through October 1, 1980.....	2%
April 1, 1981 through October 1, 1985.....	1%
April 1, 1986 and thereafter without premium.	

Notice of redemption of any or all of said bonds shall be published once a week for two successive calendar weeks, the first such publication to be not less than thirty days prior to the date of redemption, such publication to be made in one daily newspaper printed in the English language and published and of general circulation in the City of Chicago, Illinois, and when this bond or any of the bonds of this issue shall have been duly called for redemption, interest thereon shall cease from and after the specified redemption date if redemption monies are available for the payment of all bonds called for redemption.

This bond and the issue of which it forms a part is issued under the authority of The Board of Trustees of the University of Illinois to issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1959, and all laws amendatory thereof and supplemental thereto and the Resolution above referred to.

This bond is payable, both as to principal and interest, only from the revenues required to be credited to the Student Services Building Bond Fund as provided in the Resolution; which revenues are to be derived from (1) the operation of the revenue producing facilities constructed, completed, and equipped with the proceeds of this bond issue and (2) student service charges (as defined in the Resolution) for the use of the facilities. This bond and the issue of which it forms a part do not constitute an indebtedness of said University of Illinois, The Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University, or said Board of Trustees, or the State of Illinois is pledged to the payment of this bond or the interest thereon.

This bond shall pass by delivery unless it is registered as to principal in the name of the holder on the books of registration of said University kept at the office of the American National Bank and Trust Company of Chicago, or its successor, as Registration Agent in the City of Chicago, Illinois, such registration to be noted on the back hereof. After such registration no transfer hereof shall be valid unless made on such books by the registered holder in person or by attorney duly authorized in writing and similarly noted hereon, but this bond may be transferred in like manner to bearer, and thereupon transferability by delivery shall be restored and it may again from time to time be registered or transferred to bearer as before. Such registration, however, shall not restrict the negotiability of the coupons hereto appertaining, but such coupons shall be transferable by delivery merely and payable to the bearer thereof.

Subject to the provisions for registration and transfer, this bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and during such time as this bond is payable to bearer, the same and each of the coupons hereto appertaining may be negotiated by delivery by any person having possession thereof, and any holder who shall have taken this bond while so payable to bearer or any of said coupons from any person for value and without

notice shall thereby acquire absolute title to this bond or to such coupons, as the case may be, free of any defenses enforceable against any prior holder and free from all equities and claims of ownership of any such prior holder, and The Board of Trustees of the University of Illinois, any paying agent, the Registration Agent and any other person may deem and treat the bearer of this bond, or, if registered, the person in whose name it is registered, and the bearer of any interest coupons appertaining hereto as the absolute owner hereof for all purposes and shall not be affected by any notice to the contrary whether this bond or any coupon appertaining thereto be overdue or not.

The bonds of this issue are issuable as coupon bonds registrable as to principal only in the denomination of \$1,000 and as registered bonds without coupons in the denomination of \$1,000 or a multiple thereof. Each fully registered bond without coupons shall be of a single maturity. The coupon bonds and the registered bonds without coupons are interchangeable for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder or registered owner at the office of the Registration Agent in the City of Chicago, Illinois, and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of The Board of Trustees of the University of Illinois and of the holders of sixty-six and two-thirds per cent (66 $\frac{2}{3}$ %) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on or otherwise alter or impair the obligation of the University to pay the principal, interest or redemption premiums at the time and place and at the rate and in the currency provided therein of any bond without the expressed consent of the holder or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the Resolution, other than the lien and pledge created thereunder or (iii) permit the creation by The Board of Trustees of the University of Illinois of any preference or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons or (iv) reduce the percentage in principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the Resolution adopted by it, authorizing the issuance of this bond and the issue of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facilities, as provided for in and by said Resolution, and to establish from time to time rules, rents, student service charges and other charges for the use of said facilities and to maintain and collect rents and student service charges and other charges sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions, and things required to exist, to happen, and to be performed, precedent to and in the issuance of this bond, have existed, have happened, and have been performed in due form, time, and manner, as required by law and the applicable resolutions of The Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said facilities to be applied in the manner hereinabove set forth.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois has caused this bond to be executed by the facsimile signatures of its President and two of its members, the corporate seal of the University of Illinois to be hereto affixed (or a facsimile thereof to be reproduced hereon), and attested by its Secretary, and has caused the interest coupons hereto attached to be executed by the facsimile signatures of said President and Secretary, and this bond to be dated as of the 1st day of April, 1961.

THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

Attest: _____ By _____
Secretary President

Member Member

(Form of Interest Coupon)

Number _____ \$ _____
On the first day of _____, 19____ (unless the bond to which this coupon is attached has theretofore been called for payment and payment made or provided for), The Board of Trustees of the University of Illinois will pay to bearer on surrender hereof, solely out of the fund specified in the bond to which this coupon is attached, the sum of _____ Dollars (\$ _____) in any coin or currency which, on the respective dates of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at the American National Bank and Trust Company of Chicago, in the City of Chicago, Illinois, as provided in the Student Services Building Bond, dated April 1, 1961, Number _____

Secretary President

(Form for Registration of Coupon Bond)

Date of Registration	Name of Registered Owner	Signature of Registrar
_____	_____	_____
_____	_____	_____
_____	_____	_____

(Form of Registered Bond Without Coupons)

UNITED STATES OF AMERICA
STATE OF ILLINOIS
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
STUDENT SERVICES BUILDING BOND

No. _____ \$ _____

The Board of Trustees of the University of Illinois, a body corporate, created and existing under the laws of the State of Illinois, for value received promises to pay (but only out of the Student Services Building Bond Fund as hereinafter provided for, and not otherwise) to _____ or registered assigns, on

October 1, 19____, the principal sum of _____ Dollars (\$ _____) and to pay interest thereon (which shall be paid by check or draft mailed to the registered owner at his address as it appears on the bond registration books of the University), at the rate of _____ per cent (____%) per annum, payable October 1, 1961, and semiannually thereafter on the first days of April and October in each year from the date hereof until the principal amount hereof has been fully paid.

Both principal hereof and interest hereon are made payable in any coin or currency which on the respective dates of payment of such principal and interest is legal tender for the payment of debts due the United States of America, at the American National Bank and Trust Company of Chicago, or its successor, in the City of Chicago, Illinois.

This bond is one of an initial authorized issue of One Million Three Hundred Fifty Thousand Dollars (\$1,350,000) principal amount of Student Services Building Bonds issued and to be issued pursuant to a Bond Resolution (herein called

"Resolution") of The Board of Trustees of the University of Illinois duly adopted May 17, 1961, for the purpose of providing funds for paying the cost of constructing and equipping a Student Services Building (herein sometimes called the "Project") as set forth in the Resolution. Said Resolution, among other things, provides for the issuance of additional bonds pursuant thereto only in the event that additional funds are necessary to pay the cost of completing the Project in the manner and upon the terms and conditions more fully set forth therein.

The bonds of this issue are redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on any interest payment date on and after, but not prior to April 1, 1971, in the inverse order in which they mature, at the principal amount thereof, together with the interest accrued thereon to the date fixed for redemption plus a premium of the following percentages of such principal amount if redeemed during the following periods respectively:

<i>Period of Redemption</i>	<i>Applicable Premium</i>
April 1, 1971 through October 1, 1975.....	3%
April 1, 1976 through October 1, 1980.....	2%
April 1, 1981 through October 1, 1985.....	1%
April 1, 1986 and thereafter without premium.	

Notice of redemption of any or all of said bonds shall be published once a week for two successive calendar weeks, the first such publication to be not less than thirty days prior to the date of redemption, such publication to be made in one daily newspaper printed in the English language and published and of general circulation in the City of Chicago, Illinois, and when this bond or any of the bonds of this issue shall have been duly called for redemption, interest thereon shall cease from and after the specified redemption date if redemption monies are available for the payment of all bonds called for redemption.

This bond and the issue of which it forms a part is issued under the authority of The Board of Trustees of the University of Illinois to issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1959, and all laws amendatory thereof and supplemental thereto and the Resolution above referred to.

This bond is payable, both as to principal and interest, only from the revenues required to be credited to the Student Services Building Bond Fund as provided in the Resolution; which revenues are to be derived from (1) the operation of the revenue producing facilities constructed, completed and equipped with the proceeds of this bond issue and (2) student service charges (as defined in the Resolution) for the use of the facilities. This bond and the issue of which it forms a part do not constitute an indebtedness of said University of Illinois, The Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University, or said Board of Trustees, or the State of Illinois is pledged to the payment of this bond or the interest thereon.

Subject to the provisions for registration and transfer contained herein and in the Resolution, this bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and shall be transferable by the registered owner at the office of the American National Bank and Trust Company of Chicago, or its successor, as Registration Agent in the City of Chicago, Illinois, upon surrender and cancellation of this bond and thereupon coupon bonds or a new registered bond without coupons of the same principal amount, interest rate and maturity will be issued to the transferee as provided in the Resolution. The Board of Trustees of the University of Illinois, any paying agent, the Registration Agent and any other person may treat the person in whose name this bond is registered as the absolute owner hereof for the purpose of receiving payment and for all other purposes and shall not be affected by any notice to the contrary whether this bond be overdue or not.

The bonds of this issue are issuable as coupon bonds registrable as to principal only in the denomination of \$1,000 and as registered bonds without coupons in the denomination of \$1,000 or a multiple thereof. Each fully registered bond without coupons shall be of a single maturity. The coupon bonds and the registered bonds without coupons are interchangeable for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder of

registered owner at the office of the Registration Agent in the City of Chicago, Illinois, and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of The Board of Trustees of the University of Illinois and of the holders of sixty-six and two-thirds per cent (66 $\frac{2}{3}$ %) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on or otherwise alter or impair the obligation of the University to pay the principal, interest or redemption premiums at the time and place and at the rate and in the currency provided therein of any bond without the express consent of the holder or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the Resolution, other than the lien and pledge created thereunder or (iii) permit the creation by The Board of Trustees of the University of Illinois of any preference or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons or (iv) reduce the percentage of principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the Resolution adopted by it, authorizing the issuance of this bond and the issue of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facilities, as provided for in and by said Resolution, and to establish from time to time rules, rents, student service charges and other charges for the use of said facilities and to maintain and collect rents and student service charges and other charges sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions, and things required to exist, to happen, and to be performed, precedent to and in the issuance of this bond, have existed, have happened, and have been performed in due form, time, and manner, as required by law and the applicable resolutions of The Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said facilities to be applied in the manner hereinabove set forth.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois has caused this bond to be executed by the facsimile signature of its President and two of its members, the corporate seal of the University of Illinois to be hereto affixed (or a facsimile thereof to be reproduced hereon), and attested by its Secretary, and this bond to be dated as of the 1st day of _____, 19_____.

THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

Attest:	By
Secretary	President
Member	Member

(Form of Assignment of Registered Bonds Without Coupons)

For Value Received.....
hereby sell, assign and transfer unto.....
the within mentioned bond together with accrued interest thereon, and all right, title and interest thereto and hereby irrevocably constitute and appoint....., attorney to transfer the

same on the books of Registration of the University, with full power of substitution in the premises.

Dated:

Witness:

NOTE: The signature to this Assignment must correspond with the name as written on the face of the within bond in every particular, without alteration or enlargement or any change whatsoever except when the registered owner is a governmental agency, in which case it may be executed in the name of any successor.

SECTION 2.06. Execution of Bonds. All of the Bonds shall be executed by the facsimile signatures of the President and any two members of the Board of Trustees and shall have the seal of the University affixed thereto (or a facsimile thereof to be reproduced thereon) and shall be attested by the Secretary of the Board of Trustees, and the coupons to be attached to the Bonds shall bear the facsimile signatures of the President and Secretary of the Board of Trustees.

In case any person who shall have signed, sealed or attested any Bond issuable under this Resolution as an officer or member of The Board of Trustees shall have ceased to be such officer or member before the Bond so signed, sealed or attested shall have been actually delivered, such Bond nevertheless may be delivered and issued as though the person who signed, sealed or attested such Bond had not ceased to be such officer or member of the Board of Trustees.

Any Bond issuable hereunder may be signed, sealed or attested on behalf of the Board of Trustees by any person who at the actual date of execution of such Bond is the proper person, although at the date of such Bond such person shall not have been an officer or member of the Board of Trustees.

SECTION 2.07. Registration and Transfer of Bonds. The University shall keep at the office of the Registration Agent in Chicago, Illinois, books for the registration and transfer of Bonds issued hereunder, which, at all reasonable times, shall be open for inspection by the holder of any Bond issued hereunder, and upon presentation for the purpose at such office, the University will register or transfer or cause to be registered or transferred herein, as hereinafter provided, and under such reasonable regulations as it may prescribe, any Bonds issued under this Resolution and entitled to be so registered or transferred.

The holder of any coupon Bond issued hereunder may have the ownership of the principal thereof registered on said books of the University at the office of the Registration Agent in Chicago, Illinois, and such registration shall be noted on the Bond. After such registration no transfer shall be valid unless made on the said books by the registered owner in person, or by his duly authorized attorney, and similarly noted on the Bond; but the same may be discharged from registration by being in like manner transferred to bearer, and thereupon transferability by delivery shall be restored; and such Bond may again, from time to time, be registered or transferred to bearer as before. Such registration, however, shall not affect the transferability of the coupons, but every such coupon shall continue to be transferable by delivery merely, and shall remain payable to bearer. The University shall make no charge for such registrations and discharges from registration.

Any registered Bond without coupons may be transferred at the office of the Registration Agent in the City of Chicago, Illinois, by surrender of such Bond for cancellation, accompanied by delivery of a written instrument of transfer in form approved by the Comptroller, duly executed by the registered owner of such Bond or his duly authorized attorney, and thereupon the University shall issue in the name of the transferee or transferees a new registered Bond or Bonds of like form and maturity and for a like aggregate principal sum.

A registered Bond without coupons, upon request of the registered owner, may be exchanged at said office of the Registration Agent for several such Bonds, of like form and maturity but of lesser authorized denominations, in the same name and for a like aggregate principal sum, and several registered Bonds without coupons, in the same name, may, upon request of the registered owner, be exchanged at such office or agency for one registered Bond without coupons or several such Bonds, of like form and maturity, but of greater authorized denominations and for the same aggregate principal sum.

Whenever any coupon Bonds in aggregate principal amount equal to one of

more registered Bonds without coupons of authorized denominations, with all unmatured coupons thereto attached, shall be surrendered at such office for exchange for a registered Bond or Bonds without coupons, the University shall issue, and, in exchange for such coupon Bonds, shall deliver registered Bonds, or one registered Bond, of authorized denominations without coupons, of the same maturity and for a like aggregate principal sum.

Whenever any registered Bond without coupons shall be surrendered for cancellation, accompanied by delivery of a written instrument of transfer in a form approved by the Comptroller, duly executed by the registered owner of such Bond or his duly authorized attorney, at the office of the Registration Agent in the City of Chicago, Illinois, for exchange for coupon Bonds, the University shall issue, and, in exchange for such registered Bond, shall deliver coupon Bonds for a like aggregate principal sum and like maturity, with coupons thereto attached representing interest from the interest payment date on which interest was last paid on such registered Bond without coupons.

As to all registered Bonds without coupons and all coupon Bonds registered as to principal, the person in whose name the same shall be registered shall be deemed and regarded as the owner thereof, for all purposes, and thereafter payment of or on account of the principal of such Bond, if it be a registered coupon Bond, and of the principal and interest, if it be a registered Bond without coupons, shall be made only to such registered owner thereof but such registration may be changed as above provided. All such payments shall be valid and effectual to satisfy and discharge the liability upon such Bonds to the extent of the sum or sums so paid. The University may deem and treat the bearer of any coupon Bond which shall not at the time be registered as to principal, and the bearer of any coupon for interest on such Bond, whether such Bond shall be registered or not, as the absolute owner of such Bond or coupon for the purpose of receiving payment thereof, and for all other purposes whatsoever, and the University shall not be affected by any notice to the contrary whether the Bond or coupon be overdue or not.

In every case of exchange or transfer of Bonds under this Section, the surrendered Bond or Bonds shall be presented to the University for cancellation.

Upon every such exchange of coupon Bonds for registered Bonds, without coupons, or of registered Bonds without coupons for coupon Bonds or for other registered Bonds without coupons, and upon any transfer of registered Bonds without coupons, the University, except as otherwise provided in any agreement between the University and any original purchaser of Bonds, may require the payment of such charge therefor as it may deem proper, not exceeding Two Dollars (\$2.00) plus actual expenses, including printing costs of new bonds and fees of the Registration Agent incurred in connection therewith for each Bond issued upon such exchange, payment of which, together with any taxes or other governmental charges required to be paid with respect to such exchange or transfer, shall be made by the party requesting such exchange or transfer as a condition precedent thereto.

The University shall not be required to make exchanges or transfers of bonds as provided in this Section 2.07 during a period of ten (10) days next preceding any interest payment date, or for the period of ten (10) days next preceding the first publication of notice of redemption of any Bond or at any time of any Bonds which have theretofore been duly called for redemption.

SECTION 2.08. *Lost, Stolen, Destroyed or Mutilated Bonds.* Upon the receipt by the University of evidence satisfactory to it of the loss, theft, destruction or mutilation of any outstanding Bond hereby secured, and of indemnity satisfactory to it, and upon surrender and cancellation of such Bond if mutilated, the University may execute and deliver, upon the lapse of such period of time as they may deem advisable, a new Bond of like tenor and maturity bearing the same or a different serial number, to be issued in lieu of such lost, stolen, destroyed or mutilated Bond. Such new Bond may bear such endorsement as may be prescribed by the University and which at the time is necessary to conform to the requirements of any securities exchange or of any governmental body having jurisdiction. The University may require the payment of a sum not exceeding Two Dollars (\$2.00) for each new Bond issued under this Section 2.08, plus expenses, including printing costs of new bonds, which may be incurred by the University in the premises.

SECTION 2.09. Registration Agent. The American National Bank and Trust Company of Chicago, or its successor, in the City of Chicago, Illinois, is hereby appointed as the Registration Agent for the purpose of registering, transferring and exchanging the Bonds as in this Resolution provided and the University agrees to take all legal action necessary or proper to constitute said bank as the Registration Agent hereunder.

ARTICLE THREE

REDEMPTION OF BONDS

SECTION 3.01. Publication of Notice. Whenever the University shall determine to exercise its right to redeem any Bonds issued hereunder and by their terms subject to redemption, notice of such redemption shall be published by the University in one daily newspaper printed in the English language and published and of general circulation in the City of Chicago, Illinois not less than 30 days prior to such redemption date. Such notice shall (a) designate the time and place of such redemption; (b) if the Bonds to be redeemed are less than all of the Bonds of any maturity, designate the numbers, the maturity date or dates and the aggregate principal amount of such Bonds; and (c) state that on the designated date of redemption such Bonds will be redeemed by payment of the principal amount thereof (or for the portion thereof to be redeemed) and all unpaid interest accrued thereon to the date of redemption plus the applicable premium, if any, and that from and after such designated redemption date interest in respect of the Bonds (or portions thereof) so called for redemption shall cease. A copy of said notice shall be mailed by the University, postage prepaid, at least 30 days prior to the redemption date to all registered owners of Bonds so to be redeemed at their last addresses appearing on the registration books of the University, but such mailing shall not be a condition precedent to the validity of the redemption of any Bond.

In case any fully registered Bonds are to be redeemed in part only, said notice shall specify the respective portions of the principal amounts thereof to be redeemed (which shall be \$1,000 or any multiple thereof) and shall state that payment of the redemption price shall, except as hereinafter specifically provided, be made only upon presentation of such fully registered Bonds for surrender in exchange for a coupon Bond or Bonds or a fully registered Bond or Bonds of the same maturity, of authorized denominations in aggregate principal amount equal to the unredeemed portion of the principal amount thereof; and in such case, if coupon Bonds or fully registered Bonds are so to be delivered in exchange, the University shall execute and deliver to or upon the written order of the registered owner of any fully registered Bonds, a portion only of which is to be redeemed, and at the expense of the University, a new Bond or Bonds of the same maturity for the principal amount of the surrendered fully registered Bond less the principal amount thereof paid on surrender.

In the event of the payment of a portion of the principal amount of any fully registered Bond registered in the name of any holder for the benefit of whom University shall elect that the provisions of this paragraph shall be applicable thereto (which election shall be subject to the condition that such holder shall first agree not to make any sale or transfer of any Bond or Bonds registered in its name without presentation of such Bond or Bonds for transfer and exchange), then in such event the University shall make payment to such Bond holder without requiring presentation of such Bond and, in lieu of delivering a new Bond or Bonds of an aggregate principal amount equal to the unredeemed portion of the principal amount of such Bond, the University shall, in its letter transmitting payment to such Bond holder, instruct such holder to endorse such payment on such Bond and a written representation from such holder to the University that such payment has been so endorsed shall be conclusive evidence of such endorsement and payment.

SECTION 3.02. Selection of Bonds for Redemption. In case the University shall have elected to redeem less than all of the outstanding Bonds of a single maturity, the Bonds to be redeemed shall be selected by lot except as herein otherwise expressly provided. In each such instance the University shall, at least five days before the date upon which the first publication of the notice of redemption hereinbefore mentioned is required to be made, draw by lot, from the outstanding Bonds of such maturity, in any manner deemed by it proper, the identi-

lying numbers of the Bonds to be redeemed. In any such selection by lot each Bond of a denomination in excess of \$1,000 shall be given a separate number for each \$1,000 of the principal amount thereof.

SECTION 3.03. *Deposit of Funds for Redemption.* Said notice having been given, as above provided, the Bonds designated for redemption shall, on the date specified in such notice, become due and payable, at the then applicable redemption price, and on or before the day preceding the date fixed for redemption the University shall deposit with the American National Bank and Trust Company of Chicago as depository, the redemption price of the Bonds called for redemption and accrued interest thereon to the date fixed for redemption. Upon such deposit having been made and on presentation, if required, of such Bonds in accordance with such notice at the place at which the same are expressed in such notice to be redeemable, with all appertaining coupons, if any, maturing after said redemption date, such Bonds shall forthwith after the making of such deposit be paid by the depository, on behalf of the University, at such redemption price. Such payment of the redemption price shall be made to the bearer of any such Bonds, unless it shall then be registered, in which case such payment shall be made to the registered owner. All unpaid interest installments represented by coupons which shall have matured on or prior to the date of redemption specified in such notice, shall continue to be payable to the bearers, severally and respectively, and the redemption price payable to the holders of Bonds presented for redemption shall not include such unpaid installments of interest unless coupons representing such installments shall be attached to the Bonds presented for redemption.

SECTION 3.04. *Effect of Redemption.* If the amount necessary to redeem all of the Bonds called for redemption as aforesaid shall have been deposited with the paying agent, for the account of the holder or holders of such Bonds on or before the day preceding the date specified for such redemption, and the notice hereinbefore mentioned shall have been duly given, and all charges and expenses of the paying agent in connection with such redemption, or otherwise hereunder, shall have been fully paid or provided for, the University shall be privileged to consider such Bonds redeemed from the holder or holders thereof, and interest on such Bonds shall cease on the date specified for such redemption, and the University shall thereupon (subject to the provisions of Article Ten hereof) be discharged from and after the redemption date specified in such notice from further liability in respect of the Bonds so called for redemption, and thereafter such Bonds shall not be entitled to any benefit of or from this Resolution. In case any question shall arise as to whether any such notice shall have been sufficiently given, or such redemption effected, such question shall be decided by the paying agent, and the decision of the paying agent shall be final and binding upon all parties in interest. No holder of any Bond shall be entitled to any interest on money deposited for the redemption of Bonds.

SECTION 3.05. *Cancellation of Bonds.* All Bonds redeemed and paid, as provided in this Article Three, shall, together with all coupons appertaining thereto, if any, be cancelled by the University and no Bonds or coupons so redeemed shall be reissued, nor shall any Bonds or coupons be issued in lieu thereof.

ARTICLE FOUR

ISSUANCE OF BONDS

SECTION 4.01. *Issuance of Initial Bonds.* Bonds in the principal amount of One Million Three Hundred Fifty Thousand Dollars (\$1,350,000) shall be executed on behalf of the Board of Trustees and delivered to or upon the written order of the Comptroller.

SECTION 4.02. *Issuance of Additional Bonds.* After the issue and delivery of the Bonds herein authorized and provided for to the purchaser thereof, additional Bonds to share ratably and equally with the Bonds hereby authorized shall only be issued in the event that additional funds are necessary to pay the cost of completing the Project herein provided for in accordance with the plans and specifications now on file in the office of the Physical Plant Department, Administration Building, Urbana, Illinois, and in the event additional funds are necessary to pay the cost of completing the Project herein provided for, said Bonds shall not be issued until such time as the architects employed by the University for

the construction of said facilities have submitted a certificate to The Board of Trustees of the University of Illinois setting forth an itemized statement of the work completed to date, the cost thereof, and an itemized statement of the work yet to be completed and the estimated cost of the work to be completed, and such certificate and estimate shall be presented to and approved by said Board of Trustees preceding the adoption of any resolution authorizing the issuance of additional Bonds to share ratably and equally in the revenues of said facilities. Any additional Bonds issued for the purpose of completing the Project herein provided for, in accordance with this Section, shall be payable serially with principal and interest amortized over a period not shorter than the remaining life of any of the then outstanding Bonds.

ARTICLE FIVE

PROVISIONS RELATING TO INCOME AND APPLICATION THEREOF

SECTION 5.01. *Student Services Building Bond Fund.* All revenues derived from the following sources are hereby pledged and shall be held in trust for the benefit of the Bond holders for the purpose of making the payments or deposits required to be made under subsections (a), (b) and (c) of Section 5.02 of this Resolution:

- (1) the operation of the Project, and
- (2) student service charges;

and such revenues shall be deposited as collected in a general banking account of the University to the credit of a special fund which is hereby created and designated as the "Student Services Building Bond Fund" and the Board of Trustees covenants that all student service charges and other revenues, income, receipts, rents or charges derived from the operation of such facilities shall be so credited within three working days after receipt in the Student Services Building Bond Fund and shall be used as provided in Section 5.02 hereof.

SECTION 5.02. *Disposition of Student Services Building Bond Fund.* The funds in the Student Services Building Bond Fund shall be used in the manner and in the order hereinafter mentioned:

(a) Funds in the Student Services Building Bond Fund representing revenues derived from student service charges and funds representing revenues derived from sources other than student service charges, if any, shall first be used to pay all current operating expenses and thereafter for the purposes and in the order specified in subsections (b) and (c) below.

(b) There is hereby created an account to be designated the Student Services Building Bond and Interest Sinking Fund Account (herein sometimes called the "Bond and Interest Sinking Fund Account"), which shall be maintained with the American National Bank and Trust Company of Chicago, or its successor, in the City of Chicago, Illinois, which bank is hereby designated as the depository for said account. The University shall deposit in said Bond and Interest Sinking Fund Account on or before March 1, 1963 and on or before March 1 and September 1 of each year thereafter a sum equal to one hundred thirty-five per cent (135%) of the interest becoming due on the next semiannual interest payment date plus sixty-seven and one half per cent (67½%) of the principal payments becoming due on the next October 1, to be paid from the Student Services Building Bond Fund, until such time as such funds and investments (valued at the lower of cost or market), and the income and profits realized from any investments thereof are at least equal to the debt service requirements on all then outstanding Bonds for the then current fiscal year plus a debt service reserve in the amount of \$200,000 and thereafter in a like manner such sums semiannually as may be necessary to meet the then current fiscal year's debt service requirements and to maintain the aforesaid debt service reserve. Said funds shall be held and used for the payment of principal, interest and premium, if any, on the Bonds.

After setting aside funds for the payment of Bonds which have matured and for past due interest or interest coupons and for principal, accrued interest and premium, if any, on Bonds called for redemption but not paid, funds of the Bond and Interest Sinking Fund Account in excess of the principal and interest requirements for the next succeeding twelve (12) months may be

invested by the depository from time to time by written order of the Comptroller in United States Government securities maturing not more than five (5) years from date of purchase. Funds held for interest and principal payments during the next succeeding twelve (12) months (excluding funds held for the payment of Bonds which have matured and for past due interest or interest coupons and for principal, accrued interest and premium, if any, on Bonds called for redemption but not paid) may be invested by the depository from time to time by written order of the Comptroller in United States Government securities maturing in such manner that at all times sufficient securities will mature not later than ten (10) days prior to each of the next two succeeding interest payment dates to meet the interest and principal payments becoming due on each of said dates.

(c) All funds remaining in said Student Services Building Bond Fund in any fiscal year after the full debt service reserve prescribed in subsection (b) of this Section has been provided for and after all provisions in subsections (a) and (b) of this Section have been met and all deficiencies have been made up, shall be deemed surplus moneys and shall be used for any of the following purposes: (1) for calling and redeeming the outstanding Bonds, which by their terms are redeemable prior to maturity; (2) for purchasing Bonds in the open market, with all unmatured interest coupons thereto attached at the lowest prices reasonably attainable, but not exceeding the amount at which such Bonds at the time are redeemable; (3) for investment by the Comptroller in United States Government securities until such time as funds are needed for other purposes; (4) for unusual or extraordinary repairs, replacements or improvements to the facilities, for which no funds can be properly provided in subsection (a) above; and (5) for any lawful purpose as the Board of Trustees may direct.

ARTICLE SIX

APPLICATION OF PROCEEDS OF SALE OF BONDS

SECTION 6.01. *Custody and Application of Bond Proceeds.* The proceeds from the sale of Bonds to be issued hereunder shall be applied only toward the cost of acquiring, constructing, equipping, enlarging, or improving facilities, all as hereinbefore provided. When received, the part of the purchase price of Bonds representing the interest accrued on Bonds to the date of payment of such purchase price, together with that portion of the proceeds of the Bonds representing interest to become due on such Bonds prior to and including October 1, 1962, shall be deposited in the Bond and Interest Sinking Fund Account. The remaining part of such purchase price shall be retained by the University and accounted for as a separate fund to be known as the "Student Services Building Construction Fund Account," herein sometimes called "Construction Fund Account." The moneys in said Construction Fund Account shall be used for constructing and equipping the Student Services Building in such a manner as to assure completion of the project free and clear of mechanic's liens and substantially in accordance with the plans and specifications therefor.

SECTION 6.02. *Investment of Construction Fund.* Pending disbursement for the purpose aforesaid the Comptroller may from time to time invest all or any part of the moneys in said Construction Fund Account not to be needed within the next succeeding thirty (30) days for the purposes hereinabove set forth in Bonds or other direct and general obligations of the United States of America having a maturity date or becoming due at the option of the holder not more than eighteen (18) months subsequent to the date of investment therein. Interest accruing as a result of any such investments when received shall be credited to said Construction Fund Account.

SECTION 6.03. *Disposition of Surplus Funds.* After completion of the construction of the Project, the Comptroller shall execute a certificate to the effect that said Project has been fully completed according to the plans and specifications and the same filed in the office of the Secretary of the Board of Trustees. If there be funds remaining in said Construction Fund Account at the time of the filing of such certificate with the Secretary, said funds shall be withdrawn by the Comptroller and deposited in the Bond and Interest Sinking Fund Account.

ARTICLE SEVEN

ADDITIONAL COVENANTS OF THE UNIVERSITY

The Board of Trustees of the University of Illinois hereby covenants and agrees as follows:

SECTION 7.01. *Authority for Bonds.* That it is duly authorized under the laws of the State of Illinois and under all other applicable provisions of law to create and issue the Bonds herein provided for, and to pledge and apply the net income of the facilities and student service charges as herein provided; that all corporate and other action on its part for the creation and issuance of the initial issue of Bonds has been duly taken; that said Bonds when issued and in the hands of the holders thereof will be valid and enforceable obligations of the University according to the import thereof; that this Resolution is and will remain a valid Resolution to secure the payment of said Bonds and that the University has complete and lawful authority and privilege to acquire, construct, equip, operate, enlarge, improve, maintain, control and manage the facilities as herein provided.

SECTION 7.02. *Right to Use and Occupancy of the Facilities and Not to Encumber Same.* That it hereby warrants that it has a valid and existing right to the use and occupancy of the facilities and the sites thereof and the right to construct, equip, operate, enlarge, improve, maintain, control and manage the facilities and it, or the State of Illinois, has indefeasible title in fee simple to the sites of the facilities subject only to current taxes not in default; that it will not further encumber said property or the income therefrom and that it will not, while any Bonds are outstanding hereunder encumber the title to or pledge or agree to pay to others the income from any of the said facilities; that it will within three months after the same shall accrue pay and discharge or cause to be paid and discharged, all lawful claims and demands of mechanics, laborers and others which if unpaid might by law become liens upon the facilities or the sites thereof unless contested in good faith and by appropriate legal proceedings. Any assessment or attempt to assess property shall not be considered an encumbrance within the meaning of this Section so long as the University takes proper action to prevent judgment being entered against said property. Nothing contained in this Resolution shall be construed to prevent the University from using any portion of land included in the Project site, other than the specific land on which the facilities are located, for any lawful purposes so long as the use and occupancy of the facilities are not impaired.

SECTION 7.03. *To Pay Principal and Interest.* That it will duly and punctually pay or cause to be paid the principal sum and the interest accruing on said principal, on each and every one of the Bonds secured or to be secured hereby, at the dates and places, and in the manner provided in said Bonds, and in the coupons thereunto appertaining, according to the terms thereof.

SECTION 7.04. *Taxes.* That it will pay and discharge all taxes, assessments and Governmental charges which shall be imposed upon the facilities provided, however, that the University shall not be required to pay any such tax, assessment, charge or claim so long as the University in good faith and by appropriate legal proceedings shall contest the validity thereof or its enforceability as a lien, and provided further that any such delay occasioned thereby shall not subject the facilities or any part thereof to forfeiture or sale.

SECTION 7.05. *Payment of Bondholders' Costs and Expenses.* That it will pay all and singular the costs, charges and expenses including reasonable attorney fees incurred or paid at any time by the holder of any of the Bonds because of the failure on the part of the University to perform, comply with and abide by each and every of the stipulations, agreements, conditions and covenants of the Bonds and this Resolution, or either of them.

SECTION 7.06. *Construction of New Facilities, Maintenance, Repairs, Application of Income, Operation of Additional Facilities.* That following the issuance of Bonds under this Resolution it will cause the facilities to be constructed with all reasonable dispatch; that it will at all times from income made available for such purpose maintain, preserve and keep all the facilities and all additions and betterments thereto and every part and parcel thereof in good repair, working order and operating condition; and that it will use and apply the student service charges and other income from the facilities only as provided in Article Five of this Resolution.

SECTION 7.07. Student Service Charges and Rental Rates. That so long as any Bonds herein authorized to be issued shall remain outstanding it will continuously operate and maintain the facilities, will adopt such rules and regulations and fix and maintain such student service charges, rates, rents, fees, and charges for the use of said facilities, as will provide revenue sufficient to provide and maintain the aforesaid Bond and Interest Sinking Fund Account and the required reserves therefor, and to pay the reasonable cost of operating and maintaining the facilities and to provide and maintain the Improvement and Replacement Reserve, and that it will collect and account for and apply the aforesaid income and revenues in accordance with and as provided by this Resolution.

SECTION 7.08. Record Keeping. That it will, so long as any of the Bonds issued hereunder remain outstanding and unpaid, keep proper and separate books of accounts and records in which full, true and correct entries will be made of all dealings and transactions relating to the properties, business and financial affairs of the University as related to the facilities and such records and books shall be open to inspection by the Bond holders and their agents or representatives.

SECTION 7.09. Audit Reports and Furnishing of Same. That it will on or before one hundred fifty (150) days after the end of each fiscal year commencing with the fiscal year ending June 30, 1962, cause to be prepared and will furnish to the depository and (upon written request therefor) to the holder or holders of any Bonds, certified reports of audit based on an examination sufficiently complete to comply with generally accepted auditing standards, prepared by a nationally recognized firm of independent public accountants, covering the operations of the facilities for the fiscal year next preceding, and showing the income and expenses for such period. Such audit report shall include a statement in reasonable detail of income from and expense of the facilities and shall show the student enrollment of the University and the schedule of student service charges. Such audit report shall also include statements of the status of each fund, reserve or account established under the terms of Article Five hereof showing the amount and source of the deposits therein, the amount and purpose of the withdrawals therefrom and the balance therein at the beginning and end of the fiscal year. There will also be included with each audit report a written opinion of the accountant that in making the examination necessary to said audit no knowledge of any default by the University in the fulfillment of any of the terms, covenants, provisions and conditions of this Resolution was obtained, or, if such accountant shall have obtained knowledge of such default, a statement of the default or defaults thus discovered and the nature thereof.

SECTION 7.10. Fire and Extended Coverage Insurance. That as long as any of said Bonds authorized to be issued hereunder shall remain outstanding and unpaid, either as to principal or interest, or both, it will maintain insurance on said facilities against loss or damage by fire and windstorm and all other risks included in extended coverage insurance in amounts sufficient to provide for not less than full recovery of the insurable value whenever the loss from causes covered by such insurance does not exceed eighty per cent (80%) of the full insurable value of said Building. Such insurance policy or policies shall be payable to The Board of Trustees of the University of Illinois, and all moneys collected on account of loss or damage covered by any such policy or policies of insurance shall be held in trust by the Board of Trustees and shall be used only for restoration of the property so damaged or, at the election of the Board of Trustees, deposited for credit to the Bond and Interest Sinking Fund Account.

ARTICLE EIGHT

EVENTS OF DEFAULT

SECTION 8.01. Events of Default. The University shall be in default herein if one or more of the following events (herein called "events of default") shall happen, to-wit:

(a) Failure to make due and punctual payment of the principal of or any redemption premium on any Bond when and as the same shall become due and payable;

(b) Failure to make due and punctual payment of any installment of interest on any Bond when and as such interest installment shall become due and payable, and such default shall have continued for a period of thirty (30) days;

(c) Failure to make due and punctual payment or satisfaction of any payment into the Bond and Interest Sinking Fund Account when and as such payments shall become due and payable as in this Resolution or any resolution supplemental hereto expressed and such default shall have continued for a period of one hundred eighty (180) days;

(d) If the University shall default in the observance of any other covenants, agreements or conditions on its part in this Resolution or any resolution supplemental hereto or in the Bonds contained, and such default shall have continued for a period of ninety (90) days after notice thereof given to the University by the holder of any Bond setting forth the nature of such default.

If an event of default shall happen and be continuing, then and in each and every such case the holders of not less than a majority in aggregate principal amount of the Bonds at the time outstanding shall be entitled, upon notice in writing to the University, to declare the principal of all of the Bonds then outstanding hereunder and the interest accrued thereon to be due and payable immediately, and upon any such declaration the same shall become and shall be immediately due and payable, anything in this Resolution or in the Bonds contained to the contrary notwithstanding.

All of the revenues of the facilities including all sums in the Student Services Building Bond Fund upon the date of the happening of any event of default and all revenues of the facilities thereafter received by the University, shall be applied by the University in the order following upon presentation of the several Bonds and coupons, and the stamping thereon of the payment if only partially paid, or upon the surrender thereof if fully paid:

First, to the payment of the costs and expenses of the holders of the Bonds in declaring such event of default, including reasonable compensation to their agents, attorneys and counsel;

Second, in case the principal of the Bonds shall not have become due and shall not then be due and payable, to the payment of the interest in default in the order of the maturity of the installments of such interest, with interest on the overdue installments at the rate now or hereafter provided by law, such payments to be made ratably to the persons entitled thereto without preference or priority;

Third, in case the principal of the Bonds shall have become due and shall be then due and payable, to the payment of the whole amount then owing and unpaid upon the Bonds for principal and interest, with interest on the overdue principal at the rate or rates of interest specified in the Bonds and on installments of interest at the rate now or hereafter provided by law, and in case such moneys shall be insufficient to pay in full the whole amount so owing and unpaid upon the Bonds, then to the payment of such principal and interest without preference or priority of principal over interest, or of interest over principal, or of any installment of interest over any other installment of interest, ratably to the aggregate of such principal and interest.

SECTION 8.02. Rights of Holders of Bonds Upon Default. Subject to any contractual limitations binding upon the holders of any of the Bonds (including any other limitations herein upon the exercise of any remedy to holders holding a specific proportion or percentage of the Bonds), any holder of Bonds shall have the right, for the equal benefit and protection of all holders of Bonds similarly situated:

(a) By suit at law or proceedings in equity to compel observance by the University or by any of its officers, agents, and employees of any contract or covenant made by the University with the holders of bonds and coupons as provided in this Resolution, and to compel the University and any of its officers, agents and employees, to perform any duties required to be performed for the benefit of the holders of the Bonds or coupons as provided by this Resolution, and to enjoin the University and any of its officers, agents or employees from taking any action in conflict with any contract or covenant with the holders of the Bonds and coupons as provided by this Resolution;

(b) By action or suit in equity to require the University to account as if it were the trustee of an express trust; or

(c) By action or suit in equity to enjoin any acts or things which may be unlawful or in violation of the rights of the holders of Bonds.

No remedy conferred hereby upon any holder of Bonds is intended to be exclusive of any other remedy, but each such remedy is cumulative and in addition to every other remedy and may be exercised without exhausting and without regard to any other remedy conferred hereby. No waiver of any default or breach of duty or contract by the holder of any Bond shall extend to or shall affect any subsequent defaults or breach of duty or contract or shall impair any rights or remedies thereon. No delay or omission of the holder of any Bond to exercise any right or power accruing upon any default shall impair any such right or power or shall be construed to be a waiver of any such default or acquiescence therein. Every substantive right and every remedy conferred upon the holders of Bonds may be enforced and exercised from time to time and as often as may be deemed expedient. In case any suit, action or proceeding to enforce any right or exercise any remedy shall be brought or taken and then discontinued or abandoned, or shall be determined adversely to the holders of Bonds, then, and in every such case, the University and the holders of Bonds shall be restored to their former positions and rights and remedies as if no such suit, action or proceeding had been brought or taken.

ARTICLE NINE

MODIFICATION AND AMENDMENT OF THE RESOLUTION

SECTION 9.01. *Amendment by Consent of Bond Holders.* This Resolution and the rights and obligations of the University and of the holders of the Bonds and coupons may be modified or amended at any time by resolution supplemental hereto adopted by the Board of Trustees pursuant to the affirmative vote of the holders of sixty-six and two-thirds per cent ($66\frac{2}{3}\%$) in principal amount of all of the Bonds then outstanding at a meeting of Bond holders held in accordance with this Article, or with the written consent without a meeting, given as provided in Section 9.04, of the holders of sixty-six and two-thirds per cent ($66\frac{2}{3}\%$) in principal amount of all of the Bonds then outstanding; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on, or otherwise alter or impair the obligation of the University to pay the principal or interest or redemption premiums at the time and place and at the rate and in the currency provided therein of any Bond without the express consent of the holder of such Bond, or (ii) permit the creation by the University of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held hereunder, except as permitted by this Resolution, other than the lien and pledge created by this Resolution, or (iii) permit the creation of a preference or priority of any Bond or Bonds over any other Bond or Bonds or coupon or coupons, or (iv) reduce the percentages of Bonds required for the affirmative vote or written consent to an amendment or modification, without the written consent of holders of all Bonds.

SECTION 9.02. *Bond Holders' Meetings.* The University may at any time call a meeting of the holders of Bonds. Every such meeting shall be held at such place in the City of Chicago, State of Illinois, as may be specified in the notice calling such meeting. Written notice of such meeting, stating the place and time of the meeting and in general terms the business to be submitted, shall be given by the University to the holders of all Bonds outstanding hereunder by registered or certified mail, postage prepaid, not less than thirty (30) nor more than sixty (60) days before such meeting, to each registered owner of Bonds then outstanding, at his address, appearing upon the books of registration, and in the event there shall then be outstanding any coupon Bonds which shall not be registered as to principal such notice shall also be published by the University at least once a week for two (2) successive weeks in a daily newspaper published in the English language and having a general circulation in the City of Chicago, State of Illinois, the first publication to be not less than thirty (30) nor more than sixty (60) days prior to the meeting; provided, however, that in any case where publication shall be required as hereinbefore set forth the mailing of such notice shall in no case be a condition precedent to the validity of any action taken at any such meeting.

SECTION 9.03. Attendance in Person or by Proxy. Attendance and voting by Bond holders at such meeting may be in person or by proxy. Owners of registered Bonds may, by an instrument in writing under their hands, appoint any person as their proxy to vote at any meeting for them.

In order that holders of Bonds payable to bearer or their proxies may attend and vote without producing their Bonds, the University may make and from time to time vary such regulations as it shall think proper for the deposit of Bonds with, or exhibit of Bonds to, any banks or trust companies wherever situated, and for the issue by them, to the persons depositing or exhibiting such Bonds, of certificates in form approved by the University which shall constitute proof of ownership entitling the holders thereof to be present and vote at any such meeting and to appoint proxies to represent them and vote for them at any such meeting in the same way as if the persons so present and voting, either personally or by proxy, were the actual bearers of the Bonds in respect of which such certificates shall have been issued, and any regulations so made shall be binding and effective. Copies of such regulations shall be kept on file in the offices of the paying agent in Chicago, Illinois, and the Secretary of the University.

Any registered owner of Bonds or any holder of a certificate provided for in this Section 9.03 shall be entitled in person or by proxy to attend and vote at such meeting as holder of the Bonds registered or certified in his name, without producing such Bonds. All others seeking to attend or vote at such meeting in person or by proxy must produce the Bonds claimed to be owned or represented at such meeting, and all persons seeking to attend or vote at such meeting in person or by proxy shall, if required, produce such further proof of Bond ownership or personal identity as shall be satisfactory to the University. All proxies presented at any meeting shall be delivered to the inspectors of votes and filed with the University.

SECTION 9.04. Amendments by Written Consent of Bond Holders. The University may at any time adopt a valid resolution amending the provisions of the Bonds or of this Resolution or of any resolution supplemental hereto, to the extent that such an amendment is permitted by the provisions of Section 9.01, to take effect when and as provided in this Section. A copy of such resolution, together with a request of the University to Bond holders for their consent thereto, shall be mailed by the University to each registered owner of Bonds and notice of the adoption thereof shall be published in the manner provided in Section 9.02 for the mailing and publication referred to in that Section (but failure to mail copies of such resolution and request shall not affect the validity of the resolution when assented to as in this Section provided). Such resolution shall not be effective unless and until there shall have been filed with the University the written consents of the percentage of holders of outstanding Bonds specified in Section 9.01. Each such consent shall be effective only if accompanied by proof of ownership of the Bonds for which such consent is given, which proof shall be such as is permitted by Section 9.03. Any such consent shall be binding upon the holder of the Bonds giving such consent and on any subsequent holder of such Bonds (whether or not such subsequent holder has notice thereof).

SECTION 9.05. Supplemental Resolutions or Amendments Without Consent of Bond Holders. The Board of Trustees may from time to time and at any time, subject to the conditions and restrictions in this Resolution contained, but without requiring the consent of the holders of any of the Bonds, adopt a resolution or resolutions supplemental hereto, which shall thereafter form a part hereof for any one or more or all of the following purposes:

(a) To add to the covenants and agreements of the University in this Resolution contained, other covenants and agreements thereafter to be observed and/or to surrender any right or power herein reserved to or conferred upon the Board of Trustees; and

(b) To clarify any ambiguity or to clarify, correct or supplement, any defect or inconsistent provision contained in this Resolution; and

(c) To provide for the issuance of additional Bonds for the completion of the Student Services Building, but only upon the terms and conditions specified in Section 4.02 hereof.

SECTION 9.06. Endorsement of Bonds. Bonds delivered after the effective date of any action taken as provided in this Article Nine may bear a notation

by endorsement or otherwise in form approved by the University as to such action, and in that case upon demand of the holder of any Bond outstanding at such effective date and presentation of his Bond for the purpose at the office of the Comptroller of the University a suitable notation shall be made on such Bond by the University as to any such action. If the University shall so determine, new Bonds so modified as to conform to such action shall be prepared and delivered, and upon demand of the holder of any Bond then outstanding shall be exchanged at the office of the Comptroller of the University, without cost to any Bond holder, for Bonds then outstanding, upon surrender of such Bonds with all unmatured coupons, if any, appertaining thereto.

SECTION 9.07. *Exclusion of Bonds.* Bonds owned or held by or for the account of the University shall not be deemed outstanding for the purpose of any vote or consent or other action or any calculation of outstanding Bonds in this Article provided for, and shall not be entitled to vote or consent or take any other action in this Article provided for.

ARTICLE TEN

MISCELLANEOUS

SECTION 10.01. *Benefits of Bond Holders Limited to Parties.* Nothing in this Resolution, expressed or implied, is intended or shall be construed to confer upon, or to give to, any person, firm or corporation other than the University and the holders of the Bonds and of the coupons outstanding, any right, remedy or claim under or by reason of this Resolution, and any covenants, stipulations, promises and agreements in this Resolution contained by and on behalf of the University shall be for the sole and exclusive benefit of the University and of the holders of Bonds and of the coupons outstanding.

SECTION 10.02. *Successor Is Deemed Included in All References to Predecessor.* Whenever in this Resolution or any resolution supplemental hereto either the University or the paying agent is named or referred to, such reference shall be deemed to include the successors or assigns thereof, and all the covenants and agreements in this Resolution contained by or on behalf of the University shall bind and inure to the benefit of the respective successors and assigns thereof whether so expressed or not.

SECTION 10.03. *Discharge of Resolution.* If all of the outstanding Bonds shall have matured, or shall have been duly called for redemption and the redemption date thereof shall have arrived, and if the University shall have deposited with the depository in trust, funds pursuant to this Resolution sufficient to pay and available for the payment of all amounts due on all Bonds then outstanding, including all principal, interest and redemption premiums, if any, and provision shall also be made for paying all other sums payable hereunder by the University, then, notwithstanding that any Bonds or interest coupons shall not have been surrendered for payment, the pledge of the income provided for in this Resolution and all other obligations of the University under this Resolution shall cease and terminate except as hereinafter in the next succeeding paragraph provided.

Any such funds held by the depository which have not been disbursed in the payment of Bonds and interest as aforesaid during the period of ten (10) years after the deposit referred to in the foregoing paragraph, shall be repaid to the University by the paying agent on written request of the University together with the schedule of the Bonds not paid or redeemed and thereupon the holder of any of the Bonds or coupons entitled to receive such payments, shall thereafter look only to the University for the payment thereof; provided, however, that the depository before being required to make such repayment, shall at the expense of the University, effect publication once a week for two successive weeks in a daily newspaper published in the English language, and having a general circulation in the City of Chicago, State of Illinois, a notice to the effect that said moneys have not been so applied and that after a date named in said notice, any unclaimed balance of said moneys then remaining will be refunded to the University.

No Bond or appurtenant coupon shall, after maturity thereof either according to its terms or through call of such Bond for earlier redemption, be deemed to be outstanding provided that moneys in the requisite amount for the payment

thereof shall have been deposited with the depository, as trust funds, and are available for payments of such Bond or coupon upon demand.

SECTION 10.04. Execution of Documents by Bond Holders. Any request, declaration or other instrument which this Resolution may require or permit to be signed and executed by Bond holders may be in one or more instruments of similar tenor, and shall be signed or executed by Bond holders in person or by their attorneys-in-fact appointed in writing.

Except as otherwise herein expressly provided, the fact and date of the execution by any Bond holder or his attorney-in-fact of such request, declaration or other instrument or writing appointing such attorney-in-fact may be proved by the certificate of any notary public or other officer authorized to take acknowledgments of deeds to be recorded in the State in which he purports to act, that the person signing such request, declaration or other instrument or writing acknowledged to him the execution thereof, or by an affidavit of a witness of such execution, duly sworn to before such notary public or other officer.

Except as otherwise herein expressly provided in this Resolution, the amount of Bonds transferable by delivery held by any person executing such request, declaration or other instrument or writing as a Bond holder, and the numbers thereof, and the date of his holding such Bonds, may be proved by a certificate, which need not be acknowledged or verified, satisfactory to the University, executed by a trust company, bank, investment banker, dealer, broker or other depository wherever situated, showing that at the date therein mentioned such person exhibited to or had on deposit with such depository the Bonds described in such certificate. Continued ownership after the date of deposit stated in such certificate may be proved by the presentation of such certificate if the certificate contains a statement by the depository that the Bonds therein referred to are in fact held on deposit by such depository and will not be surrendered without the surrender of the certificate to the depository. The University may nevertheless in its discretion require further or other proof in cases where it deems the same desirable. The ownership of registered Bonds and the amount, maturity, number and date of holding the same shall be proved by the registry books.

Any request, declaration or other instrument or writing of the owner of any Bond shall bind all future owners of such Bond in respect of anything done or suffered to be done by the University hereunder in good faith and in accordance therewith.

SECTION 10.05. Waiver of Personal Liability. No officer, agent or employee of the University shall be individually or personally liable for the payment of the principal of or interest on the Bonds; but nothing herein contained shall relieve any such officer, agent or employee from the performance of any official duty provided by law.

SECTION 10.06. Official Publication. Any publication to be made under the provisions of this Resolution in successive weeks may be made in each instance upon any business day of the week and need not be made on the same day of any succeeding week nor in the same newspaper for any or all of the successive publications, but may be made in different newspapers.

SECTION 10.07. Partial Invalidity. If any one or more of the covenants or agreements, or portions thereof, provided in this Resolution should be contrary to law, then such covenant or covenants, such agreement or agreements or such portions thereof, shall be null and void and shall be deemed separable from the remaining covenants and agreements or portions thereof and shall in no way affect the validity of this Resolution or of the Bonds.

SECTION 10.08. Headings and Index. Any headings preceding the texts of the several articles hereof and any table of contents appended to copies hereof shall be solely for convenience of reference and shall not constitute a part of this Resolution, nor shall they affect its meaning, construction or effect.

SECTION 10.09. Covenants Not to Be Deemed Covenants of Any Present or Future Officer, Agent or Employee of University. All covenants, stipulations, obligations and agreements of the University contained in this Resolution shall be deemed to be covenants, stipulations, obligations and agreements of the University to the full extent authorized by law and permitted by the Constitution of the State of Illinois, and no covenants, stipulations, obligations or agreements

contained herein shall be deemed to be a covenant, stipulation, obligation or agreement of any present or future officer, agent or employee of the University in his individual capacity, and no officer executing the Bonds shall be liable personally on the Bonds or be subject to any personal liability or accountability by reason of the issue thereof. No officer, agent or employee of the University shall incur any personal liability in acting or proceeding or in not acting or not proceeding in good faith, reasonably and in accordance with the terms of this Resolution and applicable law.

SECTION 10.10. Resolution Effective on Passage. This Resolution shall become effective upon its passage.

APPOINTMENT OF ASSISTANT TREASURER OF THE BOARD OF TRUSTEES

Mr. Swain offered the following resolution and moved its adoption:

Resolved by the Board of Trustees of the University of Illinois that pursuant to Section 3 of Article V of the By-Laws of this Board of Trustees the office of Assistant Treasurer be and the same is hereby created and that George H. Bargh be and he is hereby appointed as Assistant Treasurer of this Board of Trustees to have all the authority, powers, and duties of the Treasurer during any period of time when the Treasurer is unavailable or unable to act, and, in general, perform all such other duties as shall be assigned to him by the Treasurer or by this Board of Trustees, this appointment to be until further notice.

The foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes,¹ Mr. Johnston, Mr. Kerner, Mr. Wilkins.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) cancellations, declinations, and resignations; (4) leaves of absence; (5) retirements.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ALBERS, HENRY, Assistant Professor of Astronomy, June 19-August 12, 1961, \$2,000 (4-27-61).

APPLEGATE, SHELTON P., Instructor in Biological Sciences (Chicago Undergraduate Division), Summer Session of 1961, June 23 through August 18, 1961, \$1,156 for the period, supersedes previous Summer Session appointment (4-22-61).

BARRON, SAMUEL H., Clinical Assistant Professor of Pediatrics (Medicine), five months from April 1, 1961, without salary (4-22-61).

BARTLE, ROBERT G., Research Associate Professor of Mathematics, two months from June 16, 1961, \$2,111.10; this is in addition to his present appointment (4-28-61).

BARTRAM, HARLAN G. H., Research Assistant Professor of Education (University High School), August 14-25, 1961, \$441.67; this is in addition to his present appointment (4-28-61).

BEALS, ROBERT J., Associate Professor of Ceramic Engineering (S), full time, June 16-July 15, 1961, \$944.44 a month, and ½ time, July 16-August 15, 1961, \$472.22 a month; this is in addition to his present appointment (4-26-61).

BERGQUIST, JAMES M., Visiting Lecturer in Social Sciences (Chicago Undergraduate Division), Summer Session of 1961, ¾ time, June 23-August 18, 1961, \$741 for the period (4-22-61).

BIEBER, CHARLES L., Visiting Lecturer in Geology, Summer Session of 1961, ¾ time, August 14-September 9, 1961, \$875 for the period (4-26-61).

¹ Mr. Hughes was temporarily absent from the meeting when this vote was taken.—Secretary's Note.

- BLUEMEL, VAN F. W., Research Assistant in Physics (C), two months from June 16, 1961, \$444 a month (4-26-61).
- BRANDABUR, EDWARD J., Instructor in English, academic year beginning September 1, 1961, \$6,000 (4-28-61).
- BROWN, ROBERT C., Assistant in the Institute of Aviation, June 19-August 12, 1961, \$500 a month (4-26-61).
- BUBLITZ, DONALD E., Research Associate in Chemistry, five months from April 1, 1961, \$464.17 a month (4-26-61).
- CAROZZI, ALBERT V., Research Professor of Geology, June 19-August 12, 1961, \$2,555; this is in addition to his present appointment (4-28-61).
- CASTEN, CHRIS P., Research Assistant in Oral Pathology (Dentistry), five months from April 1, 1961, \$500 a month, supersedes (4-22-61).
- CHAMBERLAIN, ROBERT L., Instructor in English, $\frac{2}{3}$ time, academic year beginning September 1, 1961, \$4,000 (4-28-61).
- DAUBS, EDWIN H., Assistant in Botany, Summer Session of 1961, June 24-September 9, 1961, \$500 a month (4-26-61).
- DAY, MAHLON M., Professor of Mathematics, two months from June 16, 1961, \$1,722.22 a month; this is in addition to his present appointment (4-28-61).
- DEWAN, EDMUND, Assistant in Education (University High School), June 19-August 12, 1961, \$888.88 (4-27-61).
- DOBROVOLNY, JERRY S., Professor of General Engineering and Head of the Department (C), two months from June 16, 1961, \$1,222 a month; this is in addition to his present appointment (5-4-61).
- DOHM, CAROLE E., Assistant in Nursing, March 13-August 31, 1961, \$5,500 a year (4-11-61).
- DOUDNA, JO ANN M., Visiting Lecturer in Education, Summer Session of 1961, June 19-August 12, 1961, \$1,300 for the period (4-26-61).
- DWORSCHAK, FRIEDRICH, Research Associate in Physics (C), April 15-August 31, 1961, \$600 a month (4-10-61).
- ETTER, DONALD E., Research Assistant in the State Water Survey, two months from May 1, 1961, \$500 a month, supersedes (4-22-61).
- EVANS, CLARYCE L., Assistant in Education (University High School), June 19-August 12, 1961, \$888.88 (4-27-61).
- FARRELL, ROGER H., Research Associate in the Digital Computer Laboratory, June 15-August 31, 1961, \$600 a month (4-22-61).
- FRAENKEL, GOTTFRIED S., Professor of Entomology, two months from June 16, 1961, \$1,394.44 a month; this is in addition to his present appointment (4-28-61).
- FRIEDBERG, ARTHUR L., Professor of Ceramic Engineering (S), two months from June 16, 1961, \$1,305.55 a month; this is in addition to his present appointment (4-26-61).
- GADDY, OSCAR, Research Assistant in Electrical Engineering (S), five months from April 1, 1961, \$450 a month, supersedes (4-22-61).
- GAGE, NATHANIEL L., Professor of Education, Bureau of Educational Research, and Professor of Psychology, indefinite tenure from February 1, 1961, \$14,350 a year, supersedes (4-10-61).
- GRAF, WILLIAM, Assistant Professor of Engineering (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$1,623 for the period (4-26-61).
- GRAZIANO, ANTHONY F., Research Associate in Mining and Metallurgical Engineering (C), five months from April 1, 1961, \$9,000 a year (4-10-61).
- HACKETT, BRIAN, Professor of Landscape Architecture, Department of City Planning and Landscape Architecture, indefinite tenure from March 1, 1961, to render service during each academic year, \$15,000 a year, supersedes (3-17-61).
- HAGNER, ARTHUR F., Professor of Geology, Summer Session of 1961, $\frac{1}{4}$ time, June 24-August 12, 1961, \$1,750 for the period (4-26-61).
- HELMS, LESTER L., Research Assistant Professor of Mathematics, two months from June 16, 1961, \$833.33 a month; this is in addition to his present appointment (4-28-61).
- HENDERSON, DONALD M., Research Associate Professor of Geology, June 19-August 12, 1961, \$1,867; this is in addition to his present appointment (4-28-61).

- JACKSON, JOSEPH F., Professor of French, 32/100 time, June 17-August 12, 1961, \$850; this is in addition to his present appointment (4-17-61).
- JOHNSON, DICK H., Spectroscopist in the Department of Chemistry and Chemical Engineering, April 10-August 31, 1961, \$416.66 a month (5-2-61).
- JOHNSON, HERMAN J., Associate Professor of Physics (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$1,756 for the period (4-22-61).
- KAISER, HENRY F., Associate Professor of Education, Bureau of Educational Research, and Associate Professor of Psychology, indefinite tenure from February 1, 1961, \$10,850 a year, supersedes (4-10-61).
- KATHAN, RALPH, Research Associate in Biological Chemistry (Medicine), March 23-August 31, 1961, \$625 a month, supersedes (4-22-61).
- KERMAN, RALPH O., Visiting Lecturer in Physics, Summer Session of 1961, June 19-August 12, 1961, \$2,500 for the period (4-26-61).
- KERR, WILLIAM D., Supervisor of Testing and Counseling, and Instructor in Psychology in Extension (Extension Division), one year from September 1, 1961, \$8,000 (4-17-61).
- KINNEY, PAUL T., Assistant Professor of Finance, June 16-July 3, 1961, and September 6-15, 1961, \$900 a month; this is in addition to his present appointment (4-28-61).
- KIRK, SAMUEL A., Professor of Education and of Psychology, indefinite tenure, and Director of the Institute for Research on Exceptional Children, February 1-August 31, 1961, \$17,600 a year, supersedes (4-10-61).
- KLAPPERICH, ALFRED J., Assistant Professor of Engineering (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$1,645 for the period (4-26-61).
- KLEIN, KURT, Assistant Professor of Russian, Summer Session of 1961, ½ time, June 19-August 12, 1961, \$834 for the period (4-17-61).
- KRIZAN, THOMAS F., Assistant Professor of Physical Education for Men, ¾ time, June 19-August 12, 1961, \$939; this is in addition to his present appointment (4-11-61).
- KUGEL, ERHARD G., Visiting Lecturer in Education, Summer Session of 1961, June 19-August 12, 1961, \$1,200 for the period (4-26-61).
- LEAF, GARY K., Research Assistant in Mathematics, two months from June 16, 1961, \$444.44 a month (4-17-61).
- LEE, RONALD, Research Associate in the Coordinated Science Laboratory (C), five months from April 1, 1961, \$575 a month (4-22-61).
- LEIN, MARIE E., Associate Professor of Foreign Languages (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$1,778 for the period, supersedes previous Summer Session appointment (4-22-61).
- LUTON, JOSEPH M., JR., Assistant in the Institute of Aviation, June 19-August 12, 1961, \$450 a month (4-26-61).
- MARTINEZ, RAFAEL V., Instructor in Foreign Languages (Chicago Undergraduate Division), ¼ time, February 1-June 30, 1961, to render service during the second semester of the academic year, \$160 a month, supersedes (4-17-61).
- MAURER, CHARLES B., Assistant in Foreign Languages (Chicago Undergraduate Division), nine months from September 16, 1961, \$5,000 (4-27-61).
- MEISSEN, MARVIN F., Assistant in Soil Fertility (Agronomy) (S), June 16-August 31, 1961, \$416.67 a month (4-17-61).
- MERMALL, HUNTER L., Research Assistant in Preventive Medicine (Medicine), April 15-August 31, 1961, \$537.50 a month (4-22-61).
- METZGER, WILLIAM I., Research Associate in Preventive Medicine (Medicine), one year from September 1, 1961, without salary (4-22-61).
- MONTOMERY, GERALD G., Research Associate in the State Natural History Survey, four months from May 1, 1961, \$490 a month (4-17-61).
- MORRE, D. M., Research Assistant in Geology, June 19-August 12, 1961, \$845 (4-27-61).
- MUELLER, THOMAS J., Research Associate in Mechanical Engineering (C), ¼ time, April 1-June 15, 1961, \$333.33 a month (4-10-61).
- MYERS, ALBERT E., Instructor in Psychology, ½ time, April 1-June 15, 1961, \$166.67 a month, supersedes (4-26-61).
- NAKANISHI, NORIHIKO, Research Associate in Mining and Metallurgical Engineering (C), two months from June 16, 1961, \$583.33 a month; and one year from September 1, 1961, \$7,000 (4-27-61).

- OLSON, ROY E., Assistant Professor of Civil Engineering, Summer Session of 1961, $\frac{1}{2}$ time, June 19-August 12, 1961, \$700 for the period (4-28-61).
- PACHMUS, TEMIRA, Instructor in Russian, Summer Session of 1961, June 19-August 12, 1961, \$1,445 for the period (4-17-61).
- PENNIMAN, WILLIAM D., Editorial Assistant in the Engineering Experiment Station, two months from June 16, 1961, \$444.44 a month (4-26-61).
- PICKER, MARTIN, Instructor in Music, Summer Session of 1961, $\frac{1}{2}$ time, June 19-August 12, 1961, \$645 for the period (4-26-61).
- PILKANIS, WILLIAM J., Assistant in German, Summer Session of 1961, June 19-August 12, 1961, \$845 for the period (4-17-61).
- PRINCE, LOUISE, Head Resident, Lincoln Avenue Residence (North), three months from April 1, 1961, \$440 a month; for the convenience of the University, she will also receive an apartment and meals while the dining rooms are in operation, valued at \$31 a month, supersedes (4-17-61).
- PUTMAN, VIRGINIA H., Visiting Lecturer in Education, Summer Session of 1961, July 17-August 12, 1961, \$700 for the period (4-17-61).
- RACK, LEONARD, Clinical Instructor in Psychiatry (Medicine), five months from April 1, 1961, without salary (4-22-61).
- RAFF, MURNA J., Assistant in Electrical Engineering (C), April 1-June 15, 1961, \$444.44 a month (4-17-61).
- RAO, C. R., Research Assistant in Mathematics, two months from June 16, 1961, \$444.44 a month (4-17-61).
- RAO, M. BHIMASENA, Assistant in Food Technology (S), six months from March 1, 1961, \$4,800 a year, supersedes (4-22-61).
- RIVENBARK, WILLIAM L., Research Associate in Plant Physiology (Agronomy) (S), five months from April 17, 1961, \$500 a month (4-10-61).
- ROSLANSKY, MRS. PRISCILLA F., Research Associate in Chemistry, $\frac{1}{2}$ time, one year from September 1, 1961, \$3,400 (4-28-61).
- ROYSTER, RICHARD S., Assistant Professor of General Engineering (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$1,645 for the period (4-26-61).
- RUGGIE, ALEXANDER N., Clinical Assistant Professor of Medicine (Medicine), six months from March 1, 1961, without salary, supersedes salaried appointment (4-10-61).
- SCHYEYER, FREDERICK D., Assistant in the Institute of Aviation, June 19-August 12, 1961, \$450 a month (4-26-61).
- SCHWARZLOSE, PAUL F., Professor of Electrical Engineering, Department of Ceramic Engineering (S), two months from June 16, 1961, \$1,111.11 a month; this is in addition to his appointment as Professor of Electrical Engineering, Department of Electrical Engineering (4-26-61).
- SKAFF, MICHAEL S., Research Assistant in Mathematics, two months from June 16, 1961, \$444.44 a month (4-17-61).
- SMITH, HALBERT C., JR., Assistant in Finance, two months from June 16, 1961, \$422 a month (4-27-61).
- SPINOSA, FRANK, Visiting Artist in Music, Summer Session of 1961, $\frac{1}{3}$ time, June 19-August 12, 1961, \$282 for the period (4-26-61).
- STEEFEL, NINA M., Research Associate in Education (University High School), June 19-August 12, 1961, \$1,133.33; this is in addition to her present appointment (4-28-61).
- STORCH, RICHARD H., Research Assistant in Entomology, two months from June 16, 1961, \$400 a month (4-17-61).
- STREHLOW, ROGER A., Professor of Aeronautical Engineering (C), indefinite tenure from September 1, 1961, to render service during each academic year, \$12,000 a year (4-26-61).
- STROUT, ROSS P., Associate Professor of Mechanical Engineering, Summer Session of 1961, $\frac{1}{2}$ time, June 19-August 12, 1961, \$889 for the period (4-26-61).
- SWENSON, ROBERT H., Professor of Music, Summer Session of 1961, $\frac{1}{2}$ time, June 19-August 12, 1961, \$1,034 for the period (4-26-61).
- TOTTEN, STANLEY M., Research Assistant in Geology, two months from July 1, 1961, \$444.50 a month (4-10-61).
- VALEN, HENRY, Visiting Lecturer in Political Science, five months from September 1, 1961, to render service during the first semester of the academic year, \$1,200 a month (4-27-61).

- VARZANDEH, MASSOUD, Research Assistant in Economic Entomology (State Natural History Survey), five months from April 1, 1961, \$416.67 a month (4-11-61).
- VOGEL, WADE W., Assistant in the Institute of Aviation, June 19-August 12, 1961, \$450 a month (4-26-61).
- VORBECK, JOSEPH F., Assistant in the Institute of Aviation, June 19-August 12, 1961, \$500 a month (4-26-61).
- WACHSMAN, JOSEPH T., Assistant Professor of Microbiology, two months from June 16, 1961, \$777.77 a month; this is in addition to his present appointment (4-28-61).
- WALLACE, WILLIAM H., Assistant in Finance, two months from June 16, 1961, \$422 a month (4-27-61).
- WIED, DAGA M., Clinical Instructor in Psychiatry (Medicine), $\frac{1}{4}$ time, five months from April 1, 1961, \$258.33 a month, supersedes nonsalaried appointment (4-11-61).
- WILLNER, ERNEST S., Associate Professor of Foreign Languages (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$1,823 for the period, supersedes previous Summer Session appointment (4-22-61).
- WILMS, ERNEST V., Research Assistant in Theoretical and Applied Mechanics (C), April 1-June 15, 1961, \$533.33 a month, supersedes (4-11-61).
- WYATT, STANLEY P., JR., Associate Professor of Astronomy, June 19-August 12, 1961, \$2,056; this is in addition to his present appointment (4-28-61).
- YASIN, KHALID M., Research Assistant in Theoretical and Applied Mechanics (C), April 1-June 15, 1961, \$466.67 a month, supersedes (4-12-61).
- YUSEM, MILTON, Research Associate in Clinical Science (Medicine), six months from March 1, 1961, \$7,200 a year, supersedes (4-22-61).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- ABRAMSON, AMY F., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1961, \$1,800 (4-13-61).
- ADAMS, RUBY L. F., General Foods Fellow in Home Economics, nine months from September 16, 1961, \$3,000 (4-1-61).
- ADKINS, RICHARD W., Engineering Faculty Development Teaching Fellow in Mechanical Engineering, one year from September 1, 1961, \$1,750 (4-6-61).
- AHRENKIEL, RICHARD K., National Science Foundation Cooperative Fellow in Physics, one year from June 1, 1961, \$2,200 (4-26-61).
- ALLEN, DAVID T., Teaching Fellow in Chemistry, nine months from September 16, 1961, \$1,000 (4-1-61).
- ANDERSON, GERALD I., Summer Fellow in Architecture, two months from June 16, 1961, \$350 (4-18-61).
- ANDERSON, SONIA R., National Science Foundation Cooperative Fellow in Chemistry, nine months from September 1, 1961, \$1,650 (4-26-61).
- APPL, FRANKLIN J., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).
- ASPINES, DAVID E., Fellow in Physics, nine months from September 16, 1961, \$1,650 (4-1-61).
- BAFUS, DONALD A., National Science Foundation Summer Fellow in Chemistry, June 16-September 8, 1961, \$900 (4-26-61).
- BARRETT, WILLIAM B., Summer Fellow in Accountancy, two months from June 16, 1961, \$350 (4-18-61).
- BARTHOLOMEW, CHARLES L., California Company Fellow in Civil Engineering, nine months from September 16, 1961, \$2,000 (4-18-61).
- BASS, JACK, Haloid Xerox Fellow in Physics, nine months from September 16, 1961, \$2,000 (5-1-61).
- BEELER, VIVIAN, JR., Summer Fellow in Geography, two months from June 16, 1961, \$350 (4-18-61).
- BENNETT, THOMAS J., Fellow in Political Science, nine months from September 16, 1961, \$1,500 (4-1-61).
- BEYER, CLAES G. L., Fellow in Law, nine months from September 16, 1961, \$2,000 (4-1-61).

- BEYLE, THAD L., Summer Fellow in Political Science, two months from June 16, 1961, \$350 (4-18-61).
- BINNING, BRIAN R., Fellow in Architecture, nine months from September 16, 1961, \$1,500 (4-1-61).
- BIRN, MRS. RANDI M., Summer Fellow in French, two months from June 16, 1961, \$350 (4-18-61).
- BLAIR, ALEXANDER M., Fellow in Geography, nine months from September 16, 1961, \$1,500 (4-1-61).
- BLAKE, J. BERNARD, Texas Instruments Foundation Fellow in Physics, nine months from September 16, 1961, \$2,000 (4-25-61).
- BLUCK, BRIAN J., Fellow in Geology, nine months from September 16, 1961, \$3,600 (4-12-61).
- BRAMSEN, JOHN D., Teaching Fellow in Mathematics, nine months from September 16, 1961, \$1,000 (4-1-61).
- BROOKS, ALFRED G., Summer Fellow in Speech, two months from June 16, 1961, \$350 (4-18-61).
- BUTTON, ALLEN C., Roger Adams Fellow in Chemistry, nine months from September 16, 1961, \$2,000 (4-1-61).
- CAMPBELL, JOHN M., Summer Fellow in Entomology, two months from June 16, 1961, \$350 (4-18-61); and Teaching Fellow in Entomology, nine months from September 16, 1961, \$1,000 (4-1-61).
- CARLSON, DONALD E., National Science Foundation Summer Fellow in Theoretical and Applied Mechanics, June 16-August 11, 1961, \$600 (4-26-61).
- CARLSON, ROBERT L., General Electric Foundation Fellow in Chemistry, nine months from September 16, 1961, \$2,500 (4-1-61).
- CARMEAN, STEPHEN L., Summer Fellow in Psychology, two months from June 16, 1961, \$350 (4-18-61).
- CARNIGHAN, ROBERT H., National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1961, \$2,200 (4-26-61).
- CASTELLANO, CHARLES R., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).
- CHANG, C. Y., Fellow in Civil Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).
- CHEN, WAI-KAI, Fellow in Electrical Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- CHERRINGTON, BLAKE E., Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1961, \$2,000 (4-12-61).
- CLARK, EVA L., Teaching Fellow in Chemistry, nine months from September 16, 1961, \$1,000 (4-1-61).
- CLARK, HERBERT J., Summer Fellow in Psychology, two months from June 16, 1961, \$350 (4-18-61); and Fellow in Psychology, nine months from September 16, 1961, \$1,500 (4-1-61).
- CLARK, WILLIAM A. V., Teaching Fellow in Geography, nine months from September 16, 1961, \$1,000 (4-1-61).
- CLAVELLE, RICHARD F., Fellow in the Classics, nine months from September 16, 1961, \$1,500 (4-1-61).
- COATES, DAVID E., Engineering Faculty Development Teaching Fellow in Nuclear Engineering, one year from September 1, 1961, \$2,000 (4-6-61).
- COFFEY, ROBERT E., Teaching Fellow in Business, nine months from September 16, 1961, \$1,000 (4-1-61).
- COHEN, LEONARD S., Union Carbide Corporation (Visking) Fellow in Chemical Engineering, nine months from September 16, 1961, \$2,100 (4-6-61).
- COLLINS, JACQUELIN, Summer Fellow in History, two months from June 16, 1961, \$350 (4-18-61).
- COULTER, WILLIAM R., Summer Fellow in History, two months from June 16, 1961, \$350 (4-18-61).
- COVERDALE, CHARLES E., Summer Fellow in Chemistry, two months from June 16, 1961, \$350 (4-18-61); and Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- COX, KEVIN R., Fellow in Geography, nine months from September 16, 1961, \$1,500 (4-1-61).
- CRILEY, BRUCE B., National Science Foundation Summer Fellow in Zoology, June 16-September 8, 1961, \$900 (4-26-61).

- CRITTENDEN, BRIAN S., Fellow in Education, February 1-June 15, 1962, \$750 (4-10-61).
- CROSS, JOHN S., Summer Fellow in Mathematics, two months from June 16, 1961, \$350 (4-18-61).
- CUNNINGHAM, RICHARD E., Summer Fellow in English, two months from June 16, 1961, \$350 (4-18-61).
- DACHOWSKI, LAWRENCE W., Summer Fellow in Psychology, two months from June 16, 1961, \$350 (4-18-61).
- DAVIS, DANIEL J., Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).
- DISKIN, MORDECHAI H., Fellow in Civil Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- DONOVAN, DENNIS G., Summer Fellow in English, two months from June 16, 1961, \$350 (4-18-61).
- DONKAMP, JOHN H., Summer Fellow in English, two months from June 16, 1961, \$350 (4-18-61).
- DOUGLAS, STEVE A., Teaching Fellow in Political Science, nine months from September 16, 1961, \$1,000 (4-1-61).
- DRAKE, KENNETH O., Teaching Fellow in Music, nine months from September 16, 1961, \$1,000 (4-1-61).
- ENDICOTT, JOHN S., Fellow in Civil Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- FARVOLDEN, ROBERT N., Fellow in Geology, nine months from September 16, 1961, \$2,000 (4-1-61).
- FITCHEN, DOUGLAS B., Union Carbide Corporation Fellow in Physics, nine months from September 16, 1961, \$2,100 (5-1-61).
- FRAZER, W. DONALD, Fellow in the Digital Computer Laboratory, nine months from September 16, 1961, \$1,500 (4-1-61).
- FREED, JAMES M., Fellow in Physiology, nine months from September 16, 1961, \$1,500 (4-1-61).
- FULLAGAR, PAUL D., Fellow in Geology, nine months from September 16, 1961, \$1,500 (4-1-61).
- GEIL, WILMA J., Fellow in Music, nine months from September 16, 1961, \$2,000 (4-1-61).
- GEORGE, JAMES E., Summer Fellow in Chemistry, two months from June 16, 1961, \$350 (4-18-61).
- GOLDMAN, BARBARA E., Fellow in Music, nine months from September 16, 1961, \$1,500 (4-1-61).
- GOLIK, RAYMOND J., Engineering Faculty Development Teaching Fellow in Mechanical Engineering, September 16, 1961-January 31, 1962, \$1,000 (4-6-61).
- GOODALL, LEONARD E., Kendric C. Babcock Fellow in Political Science, nine months from September 16, 1961, \$1,800 (4-1-61).
- GOVINDJEE, MRS. RAJNI, United States Public Health Service Postdoctoral Fellow (Trainee) in the Biophysics Division of School of Life Sciences, one year from September 1, 1961, \$6,000 (4-20-61).
- GRAY, RALPH D., Summer Fellow in History, two months from June 16, 1961, \$350 (4-18-61).
- GRIMM, CLYDE L., JR., Summer Fellow in English, two months from June 16, 1961, \$350 (4-18-61).
- GROSSMAN, MARVIN W., Fellow in Mathematics, nine months from September 16, 1961, \$1,650 (4-1-61).
- GUBER, ALBERT L., National Science Foundation Summer Fellow in Geology, June 16-September 8, 1961, \$900 (4-26-61).
- GUELICK, ROBERT A., Wheaton College Fellow in the Classics, nine months from September 16, 1961, \$1,500 (4-1-61).
- GULATI, BODH R., Summer Fellow in Mathematics, two months from June 16, 1961, \$350 (4-18-61).
- HADLEY, ELMER B., National Science Foundation Summer Fellow in Botany, June 16-September 8, 1961, \$900 (4-26-61).
- HAFFEE, JOSEPH C., Raytheon Manufacturing Company Fellow in Physics, nine months from September 16, 1961, \$2,300 (5-1-61).
- HARRISON, WILLARD W., Drug and Chemical Industry Summer Fellow in Chemistry, two months from June 16, 1961, \$500 (4-14-61).

- HARTMAN, ROBERT D., Summer Fellow in Education, two months from June 16, 1961, \$350 (4-18-61).
- HAYNES, RAYMOND R., Allied Chemical Corporation Fellow in Chemistry, nine months from September 16, 1961, \$2,000 (4-1-61).
- HEIDORN, ROBERT D., Summer Fellow in Political Science, two months from June 16, 1961, \$350 (4-18-61); and Fellow in Political Science, nine months from September 16, 1961, \$1,500 (4-1-61).
- HELLER, CHARLES F., JR., Summer Fellow in Geography, two months from June 16, 1961, \$350 (4-18-61).
- HENRY, CHARLES H., National Science Foundation Cooperative Fellow in Physics, one year from June 16, 1961, \$2,200 (4-26-61).
- HERMANN, ANITA L., Fellow in Education, nine months from September 16, 1961, \$1,500 (4-1-61).
- HILL, HOWARD W., Teaching Fellow in Ceramic Engineering, nine months from September 16, 1961, \$1,000 (4-1-61).
- HINMAN, EUGENE J., Fellow in Electrical Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- HOFFMAN, MRS. GLORIA L., Summer Fellow in Home Economics, two months from June 16, 1961, \$350 (4-18-61).
- HOLMGREEN-OLSEN, AGNETE, Fellow in Law, nine months from September 16, 1961, \$1,500 (4-1-61).
- HOLTZ, ROBERT E., The Trane Company Fellow in Mechanical Engineering, nine months from September 16, 1961, \$1,750 (4-6-61).
- HOUCHEMS, ALBERT F., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).
- HOWALD, EMILY S., Fellow in Advertising, nine months from September 16, 1961, \$1,500 (4-1-61).
- HSIAO, THEODORE C., Wright Fellow in Agronomy, nine months from September 16, 1961, \$1,500 (4-1-61).
- HUDNALL, CLAYTON E., Fellow in English, nine months from September 16, 1961, \$1,500 (4-1-61).
- HUFFAKER, DONALD C., Engineering Faculty Development Teaching Fellow in Theoretical and Applied Mechanics, one year from September 1, 1961, \$2,000 (4-6-61).
- HUGHES, GEORGE M., Summer Fellow in Geology, two months from June 16, 1961, \$350 (4-18-61).
- HUNTER, JOHN E., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1961, \$1,800 (4-1-61).
- HUTCHISON, JOHN J., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- IKEDA, HIROSHI, Fellow in Education, nine months from September 16, 1961, \$1,500 (4-1-61).
- INTERRANTE, LEONARD V., National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1961, \$2,200 (4-26-61).
- JARMAY, ELISABETH, Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- JEFFERSON, LOUISE M., Summer Fellow in French, two months from June 16, 1961, \$350 (4-18-61).
- JENKINSON, JUDY M., Fellow in French, nine months from September 16, 1961, \$1,500 (4-1-61).
- JIRSA, JAMES O., Fellow in Civil Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- JOESTEN, MELVIN D., United States Rubber Company Fellow in Chemistry, nine months from September 16, 1961, \$2,100 (4-1-61).
- JOHNSON, B. ROBERT, Convair Fellow in Physics, nine months from September 16, 1961, \$2,000 (5-1-61).
- JOHNSON, ROBERT C., Summer Fellow in English, two months from June 16, 1961, \$350 (4-18-61).
- JOHNSON, WILLIAM H., National Science Foundation Summer Fellow in Geology, June 16-September 8, 1961, \$900 (4-26-61); and Fellow in Geology, nine months from September 16, 1961, \$1,500 (4-1-61).
- JONES, MARY L., Summer Fellow in Spanish, two months from June 16, 1961, \$350 (4-18-61).

- JONES, ROBERT M., National Science Foundation Cooperative Fellow in Civil Engineering, nine months from September 1, 1961, \$1,650 (4-26-61).
- KAIN, MARGARET A., Summer Fellow in Botany, two months from June 16, 1961, \$350 (4-18-61).
- KAMINSKY, MURIEL, Summer Fellow in Anthropology, two months from June 16, 1961, \$350 (4-18-61).
- KANAMARU, SHIRO, Fellow in Marketing, nine months from September 16, 1961, \$1,500 (4-1-61).
- KARDOS, JOHN L., Fellow in Chemical Engineering, nine months from September 16, 1961, \$1,650 (4-1-61).
- KARLIN, ARTHUR D., Fellow in Accountancy, nine months from September 16, 1961, \$1,500 (4-1-61).
- KARNER, FRANK R., National Science Foundation Summer Fellow in Geology, June 16-September 8, 1961, \$900 (4-26-61).
- KERSCHULL, HARVEY G., Fellow in Political Science, nine months from September 16, 1961, \$1,500 (4-1-61).
- KELLY, THOMAS, Fellow in History, nine months from September 16, 1961, \$1,500 (4-1-61).
- KENNEDY, EDWARD D., Fellow in English, nine months from September 16, 1961, \$1,500 (4-1-61).
- KIESO, DONALD E., Summer Fellow in Accountancy, two months from June 16, 1961, \$350 (4-18-61).
- KILLIAN, MRS. MARILYN R., Teaching Fellow in Music, nine months from September 16, 1961, \$1,000 (4-1-61).
- KIMBROUGH, JOE A., Summer Fellow in English, two months from June 16, 1961, \$350 (4-18-61).
- KIMBROUGH, MRS. MARY A. B., Summer Fellow in French, two months from June 16, 1961, \$350 (4-18-61).
- KITAHARA, MICHIO, Fellow in Anthropology, nine months from September 16, 1961, \$1,500 (4-1-61).
- KLASSEN, FRANK H., Summer Fellow in Education, two months from June 16, 1961, \$350 (4-18-61).
- KLEIN, RICHARD M., Dow Chemical Company Fellow in Chemistry, nine months from September 16, 1961, \$1,800 (4-1-61).
- KIEWER, KENNETH L., United States Steel Foundation Fellow in Physics, nine months from September 16, 1961, \$2,100 (5-1-61).
- KUMPKA, DONNA M., Fellow in Library Science, nine months from September 16, 1961, \$1,500 (4-1-61).
- KOBAN, CHARLES, Summer Fellow in English, two months from June 16, 1961, \$350 (4-18-61).
- KORSH, JAMES F., Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).
- KRAMER, HERBERT, Fellow in City Planning, nine months from September 16, 1961, \$1,500 (4-1-61).
- LAMBERT, VIRGINIA A., Fellow in Art, nine months from September 16, 1961, \$1,500 (4-1-61).
- LAXBERG, GEORGE, National Science Foundation Summer Fellow in Mathematics, June 16-September 8, 1961, \$900 (4-26-61).
- LANGE, IRENE L., Fellow in Marketing, nine months from September 16, 1961, \$1,500 (4-1-61).
- LARSON, CARL S., Summer Fellow in Mechanical Engineering, two months from June 16, 1961, \$350 (4-18-61).
- LEAF, GARY K., National Science Foundation Summer Fellow in Mathematics, June 16-September 8, 1961, \$900 (4-26-61).
- LEAVY, JOHN M., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1961, \$1,800 (4-13-61).
- LEHMAN, JOHN C., Summer Fellow in Speech, two months from June 16, 1961, \$350 (4-18-61).
- LEWIS, ROBERT W., JR., Summer Fellow in English, two months from June 16, 1961, \$350 (4-18-61).
- LIDE, FRANCIS P., JR., Summer Fellow in German, two months from June 16, 1961, \$350 (4-18-61).

- LONG, WILLIAM H., Fellow in Geography, nine months from September 16, 1961, \$1,500 (4-1-61).
- MARCHIELE, DELWYN E., Summer Fellow in Chemistry, two months from June 16, 1961, \$350 (4-18-61).
- MARDEN, PHILIP W., Summer Fellow in Sociology, two months from June 16, 1961, \$350 (4-18-61).
- MARTIN, PRESTON K., Koppers Foundation Summer Fellow in Chemistry, two months from June 16, 1961, \$600 (4-14-61).
- MARTINO, FRANK, Summer Fellow in Physics, two months from June 16, 1961, \$350 (4-18-61).
- MCADAMS, H. H., JR., Summer Fellow in Physics, two months from June 16, 1961, \$350 (4-18-61).
- MCBRIDE, JOHN D., Teaching Fellow in English, nine months from September 16, 1961, \$1,000 (4-1-61).
- MCCONOCHIE, JEAN A., Summer Fellow in Speech, two months from June 16, 1961, \$350 (4-18-61).
- MCCORMICK, JAMES L., Fellow in Chemical Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).
- McKAY, DONALD E., JR., Summer Fellow in Chemistry, two months from June 16, 1961, \$350 (4-18-61).
- McMILLAN, MRS. JOYCE A., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- McMILLAN, WILLIAM L., National Science Foundation Cooperative Fellow in Physics, one year from September 1, 1961, \$2,200 (4-26-61).
- McMURRAY, WALTER J., Sinclair Research Laboratories Fellow in Chemistry, nine months from September 16, 1961, \$1,800 (4-1-61).
- McNUTT, MARTHA A., Fellow in Spanish, nine months from September 16, 1961, \$1,500 (4-1-61).
- MCQUEEN, WILLIAM A., Summer Fellow in English, two months from June 16, 1961, \$350 (4-18-61).
- MEINZER, RICHARD A., National Science Foundation Summer Fellow in Chemistry, June 16-September 8, 1961, \$900 (4-26-61).
- METHREN, CAROLE L., Summer Fellow in Sociology, two months from June 16, 1961, \$350 (4-18-61).
- MEYER, LUIS F., Fellow in Civil Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- MIDDAUGH, RICHARD L., National Science Foundation Summer Fellow in Chemistry, June 16-September 8, 1961, \$900 (4-26-61); and Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- MIECH, RONALD J., National Science Foundation Summer Fellow in Mathematics, June 16-September 8, 1961, \$900; and National Science Foundation Cooperative Fellow in Mathematics, one year from September 1, 1961, \$2,200 (4-26-61).
- MILLER, JAMES L., National Science Foundation Summer Fellow in Entomology, June 16-September 1, 1961, \$825 (4-26-61).
- MILOSH, JOSEPH E., JR., Summer Fellow in English, two months from June 16, 1961, \$350 (4-18-61).
- MISCHKE, RICHARD E., Fellow in Physics, nine months from September 16, 1961, \$1,650 (4-1-61).
- MOFFETT, ELIZABETH J., Summer Fellow in Linguistics, two months from June 16, 1961, \$350 (4-18-61).
- MONTGOMERY, DAVID C., Summer Fellow in Physics, two months from June 16, 1961, \$350 (4-18-61).
- MOORE, HAROLD W., Phillips Petroleum Company Fellow in Chemistry, nine months from September 16, 1961, \$2,000 (4-1-61).
- MOTIL, JOHN M., Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).
- MUSLINER, WALTER J., Summer Fellow in Chemistry, two months from June 16, 1961, \$350 (4-18-61); and Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- MYERS, NORMAN J., Teaching Fellow in Spanish, nine months from September 16, 1961, \$1,000 (4-1-61).
- NEYLON, EDWARD L., Summer Fellow in Music, two months from June 16, 1961, \$350 (4-18-61).

- NIEDZIELSKI, ROBERT J., National Science Foundation Summer Fellow in Chemistry, June 16-September 8, 1961, \$900 (4-26-61).
- NUSE, CHARLES J., Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).
- O'CONNELL, DANIEL C., National Science Foundation Cooperative Fellow in Psychology, one year from September 1, 1961, \$2,200 (4-26-61).
- O'FALLON, JOHN R., Summer Fellow in Physics, two months from June 16, 1961, \$350 (4-18-61).
- PAHEL, KENNETH R., Summer Fellow in Philosophy, two months from June 16, 1961, \$350 (4-18-61).
- PALETZ, MERRILL D., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1961, \$1,800 (4-21-61).
- PALMER, LEONARD L., Mathematics Institute Fellow in Mathematics, three months from March 16, 1961, \$1,450, supersedes; and two months from June 16, 1961, \$960, supersedes (4-19-61).
- PALMER, RICHARD A., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- PANNAM, CLIFFORD L., Summer Fellow in Law, two months from June 16, 1961, \$350 (4-18-61).
- PARK, LESLIE JANE, National Science Foundation Summer Fellow in Chemistry, June 16-August 11, 1961, \$600 (4-26-61).
- PASHINAK, DANIEL W., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1961, \$2,600 (4-25-61).
- PATEL, ARVINDKUMAR M., Fellow in Electrical Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- PAYETTE, GILLES, Fellow in Electrical Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- PEREZ-ALBUERNE, EVELIO A., Fellow in Chemical Engineering, nine months from September 16, 1961, \$1,650 (4-1-61).
- PERROTT, SANDRA J., General Foods Fellow in Home Economics, nine months from September 16, 1961, \$3,000 (4-1-61).
- PERRY, MARCIA A., Fellow in English, nine months from September 16, 1961, \$1,500 (4-1-61).
- PETROVICH, JOHN P., Summer Fellow in Chemistry, two months from June 16, 1961, \$350 (4-18-61).
- PHILBLAD, JAMES R., Teaching Fellow in Electrical Engineering, nine months from September 16, 1961, \$1,000 (4-1-61).
- PHILLIPS, EUGENE A., Summer Fellow in Economics, two months from June 16, 1961, \$350 (4-18-61).
- PICKENS, WILLIAM F., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- PISTERZI, MICHAEL J., Teaching Fellow in Electrical Engineering, nine months from September 16, 1961, \$1,000 (4-1-61).
- PLAMBECK, JAMES A., Summer Fellow in Chemistry, two months from June 16, 1961, \$350 (4-18-61).
- PLEVAN, ROBERT E., Fellow in Chemical Engineering, nine months from September 16, 1961, \$1,650 (4-1-61).
- POSTMA, THOMAS E., Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1961, \$2,000 (4-1-61).
- QUILTER, DANIEL E., Fellow in Spanish, nine months from September 16, 1961, \$1,500 (4-1-61).
- RAGSDALE, JAMES D., JR., Fellow in Speech, nine months from September 16, 1961, \$1,500 (4-1-61).
- RAGSDALE, JULIA A., Summer Fellow in French, two months from June 16, 1961, \$350 (4-18-61).
- RAINER, HANS, Fellow in Civil Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- RAM, RISHI, Fellow in Agronomy, nine months from September 16, 1961, \$1,500 (4-1-61).
- RANDALL, WILLIAM J., National Science Foundation Summer Fellow in Chemistry, June 16-September 8, 1961, \$900 (4-26-61).
- RANKIN, W. DONALD, Fellow in Music, nine months from September 16, 1961, \$1,500 (4-1-61).

- RAUSCH, PAUL J., Engineering Faculty Development Teaching Fellow in Theoretical and Applied Mechanics, one year from September 1, 1961, \$2,000 (4-6-61).
- RHODES, YORKE E., JR., Drug and Chemical Industry Summer Fellow in Chemistry, two months from June 16, 1961, \$500 (4-14-61); and Gillette-Toni Fellow in Chemistry, nine months from September 16, 1961, \$2,500 (4-1-61).
- RICHARDS, BONNITA M., General Foods Fellow in Home Economics, nine months from September 16, 1961, \$3,000 (4-1-61).
- RICKARD, THOMAS E., Summer Fellow in Education, two months from June 16, 1961, \$350 (4-18-61).
- RICKHOFF, WILLIAM L., Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1961, \$2,600 (4-1-61).
- RIGGS, ELLIOTT A., National Science Foundation Summer Fellow in Geology, June 16-September 8, 1961, \$900 (4-26-61).
- RIGGS, GEORGE T., Fellow in History, nine months from September 16, 1961, \$1,500 (4-1-61).
- ROBINSON, RAYMOND C., JR., Fellow in City Planning, nine months from September 16, 1961, \$1,500 (4-1-61).
- ROGERS, LEROY F., Wright Fellow in Agricultural Economics, nine months from September 16, 1961, \$1,500 (4-1-61).
- ROLEY, PAUL L., Fellow in History, nine months from September 16, 1961, \$1,500 (4-1-61).
- ROSEMAN, NORMAN, Summer Fellow in Education, two months from June 16, 1961, \$350 (4-18-61).
- ROSENFELD, SIDNEY, Summer Fellow in German, two months from June 16, 1961, \$350 (4-18-61).
- ROSENKRANTZ, WALTER A., National Science Foundation Cooperative Fellow in Mathematics, one year from June 16, 1961, \$2,200 (4-26-61).
- ROWE, JOHN W., JR., Summer Fellow in Economics, two months from June 16, 1961, \$350 (4-18-61).
- ROY, HEDLEY E. H., Fellow in Civil Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- RUBLEIN, GEORGE T., National Science Foundation Cooperative Fellow in Mathematics, one year from September 1, 1961, \$2,200 (4-26-61).
- RUSSELL, ROBB N., Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1961, \$2,000 (4-21-61).
- RUSSWURM, LORNE H., Teaching Fellow in Geography, nine months from September 16, 1961, \$1,000 (4-1-61).
- SANDERS, JOHN M., Summer Fellow in Law, two months from June 16, 1961, \$350 (4-18-61).
- SANTAS, CONSTANTINE, Knox College Fellow in English, nine months from September 16, 1961, \$1,500 (4-1-61).
- SANTOW, LEONARD J., Summer Fellow in Finance, two months from June 16, 1961, \$350 (4-18-61).
- SARWINSKI, RAYMOND J., Minnesota Mining and Manufacturing Company Fellow in Physics, nine months from September 16, 1961, \$2,000 (5-1-61).
- SCHULTZ, JOHN E., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- SCHWARTZ, SANDRA L., Summer Fellow in Philosophy, two months from June 16, 1961, \$350 (4-18-61).
- SCOGGINS, JAMES L., Summer Fellow in English, two months from June 16, 1961, \$350 (4-18-61).
- SGOUTAS, DEMETRIUS, Fellow in Food Technology, nine months from September 16, 1961, \$1,500 (4-1-61).
- SICA, PAOLO, Fellow in Architecture, nine months from September 16, 1961, \$2,000 (4-1-61).
- SIMS, LESLIE B., National Science Foundation Cooperative Fellow in Chemistry, one year from June 16, 1961, \$2,200 (4-26-61).
- SINE, ROBERT C., National Science Foundation Cooperative Fellow in Mathematics, one year from June 16, 1961, \$2,200 (4-26-61).
- SMITH, KENNETH N., Fellow in Civil Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- SPICER, LARRY D., National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1961, \$2,200 (4-26-61).

- SPITZER, ROBERT E., Fellow in Aeronautical Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- STADT, RONALD W., Summer Fellow in Education, two months from June 16, 1961, \$350 (4-18-61).
- STAMBAUGH, ROBERT L., National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1961, \$2,200 (4-26-61).
- STARNES, THOMAS C., JR., Fellow in German, nine months from September 16, 1961, \$1,500 (4-1-61).
- STEIN, ALLAN R., Summer Fellow in Chemistry, two months from June 16, 1961, \$350 (4-18-61).
- SU, JULIA K., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- SUTHERLAND, DANIEL W., Fellow in Mechanical Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- SWANSON, KARIN A., Fellow in Music, nine months from September 16, 1961, \$1,500 (4-1-61).
- SWEENEY, WILLIAM E., JR., Summer Fellow in Physics, two months from June 16, 1961, \$350 (4-18-61).
- SWOFFORD, HAROLD S., JR., Socony-Mobil Oil Company Fellow in Chemistry, nine months from September 16, 1961, \$2,000 (4-1-61).
- TEXTORIS, DANIEL A., Summer Fellow in Geology, two months from June 16, 1961, \$350 (4-18-61).
- THOMS, ROBERT L., Engineering Faculty Development Teaching Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1961, \$1,400 (4-6-61).
- TOBEY, ROBERT A., National Science Foundation Summer Fellow in Microbiology, June 16-September 8, 1961, \$900 (4-26-61).
- TOURELLE-LICHTENSTEIN, JEAN P., Fellow in Civil Engineering, nine months from September 16, 1961, \$1,500 (4-1-61).
- TREVES, VANNI E., Fellow in Law, nine months from September 16, 1961, \$1,500 (4-1-61).
- TSANG, FLORIS Y., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- TSUBAKI, ANDREW T., Fellow in Speech, nine months from September 16, 1961, \$1,500 (4-1-61).
- TUCKER, JOSEPH B., Summer Fellow in Political Science, two months from June 16, 1961, \$350 (4-18-61); and Kendrick C. Babcock Fellow in Political Science, nine months from September 16, 1961, \$1,800 (4-1-61).
- UEBEL, JACOB J., Sun Oil Company Fellow in Chemistry, nine months from September 16, 1961, \$2,300 (4-1-61).
- UECKER, FRANCIS A., National Science Foundation Summer Fellow in Botany, June 16-September 8, 1961, \$900 (4-26-61).
- UPPER, CHRISTEN D., Fellow in Chemistry, nine months from September 16, 1961, \$1,650 (4-1-61).
- UZGIRIS, MRS. INA C., Teaching Fellow in Psychology, nine months from September 16, 1961, \$1,000 (4-1-61).
- VISCO, ROBERT E., Electrochemical Society Summer Fellow in Chemistry, two months from June 16, 1961, \$800 (4-21-61).
- WAGNER, CURTIS A., National Science Foundation Cooperative Fellow in Physics, September 16, 1961-August 31, 1962, \$2,200 (4-26-61).
- WALKER, DONALD L., JR., Teaching Fellow in Landscape Architecture, nine months from September 16, 1961, \$1,000 (4-1-61).
- WALL, MARGARET L., Fellow in English, nine months from September 16, 1961, \$1,500 (4-1-61).
- WALTERS, JOHN P., Koppers Foundation Summer Fellow in Chemistry, two months from June 16, 1961, \$600 (4-14-61).
- WALTERS, WILLIAM B., National Science Foundation Summer Fellow in Chemistry, June 16-August 11, 1961, \$600 (4-26-61).
- WARD, WILLIAM J., III, Monsanto Chemical Company Fellow in Chemical Engineering, nine months from September 16, 1961, \$1,900 (4-1-61).
- WEBBER, WILDA R., Therese Garner Fellow in Political Science, nine months from September 16, 1961, \$1,800 (4-1-61).
- WEBER, CALVIN E., Fellow in Music, nine months from September 16, 1961, \$1,500 (4-1-61).

- WEDEKIND, GILBERT L., Teaching Fellow in Mechanical Engineering, nine months from September 16, 1961, \$1,000 (4-20-61).
- WHITTAKER, FREDERICK H., Summer Fellow in Zoology, two months from June 16, 1961, \$350 (4-18-61).
- WILDING, LAWRENCE P., Campbell Soup Company Fellow in Plant Sciences, nine months from September 16, 1961, \$2,400 (4-18-61).
- WILSON, WILLIAM E., III, Fellow in Geology, nine months from September 16, 1961, \$1,500 (4-1-61).
- WOLTER, KARL H., Fellow in Art, nine months from September 16, 1961, \$2,000 (4-1-61).
- WOODFORD, JOHN H., Summer Fellow in Architecture, two months from June 16, 1961, \$350 (4-18-61).
- WOOLLEY, DALE E., Summer Fellow in Speech, two months from June 16, 1961, \$350 (4-18-61).
- WRIGHT, RAMIL, Fellow in Geology, nine months from September 16, 1961, \$1,500 (4-1-61).
- WYZALEK, MONICA J., National Science Foundation Summer Fellow in Mathematics, June 16-September 8, 1961, \$900 (4-26-61).
- YATABE, JON M., Fellow in Chemical Engineering, nine months from September 16, 1961, \$1,650 (4-1-61).
- YOOK, WANSOON, Teaching Fellow in Dance, nine months from September 16, 1961, \$1,000 (4-1-61).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- BELLOWS, SYLVIA D., United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation in Education—resignation effective April 15, 1961.
- CARLSON, CLARENCE I., Professor of General Engineering (Chicago Undergraduate Division), Summer Session of 1961—declination effective June 23, 1961.
- COX, CLIFFORD E., Fellow in Chemistry—resignation effective May 1, 1961.
- DAVISSON, MELVIN T., Assistant Professor of Civil Engineering, Summer Session of 1961—declination effective June 19, 1961.
- ELBINGER, REBECCA L., Assistant Professor of Chemistry (Chicago Undergraduate Division)—resignation effective September 1, 1961.
- GOVINDJEE, Postdoctoral Fellow in Physiology-Biophysics—resignation effective May 16, 1961.
- GOVINDJEE, MRS. RAJNI, Research Assistant in Botany—resignation effective May 1, 1961.
- GRILLO, MARIA A., Research Associate in Animal Science—resignation effective May 13, 1961.
- HANDLEY, CHARLES A., National Institute of Mental Health Fellow (Trainee) in Social Work—resignation effective April 1, 1961.
- HRADEK, RICHARD W., Research Associate in Theoretical and Applied Mechanics—resignation effective May 21, 1961.
- JOHNSON, FALK S., Associate Professor of English (Chicago Undergraduate Division), Summer Session of 1961—resignation effective June 23, 1961.
- KELLOW, WILLIAM F., Associate Dean of the College of Medicine and Associate Professor of Medicine—resignation effective July 1, 1961.
- KOCH, HARRIET B., Instructor in Nursing—declination effective January 1, 1961.
- KRAUSE, RALPH M., Assistant Professor of Mathematics—resignation effective September 1, 1961.
- KUYPERS, JOHN M., Professor of Music—resignation effective February 1, 1961.
- LAMB, JOHN H., JR., Engineering Faculty Development Teaching Fellow in Civil Engineering—cancellation effective September 16, 1961.
- LASSLO, MRS. WILMA R., Serials Cataloger in the Library, with rank of instructor—resignation effective June 23, 1961.
- LENAU, CHARLES W., Research Associate in Theoretical and Applied Mechanics—cancellation effective September 1, 1961.
- LOHRER, ALICE, Associate Professor of Library Science, Summer Session of 1961—declination effective June 19, 1961.
- LYTTON, DALE F., Research Assistant in Sociology—resignation effective May 1, 1961.

- OLSEN, FURUZAN, Commerce and Sociology Library Assistant, with rank of Instructor—resignation effective July 1, 1961.
- PERKS, MRS. RUTH, Bibliographer in the Library, with rank of Instructor—resignation effective June 26, 1961.
- SCHULTZ, DONALD F., Research Assistant Professor of Biophysics, Department of Electrical Engineering—resignation effective April 1, 1961.
- SILVA, PAUL C., Associate Professor of Botany—resignation effective March 31, 1961.
- SROGEN, CLARA S., Instructor in Foreign Languages (Chicago Undergraduate Division), Summer Session of 1961—declination effective June 23, 1961.
- SMITH, ROBERT B., Instructor in Child Development and in Home Economics, Summer Session of 1961—declination effective June 19, 1961.
- STAFFORD, JOSEPH J., Research Assistant in Electrical Engineering—resignation effective May 23, 1961.
- WATKINS, PHILIP W., W. L. Burlison Fellow in Agronomy—resignation effective May 8, 1961.

LEAVES OF ABSENCE

- HERUM, FLOYD L., Assistant Professor of Agricultural Engineering, in the Agricultural Experiment Station and in the Extension Service in Agriculture and Home Economics—leave of absence, without pay, for one year from September 1, 1961, so that he may pursue graduate study at Purdue University.
- HUNTER, DONALD J., Research Associate in Agricultural Economics, in the Agricultural Experiment Station—leave of absence, with full pay, for six months from March 11, 1961, on account of disability.
- LEVINE, SOLOMON B., Professor of Labor and Industrial Relations—leave of absence, without pay, during the month of June, 1961, so that he may serve as Labor Adviser to the Asia Foundation on visits of Japanese labor union groups to the United States, on labor education activities in Japan, and on development of comparative research work in labor management relations.
- LOHRER, ALICE, Associate Professor of Library Science—leave of absence, without pay, for twelve months from September 1, 1961, so that she may accept an assignment from the American Association of School Librarians for a research project for the United States Office of Education.
- REEVES, ELIZABETH J., Instructor in Veterinary Anatomy and Histology, in the College of Veterinary Medicine—disability leave, without pay, from May 8 and continuing until September 1, 1961.
- SELTZER, ARTHUR O., Instructor in Economics, in the Chicago Undergraduate Division—extension of disability leave, with pay, for the first semester (through February 28, 1961), and leave, without pay, beginning March 1, 1961.

CHANGE IN SABBATICAL LEAVE OF ABSENCE

- MULLER, DAVID E., Research Professor of Mathematics, and of Applied Mathematics in the Digital Computer Laboratory—sabbatical leave of absence during 1961-62, changed from leave for the second semester, with full pay, to leave for the full academic year, on one-half pay.

DESIGNS OF NEW BUILDINGS

At this point, the President of the University requested the Board to examine the designs of the new buildings for the Colleges of Education and Commerce and Business Administration. The designs, including floor plans and scale models, were presented by Mr. C. S. Havens, Director of the Physical Plant, Mr. E. L. Stouffer, University Architect, and Mr. A. Richard Williams of the firm of Lundeen and Hilfinger, architects for these buildings.

Following these presentations and discussion, on motion of Mrs. Watkins, the Board approved the designs.

JUNE MEETING

Under the By-Laws of the Board, the next meeting of the Board is scheduled to be held on Wednesday, June 21, 1961. It was the consensus of the Board that this meeting be held in Urbana, at an hour

and place to be determined by the President and Secretary of the Board.

EXECUTIVE SESSION AND RECESS

On motion of Mrs. Watkins, an executive session was ordered, to be held in the afternoon, for consideration of recommendations relating to land acquisitions, patentable inventions, and appointments of personnel.

On motion of Mr. Swain, the Board recessed.

When the Board reconvened in executive session, the same members of the Board and officers of the University were present as recorded at the beginning of these minutes. The Board considered the following reports and recommendations:

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(1) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendations relating to inventions by members of the staff.

1. Logarithmically periodic zig-zag antenna — Paul E. Mayes, Associate Professor of Electrical Engineering, inventor. This antenna is a simple structure composed of elements made from conductors bent in a logarithmically periodic manner. The operation of the antenna is virtually independent of frequency.

Because of possible commercial value, it is recommended that this invention be released to the University of Illinois Foundation with due recognition of the contractual rights of the United States Air Force, the sponsoring agent.

2. Preparation of phosphonitrilic isothiocyanates and their derivatives — Ludwig F. Audrieth, Professor of Chemistry, and Rigobert J. A. Otto, formerly Research Assistant in Chemistry and Chemical Engineering, inventors. This is a novel procedure leading to new compositions of matter with possible usefulness as biologically active materials.

Because of possible commercial value, it is recommended that the rights of the invention be released to the University of Illinois Foundation with due recognition of the contractual rights of the United States Air Force, the sponsoring agent.

3. Counting layer — Lars E. Lofgren, Visiting Research Assistant Professor of Electrical Engineering, inventor. The purpose of the invention is to meet with the requirements of constructing a device that counts the number of disconnected objects, may it be bacterial cultures, blood cells or aircraft formations, and so forth, being projected on the sensory layer of the device, such that the desired number is generated instantaneously.

The University of Illinois Foundation reported that there is little likelihood of commercial value in this invention, and therefore, it is recommended that the rights be released to the inventor with due recognition of the contractual obligations of the University to the United States Navy, the sponsoring agent, and that, if the inventor does not wish to apply for a patent, all rights of the University be released to the United States Navy.

4. Pulse amplifier with variable controlled facilitation or gain — Murray L. Babcock, Assistant Professor of Electrical Engineering, inventor. This is an amplifier whose gain is dependent upon the total number of pulses which have been active at its inputs; that is, the gain of the amplifier is dependent upon the history of its pulse inputs.

The University of Illinois Foundation reported that there is little likelihood of commercial value in this invention; and therefore, it is recommended that the rights be released to the inventor with due recognition of the contractual obligations of the University to the United States Navy, the sponsoring agent, and that, if the inventor does not wish to apply for a patent, all rights of the University be released to the United States Navy.

I concur in these recommendations.

On motion of Mr. Clement, these recommendations were approved.

APPOINTMENT OF DIRECTOR OF NONACADEMIC PERSONNEL

(2) A search committee charged with the responsibility of recommending a successor to Mr. Donald E. Dickason as Director of Nonacademic Personnel at the University of Illinois, and as Director of the University Civil Service System of Illinois, who will retire from active service on September 1, 1961, has submitted its report. The committee recommends the appointment of Dr. Arlyn C. Marks, presently Director of University Personnel Services at the State University of Iowa, to this dual position at a salary of \$15,000 of which \$11,250 will be paid by the University of Illinois and \$3,750 by the University Civil Service System of Illinois.

President Henry stated that he concurs in the appointment of Dr. Marks as Director of Nonacademic Personnel at the University effective September 1, 1961, at the salary indicated, subject to approval of his appointment by the Merit Board of the University Civil Service System of Illinois.

On motion of Mr. Swain, this appointment was approved and authorization was given to joint announcement of the appointment when the Merit Board has acted.

On motion of Mr. Hughes, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

June 21, 1961



The June meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Wednesday, June 21, 1961, beginning at 9:30 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Richard A. Harewood and Governor Otto Kerner were absent.

Also present were President David D. Henry, Vice-President and Provost Lyle H. Lanier, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Dr. J. S. Begando, Vice-President in charge of the Chicago Professional Colleges, Director C. S. Havens of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. Ralph F. Lesemann, Legal Counsel; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

AMENDMENT OF MINUTES OF MAY 17, 1961

The Secretary requested authority to amend the minutes of the meeting of the Board of Trustees on May 17, 1961, with respect to the actions of the Board approving recommendations from the Urbana-Champaign Senate for: Discontinuance of Credit Allowed for Rhetoric 200 and 201, Revision of Majors and Minors in Political Science, and Revision of Major and Minor Requirements in Russian, to state that these changes become effective in September, 1961.

On motion of Mr. Johnston, this amendment was authorized.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
SEYMOUR M. CHAPPE	Morton Grove	District of Columbia
WILLIAM CLAUDE COUCH, JR.	Arlington Heights	Oklahoma
EGERTON WRIGHT DUNCAN	Northbrook	District of Columbia
JAMES DALE EGBERT	Chicago	Kansas
HENRY GUNDERS	Highland Park	Texas
JOHN L. HEGARTY	Chicago	District of Columbia
MARVIN A. HERSHMAN	Wilmette	District of Columbia
BERNARD WILLIAM REVSINE	Chicago	District of Columbia
PHILIP JAMES SANDMAIER, JR.	Chatham, New Jersey	Ohio
ALLEN CLIFFORD WARD	Fort Wayne, Indiana	Indiana
RICHARD JOSEPH WHEELAND	West Chicago	District of Columbia

I concur.

On motion of Mr. Hughes, these certificates were awarded.

APPOINTMENTS TO THE FACULTY

(2) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. THOMAS JULIUS ANTON, Assistant Professor in the Institute of Government and Public Affairs, beginning September 1, 1961, at an annual salary of \$7,200 (B).
2. VINCENT E. BOWEN, Assistant Professor of French, beginning September 1, 1961, at an annual salary of \$8,000 (B).
3. RONALD R. BOYCE, Assistant Professor in the Bureau of Community Planning, beginning August 1, 1961, at an annual salary of \$9,300 (BY).
4. THOMAS E. CULLITON, JR., Assistant Professor of Education, beginning September 1, 1961, at an annual salary of \$7,800 (D).
5. GLENN W. FISHER, Associate Professor in the Institute of Government and Public Affairs, beginning September 1, 1961, at an annual salary of \$11,000 (AY).
6. KENNETH LOCKE HALE, Assistant Professor of Anthropology and of Linguistics, in the Graduate College, beginning September 1, 1961, at an annual salary of \$6,800 (B).

7. JAMES BOWKER HOLDERMAN, Assistant Professor in the Institute of Government and Public Affairs, beginning September 1, 1961, at an annual salary of \$6,600 (B).
8. NOBORU ITO, Visiting Professor of Mathematics, beginning September 1, 1961, at an annual salary of \$10,000 (D).
9. ROBERT E. KASKE, Professor of English, beginning September 1, 1961, at an annual salary of \$13,000 (A).
10. ROBERT GILLER KAUFFMAN, Assistant Professor of Animal Science, beginning July 1, 1961, at an annual salary of \$8,000 (BY).
11. W. HOWARD KUBACKI, Lecturer in Postgraduate Education (DY), Director of Dental Clinics (BY), Professor of Prosthodontics and Head of the Department (AY), and Assistant Dean of the College of Dentistry (DY), beginning June 1, 1961, at an annual salary of \$18,500.
12. MILES H. MAUNEY, Assistant Professor of Music, beginning September 1, 1961, at an annual salary of \$7,000 (B).
13. KATHLEEN B. MUIR, Clinical Assistant Professor of Dermatology, in the College of Medicine, beginning May 1, 1961, without salary (DY).
14. H. BRADLEY SAGEN, Assistant Director, with rank of Instructor, Bureau of Institutional Research, Provost's Office, beginning September 1, 1961, at an annual salary of \$8,500 (DY).
15. ROBERT DANIEL SARD, Professor of Physics, for month of August, 1961, at a salary of \$1,556 (G); beginning September 1, 1961, at an annual salary of \$14,000 (A).
16. MALCOLM C. SHURTLEFF, Associate Professor of Plant Pathology, Agricultural Extension Service and Experiment Station, beginning July 1, 1961, at an annual salary of \$10,500 (BY).
17. EVERETT G. SMITH, JR., Assistant Professor of Geography, in the College of Liberal Arts and Sciences and in the Office of Community Development, Provost's Office, beginning September 1, 1961, at an annual salary of \$8,000 (BY).
18. JOE C. SUTTON, Editor of the *Illinois Alumni News*, with rank of Associate Professor, in the Office of Public Information, beginning June 1, 1961, at an annual salary of \$10,500 (DY, AY).
19. JACK HARRY SWING, Associate Professor of Architecture, beginning September 1, 1961, at an annual salary of \$12,000 (A).
20. RAY L. WATTERSON, Professor of Zoology, for two months from July 1, 1961, at a salary of \$2,556 (G); beginning September 1, 1961, at an annual salary of \$16,000 (A).
21. GERALD P. WIBBERLEY, Visiting Professor of Land Economics, in the Department of Agricultural Economics, for the first semester 1961-62, at a salary of \$6,500 (E).

Appointments to Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointments to supervisory positions of upper-level responsibility.

1. OREN D. DENHART, Assistant Recorder, Admissions and Records, beginning April 1, 1961, at an annual salary of \$5,430.
2. GEORGE L. GERSTENBERGER, Architectural Electrical Engineer, Physical Plant Department, beginning April 3, 1961, at an annual salary of \$9,000.
3. ARNO H. SCHRIEFER, JR., Junior Civil Engineer, Department of Electrical Engineering, beginning March 27, 1961, at an annual salary of \$6,120.
4. HELEN J. THOMAS, Dietitian in the Research and Educational Hospitals, beginning March 7, 1961, at an annual salary of \$4,380.

On motion of Mr. Swain, these appointments were confirmed.

OFFICE OF EXECUTIVE VICE-PRESIDENT AND PROVOST

- (3) In order more clearly to reflect the expanded duties and responsibilities of the office, I recommend that the title "Vice-President and Provost" be changed to "Executive Vice-President and Provost," effective September 1, 1961.

The duties and authority of the Provost are defined in the Statutes and no change is contemplated. The Executive Vice-President acts for the President as requested by the President. In general, the Executive Vice-President will have general administrative supervision in all internal affairs and will be deputy to the

President in other assignments. The vice-presidents, deans, and directors report to the President and have the same formal relationships as before, but they are expected to work closely with the Executive Vice-President in administration and in the presentation of reports and recommendations.

On motion of Mr. Hughes, this recommendation was approved.

APPOINTMENT OF ASSISTANT TO THE PRESIDENT

(4) I recommend the appointment of Earl W. Porter, former Assistant to the President of Duke University, as Assistant to the President—Reports and Special Projects, beginning July 1, 1961, at an annual salary of \$11,000 on a twelve-month service basis.

Mr. Porter will serve as secretary to the University delegation to the Joint Council on Higher Education; coordinate institutional reporting to the Joint Council and to other state and national agencies; prepare on assignment special reports for the President and other University officers which are necessary as background analysis preliminary to University legislative and administrative decision; and assist the President's Office in other special studies, reports, and presentations as required.

On motion of Mr. Johnston, this appointment was approved.

OFFICE OF INSTRUCTIONAL RESEARCH

(5) More than a year ago, former Vice-President and Provost Gordon Ray appointed a special committee to review the status of instructional research at the University, and to consider steps that might be taken to improve the effectiveness of the instructional program through systematic "self-study." The committee reported that although important studies of this type were under way in several colleges, there was need for a central agency to improve the coordination among these efforts, to provide technical assistance to departments and faculty members interested in instructional research, and to conduct continuing research on neglected problems of University-wide significance.

Accordingly, the committee recommended that an Office of Instructional Research be established within the Office of the Provost. This agency would have broad responsibility for encouraging and for conducting research on the factors influencing choice of curriculum, academic achievement, drop-out rate, and choice of vocation. Broadly speaking, these factors would include the characteristics of the student population (geographic, socio-economic, educational, psychological), the characteristics of the instructional program, and the characteristics of the extracurricular environment—as these factors might bear upon the outcome of the student's college experience. With specific reference to instruction, the studies would include such factors as teaching methods, teaching devices (teaching machines, television, etc.), class size, and independent study.

The Vice-President and Provost now recommends the establishment of an Office of Instructional Research, which would be an all-University agency under his general administrative supervision. A budget item for instructional research was included in the 1960-61 budget, and this will provide most of the funds immediately needed. The budget for the Office will be submitted when the operating budget for 1961-62 is presented to the Board of Trustees in July.

A recommendation for the appointment of a Director of the Office of Instructional Research will be submitted separately.

I concur.

On motion of Mr. Swain, this recommendation was approved.

REVISION IN TUITION AND FEES

(6) The following changes in tuition and fees are recommended, to be effective September 1, 1961:

An increase in tuition of \$10.00 per semester, with prorata adjustments for shorter instructional terms, is necessary for full programs of studies on all three campuses to provide sufficient income for the state appropriation being requested from the University Income Fund.

Students at the Chicago Undergraduate Division have requested an increase in the Activities Service Fee of \$8.00 to \$10.00 a semester. The *Pier Illini* and other student activities have had insufficient funds to meet their operating costs.

This increase has the approval of the administrative staff of the Chicago Undergraduate Division.

An Illini Union Fee of \$5.00 a semester is also proposed for the Chicago Undergraduate Division. A separate recommendation is being submitted concerning space and remodeling costs for this facility.

In order to meet the increased premium for the Hospital-Medical-Surgical Insurance Fee at Urbana (on which a separate recommendation is being submitted), an increase in this fee from \$8.00 to \$10.00 per semester is recommended, to be offset by a decrease in the Laboratory, Library, and Supply Fee at Urbana from \$12.00 to \$10.00 a semester.

Upon recommendation of the Director of the Institute of Aviation and the Committee on Fees the Flight-Training Fee will be increased from \$325 to \$350 per course. The flight-training program offered by the Institute was set up to be self-supporting so that the fees charged should be sufficient to cover the cost of instructional operations. Last year the Director of the Institute and the Committee on Fees recommended that the flight course fee be increased from \$300 to \$325 effective in September, 1960, and from \$325 to \$350 effective September, 1961. These increases are necessary to keep the program self-supporting.

In order to simplify the fee structure, the Committee on Fees recommends that in lieu of charges based on the number of credit hours or units for registration of less than a full schedule of courses, two separate fixed schedules of fees be established. One schedule will be for students in the range from one-half to four semester hours or an equivalent amount of graduate units, and the second for students carrying four and one-half to eight semester hours or an equivalent amount of graduate units.

A simplification of the Building and Laboratory Service Fee at the Chicago Professional Colleges is recommended as shown in the schedules which follow. There will be no significant change in the amount of income under the revised schedule.

Medical students in the fourth year, who are registered for the "alternative" quarter and who do their work at places entirely removed from the University campus, will be assessed the same tuition, resident or nonresident, as for campus registration. They shall be exempt from the Building and Laboratory Service Fee and the Union Building Service Charge. Such students shall not be eligible for University Hospital-Medical-Surgical Insurance coverage.

Fees for the Summer Session and for terms of less than a full semester will be on a prorated basis, with all fractional amounts rounded to the next highest dollar.

Schedules showing all revised fees as recommended appear below.

I concur.

On motion of Mr. Johnston, the foregoing recommendations were approved, and the following revised schedules of fees were authorized.

Urbana-Champaign Campus

GRADUATE AND UNDERGRADUATE

SEMESTER

	<i>Full Program</i>		<i>Partial Programs</i>			
	<i>Range I</i>		<i>Range II</i>		<i>Range III</i>	
	<i>Above 8 Semester</i>		<i>4½ to 8 Semester</i>		<i>½ to 4 Semester</i>	
	<i>Hours</i>		<i>Hours or 1½ to 2</i>		<i>Hours or ¾ to 1</i>	
	<i>or 2 Units</i>		<i>Units</i>		<i>Unit</i>	
	Resi-	Nonresi-	Resi-	Nonresi-	Resi-	Nonresi-
	dent	dent	dent	dent	dent	dent
Tuition.....	\$85 00	\$260 00	\$50 00	\$150 00	\$30 00	\$80 00
Laboratory, Library, and Supply Fee.....	10 00	10 00	10 00	10 00	5 00	5 00
Hospital-Medical- Surgical Insur- ance Fee ¹	10 00	10 00	10 00	10 00	10 00	10 00
Illini Union Fee ² ..	10 00	10 00	10 00	10 00	5 00	5 00
Total.....	\$115 00	\$290 00	\$80 00	\$180 00	\$50 00	\$100 00

TWELVE-WEEK SUMMER TERM

	<i>Above 6 Semester Hours or 1½ Units</i>		<i>3½ to 6 Semester Hours or 1 to 1½ Units</i>		<i>½ to 3 Semester Hours or ¼ to ¾ Unit</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
Tuition.....	\$65 00	\$195 00	\$40 00	\$110 00	\$25 00	\$65 00
Laboratory, Library, and Supply Fee.....	8 00	8 00	8 00	8 00	4 00	4 00
Hospital-Medical- Surgical Insur- ance Fee¹.....	8 00	8 00	8 00	8 00	8 00	8 00
Illini Union Fee²..	7 00	7 00	7 00	7 00	4 00	4 00
<i>Total</i>	<u>\$88 00</u>	<u>\$218 00</u>	<u>\$63 00</u>	<u>\$133 00</u>	<u>\$41 00</u>	<u>\$81 00</u>

EIGHT-WEEK SUMMER SESSION

	<i>Above 4 Semester Hours or 1 Unit</i>		<i>2½ to 4 Semester Hours or ¾ to 1 Unit</i>		<i>½ to 2 Semester Hours or ¼ to ½ Unit</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
Tuition.....	\$45 00	\$130 00	\$30 00	\$80 00	\$20 00	\$45 00
Laboratory, Library, and Supply Fee.....	5 00	5 00	5 00	5 00	3 00	3 00
Hospital-Medical- Surgical Insur- ance Fee¹.....	5 00	5 00	5 00	5 00	5 00	5 00
Illini Union Fee²..	5 00	5 00	5 00	5 00	3 00	3 00
<i>Total</i>	<u>\$60 00</u>	<u>\$145 00</u>	<u>\$45 00</u>	<u>\$95 00</u>	<u>\$31 00</u>	<u>\$56 00</u>

SIX-WEEK WINTER SHORT COURSE IN AGRICULTURE AND HOME ECONOMICS

	<i>Above Two Courses</i>		<i>Two Courses</i>		<i>One Course</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
Tuition.....	\$35 00	\$105 00	\$25 00	\$75 00	\$15 00	\$40 00
Laboratory, Library, and Supply Fee.....	4 00	4 00	4 00	4 00	2 00	2 00
Hospital-Medical- Surgical Insur- ance Fee¹.....	5 00	5 00	5 00	5 00	5 00	5 00
Illini Union Fee²..	4 00	4 00	4 00	4 00	2 00	2 00
<i>Total</i>	<u>\$48 00</u>	<u>\$118 00</u>	<u>\$38 00</u>	<u>\$88 00</u>	<u>\$24 00</u>	<u>\$49 00</u>

Chicago Undergraduate Division

SEMESTER

	<i>Full Program Range I Above 8 Semester Hours</i>		<i>Partial Programs Range II 4½ to 8 Semester Hours</i>		<i>Range III ½ to 4 Semester Hours</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
Tuition.....	\$85 00	\$260 00	\$50 00	\$150 00	\$30 00	\$80 00
Laboratory, Library, and Supply Fee.....	12 00	12 00	12 00	12 00	6 00	6 00
Hospital-Medical- Surgical Insur- ance Fee¹.....	8 00	8 00	8 00	8 00	8 00	8 00

	<i>Full Program Range I Above 8 Semester Hours</i>		<i>Partial Programs Range II 4½ to 8 Semester Hours</i>		<i>Range III ½ to 4 Semester Hours</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
Activities Service Fee.....	\$ 10 00	\$ 10 00	\$10 00	\$ 10 00	\$ 5 00	\$ 5 00
Illini Union Fee ¹ ..	5 00	5 00	5 00	5 00	3 00	3 00
Total.....	\$120 00	\$295 00	\$85 00	\$185 00	\$52 00	\$102 00

TWELVE-WEEK SUMMER TERM

	<i>Above 6 Semester Hours</i>		<i>3½ to 6 Semester Hours</i>		<i>½ to 3 Semester Hours</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
Tuition.....	\$65 00	\$195 00	\$40 00	\$110 00	\$25 00	\$65 00
Laboratory, Library, and Supply Fee.....	9 00	9 00	9 00	9 00	5 00	5 00
Hospital-Medical- Surgical Insur- ance Fee ¹	6 00	6 00	6 00	6 00	6 00	6 00
Activities Service Fee.....	8 00	8 00	8 00	8 00	4 00	4 00
Illini Union Fee ¹ ..	4 00	4 00	4 00	4 00	2 00	2 00
Total.....	\$92 00	\$222 00	\$67 00	\$137 00	\$42 00	\$82 00

EIGHT-WEEK SUMMER SESSION

	<i>Above 4 Semester Hours</i>		<i>2½ to 4 Semester Hours</i>		<i>½ to 2 Semester Hours</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
Tuition.....	\$45 00	\$130 00	\$30 00	\$80 00	\$20 00	\$45 00
Laboratory, Library, and Supply Fee.....	6 00	6 00	6 00	6 00	3 00	3 00
Hospital-Medical- Surgical Insur- ance Fee ¹	4 00	4 00	4 00	4 00	4 00	4 00
Activities Service Fee.....	5 00	5 00	5 00	5 00	3 00	3 00
Illini Union Fee ¹ ..	3 00	3 00	3 00	3 00	2 00	2 00
Total.....	\$63 00	\$148 00	\$48 00	\$98 00	\$32 00	\$57 00

Chicago Professional Colleges

DENTISTRY, MEDICINE, PHARMACY, NURSING, OCCUPATIONAL THERAPY,
MEDICAL ILLUSTRATION

QUARTER PROGRAM

	<i>Full Program Range I Above 199 Clock Hours</i>		<i>Partial Programs Range II 100 to 199 Clock Hours</i>		<i>Range III 0 to 99 Clock Hours</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
MEDICINE						
Tuition.....	\$57 00	\$174 00	\$34 00	\$100 00	\$20 00	\$54 00
Building and Labo- ratory Service Fee.....	82 00	115 00	45 00	59 00	26 00	32 00

	<i>Full Program</i>		<i>Partial Programs</i>			
	<i>Range I</i>		<i>Range II</i>		<i>Range III</i>	
	<i>Above 199 Clock Hours</i>		<i>100 to 199 Clock Hours</i>		<i>0 to 99 Clock Hours</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
Hospital-Medical-Surgical Insurance Fee ¹	\$ 6 00	\$ 6 00	\$ 6 00	\$ 6 00	\$ 6 00	\$ 6 00
Union Building Service Charge ²	5 00	5 00	5 00	5 00	3 00	3 00
<i>Total</i>	<u>\$150 00</u>	<u>\$300 00</u>	<u>\$90 00</u>	<u>\$170 00</u>	<u>\$55 00</u>	<u>\$95 00</u>
DENTISTRY						
Tuition.....	\$57 00	\$174 00	\$34 00	\$100 00	\$20 00	\$54 00
Building and Laboratory Service Fee.....	72 00	105 00	45 00	59 00	26 00	32 00
Hospital-Medical-Surgical Insurance Fee ¹	6 00	6 00	6 00	6 00	6 00	6 00
Union Building Service Charge ²	5 00	5 00	5 00	5 00	3 00	3 00
<i>Total</i>	<u>\$140 00</u>	<u>\$290 00</u>	<u>\$90 00</u>	<u>\$170 00</u>	<u>\$55 00</u>	<u>\$95 00</u>
	<i>Above 8 Quarter Hours</i>		<i>4½ to 8 Quarter Hours</i>		<i>1 to 4 Quarter Hours</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
PHARMACY						
Tuition.....	\$57 00	\$174 00	\$34 00	\$100 00	\$20 00	\$54 00
Building and Laboratory Service Fee.....	32 00	32 00	20 00	20 00	11 00	11 00
Hospital-Medical-Surgical Insurance Fee ¹	6 00	6 00	6 00	6 00	6 00	6 00
Union Building Service Charge ²	5 00	5 00	5 00	5 00	3 00	3 00
<i>Total</i>	<u>\$100 00</u>	<u>\$217 00</u>	<u>\$65 00</u>	<u>\$131 00</u>	<u>\$40 00</u>	<u>\$74 00</u>
OTHERS (NURSING, OCCUPATIONAL THERAPY, MEDICAL ILLUSTRATION)						
Tuition.....	\$57 00	\$174 00	\$34 00	\$100 00	\$20 00	\$54 00
Building and Laboratory Service Fee.....	22 00	22 00	10 00	10 00	6 00	6 00
Hospital-Medical-Surgical Insurance Fee ¹	6 00	6 00	6 00	6 00	6 00	6 00
Union Building Service Charge ²	5 00	5 00	5 00	5 00	3 00	3 00
<i>Total</i>	<u>\$90 00</u>	<u>\$207 00</u>	<u>\$55 00</u>	<u>\$121 00</u>	<u>\$35 00</u>	<u>\$69 00</u>

SUMMER PROGRAMS

Summer fees in Dentistry, Medicine, Pharmacy, Occupational Therapy, and Nursing are the same as for the regular quarter except one-half fees are charged for students taking a six-week program or one-third fees for students taking a four-week program when such is scheduled, rounded to the next higher dollar amount.

GRADUATE

QUARTER PROGRAM

	<i>Full Program</i>		<i>Partial Programs</i>			
	<i>Range I</i>		<i>Range II</i>		<i>Range III</i>	
	<i>Above 1½ units</i>		<i>1 to 1½ units</i>		<i>¾ to 1 unit</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
Tuition.....	\$57 00	\$174 00	\$34 00	\$100 00	\$20 00	\$54 00
Laboratory, Library, and Supply Fee.....	8 00	8 00	8 00	8 00	4 00	4 00
Hospital-Medical- Surgical Insur- ance Fee ¹	6 00	6 00	6 00	6 00	6 00	6 00
Union Building Service Charge ²	5 00	5 00	5 00	5 00	3 00	3 00
<i>Total</i>	<i>\$76 00</i>	<i>\$193 00</i>	<i>\$53 00</i>	<i>\$119 00</i>	<i>\$33 00</i>	<i>\$67 00</i>

POSTGRADUATE FEES IN DENTISTRY

Part-time Postgraduate Students in Short Courses

\$25.00 per day up to and including three days of postgraduate instruction.

\$100.00 per periods over three days and up to and including a full week.

\$150.00 per periods over one week up to and including two full weeks.

\$50.00 per each additional week or fraction thereof over two full weeks.

\$300.00 per day or fraction thereof for professional group requests.

\$150.00 per additional day or fraction thereof in this category. (Such groups include alumni fraternities and sectional dental societies who assume all responsibilities and obligations regarding promotion and securing enrollment.)

Courses offered on an hourly basis will be charged at the rate of \$25.00 per six hours (on a pro rata basis).

Full-time Postgraduate Students

Full-time postgraduate students enrolled for the regularly scheduled survey program will be charged at the rate of \$50.00 per month. (See fee schedule under Survey Program.)

POSTGRADUATE FEES IN MEDICINE

Full-time postgraduate students — \$50.00 a month or \$150.00 per quarter.

Part-time postgraduate students in short courses — \$25.00 per day for nonlaboratory courses; \$35.00 per day for laboratory courses.

Fees for courses offered for one-half day or evening sessions are to be charged on a prorata basis with two such sessions charged for at the rate of one full day.

A charge for laboratory materials is to be added wherever indicated.

SOCIAL WORK (GRADUATE) IN CHICAGO

SEMESTER

	<i>Full Program</i>		<i>Partial Programs</i>			
	<i>Range I</i>		<i>Range II</i>		<i>Range III</i>	
	<i>Above 2 units</i>		<i>1½ to 2 units</i>		<i>¾ to 1 unit</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
Tuition.....	\$85 00	\$260 00	\$50 00	\$150 00	\$30 00	\$80 00
Laboratory, Library, and Supply Fee.....	12 00	12 00	12 00	12 00	6 00	6 00
Hospital-Medical- Surgical Insur- ance Fee ¹	8 00	8 00	8 00	8 00	8 00	8 00
Illini Union Fee ² ..	8 00	8 00	8 00	8 00	4 00	4 00
<i>Total</i>	<i>\$113 00</i>	<i>\$288 00</i>	<i>\$78 00</i>	<i>\$178 00</i>	<i>\$48 00</i>	<i>\$98 00</i>

¹ Students presenting evidence of equivalent coverage and those registered for a schedule in Range III are exempted from the Hospital-Medical-Surgical Insurance Fee upon application to the University Insurance Office.

² Persons on the academic, administrative, or permanent nonacademic staff of the University, or on the staffs of the allied surveys and laboratories located on the Urbana-Champaign campus, are exempted from the Illini Union Fee.

STUDENT UNION AND LIBRARY FACILITIES AT CHICAGO UNDERGRADUATE DIVISION

(7) City of Chicago officials are willing to lease to the University the City Shop area at Navy Pier. Approximately 12,000 square feet would thus be made available for an enlarged student lounge and for the initiation of a program of Student Union activities at the Chicago Undergraduate Division. First, such a program would serve to facilitate planning, construction, and finally occupancy of a Student Union Building on the new campus. Second, it would provide expanded and improved lounge facilities at Navy Pier during the next three years for the increased enrollment. Third, the relocation of the student lounge now adjacent to the Library would permit badly needed expansion of the reading-room area of the Library. All three of these purposes would be served at relatively modest costs, considering (a) the large number of students who would be benefited during the three-year period, and (b) the value of having on the staff a Student Union Director who would help plan the permanent facility for the new campus. (One half of the Director's salary would be paid from capital funds.)

In the light of these considerations, the Vice-President for the Chicago Undergraduate Division, the Director of the Physical Plant, and the Vice-President and Comptroller recommend that:

1. The Vice-President and Comptroller, or his representative, be authorized to enter into a lease with the city of Chicago for the City Shop area at a rate consistent with that presently being charged for space at the Pier (approximately \$4,200 a year).
2. Interest from the escrow funds for restoring the Pier property be used for demolition of existing partitions and removal of wood block flooring and replacement with concrete floor, at a cost not to exceed \$14,000.
3. Appropriations of \$61,600 for remodeling of the City Shop area for the Student Union facility, and \$19,500 for expansion of Library facilities, be made from the General Reserve, effective July 1.
4. A Union fee of \$5.00 a semester be established at the Chicago Undergraduate Division.

I concur.

On motion of Mrs. Watkins, the foregoing recommendations were approved and the requested assignments of funds were authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

HOSPITAL-MEDICAL-SURGICAL INSURANCE FOR STUDENTS AND STAFF

(8) Bids have been taken on the hospital-medical-surgical insurance for students and staff for the two-year period beginning September 1, 1961, with the condition that the University reserves the right to renew such insurance annually thereafter upon mutual agreement between the insurance carrier and the University.

The Vice-President and Comptroller recommends that contracts providing the same benefits as present for the student plan on all three campuses and for the optional staff plans at Urbana-Champaign and at the Chicago Professional Colleges be awarded to Federal Life Insurance Company, Chicago, the lowest bidder, on the aggregate premium at the following rates:

<i>Student Programs</i>	<i>Urbana</i>	<i>Chicago Professional Colleges</i>	<i>Chicago Undergraduate Division</i>
Student.....	\$ 8 00 per semester	\$5 05 per quarter	\$6 60 per semester
Spouse.....	11 85 per semester	7 30 per quarter	9 75 per semester
Children.....	8 45 per semester	5 20 per quarter	6 95 per semester

Staff Programs

	<i>Urbana</i>	<i>Chicago Professional Colleges</i>	<i>Chicago Undergraduate Division</i>
Employee.....	\$ 41 00 per year	\$ 41 00 per year	The staff has elected not to participate in this program.
Employee and Dependents...	113 00 per year	113 00 per year	

To finance the Urbana-Champaign student plan, the Vice-President and Comptroller recommends that the Hospital-Medical-Surgical Insurance Fee be increased from \$8.00 to \$10.00 per semester, as indicated in a separate recommendation on revision of fees which is being submitted at today's meeting. The \$2.00 increase in the fee will provide for the increase in the premium, the cost of administration of the program, and will supplement the daily room and board allowance at McKinley Hospital. The current insurance contract provides \$14.00 per day room and board allowance in any hospitals except McKinley Hospital where the allowance is \$11.00 per day. The Administrator of McKinley Hospital and the Director of Health Services recommend that the room and board charge at McKinley Hospital be increased to \$14.00 a day. An alternate bid was taken to provide an insurance allowance of this amount, which however would require a premium increase of approximately \$18,000 per semester. The number of patient days in one semester is less than 2,900, and the additional coverage would result in a return in benefits of less than \$9,000 per semester. Accordingly, the Vice-President and Comptroller recommends that the minimum charge for room and board at McKinley Hospital be increased to \$14.00, but that \$3.00 of the charge be paid from the Hospital-Medical-Surgical Fee collections, if the patient concerned has paid the fee.

The recommended charges to students and staff for this insurance protection would reflect the following premiums and fees:

Student Programs

	<i>Urbana</i>	<i>Chicago Professional Colleges</i>	<i>Chicago Undergraduate Division</i>
Student.....	\$10 00 per semester	\$ 6 00 per quarter	\$ 8 00 per semester
Spouse.....	12 00 per semester	9 00 per quarter	12 00 per semester
Children.....	9 00 per semester	6 00 per quarter	8 00 per semester

Staff Programs — Urbana and Chicago Professional Colleges

	<i>Quarterly</i>	<i>Semi-Annually</i>	<i>Annually</i>
Employee.....	\$11 50	\$22 50	\$ 44 00
Employee and Dependents.....	29 50	58 50	116 00

On the basis of these rates, the plans should operate on a self-sustaining basis. The excess over the cost of the coverage will be used by the University to defray the administrative costs of the three programs and the cost of operating McKinley Hospital in excess of the amounts provided in the insurance policy.

Submitted herewith is a schedule of bids received and a copy is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, these contracts were authorized as recommended.

STUDENT SERVICES BUILDING BONDS

(9) Bond Counsel has requested that a resolution be adopted to establish rates for the Student Services Building. The Vice-President and Comptroller recommends adoption of the following resolution.

I concur.

Resolution

WHEREAS, Section 7.07 of the Resolution of this Board of Trustees authorizing and providing for the issuance of \$1,350,000 Student Services Building Bonds, duly adopted May 17, 1961, provides that the Board of Trustees will adopt

such rules and regulations and fix and maintain such student service charges (as defined in said Resolution), rates, rentals, fees, and use of said facilities and provide revenue sufficient to provide and maintain the Bond and Interest Sinking Fund Account and the required reserves therefor and to pay the reasonable cost of operating and maintaining facilities; and

WHEREAS, The Board of Trustees of the University of Illinois desires to comply with the above cited provisions and to adopt certain rules and to provide for certain charges applicable to the operation of the facilities;

Now, Therefore, Be It and It Is Hereby Resolved by The Board of Trustees of the University of Illinois that the officers and management of the University be and they are hereby authorized and directed in the operation of the Student Services Building to carry out the following rules:

- RULE 1. The properties of the Student Services Building in the preambles hereof referred to as the "facilities" shall be continuously operated at all times when the University is in session.
- RULE 2. Subject to further action of the Board of Trustees the initial student service charge for the use of the facilities shall be \$3.00 per regular school semester, beginning with the fall semester of 1962, and shall be charged to each student enrolled for credit and in attendance on the Urbana Campus of the University for use of the facilities, subject to such adjustments of and exemption from said student service charge as may be made by the Board of Trustees for the summer terms and for part-time students, fellows, and persons on staff appointment. No student shall be admitted to enrollment in any department of the University at the Urbana Campus unless such student service charge shall be first or simultaneously paid or appropriate provision made for such payment.
- RULE 3. Insofar as rentals, rates, fees, and other charges are consistent with the maximum use of the facilities, such rates and charges to be made in connection therewith shall be from time to time established and maintained as shall result in net income sufficient, together with the student service charges, as will provide revenue sufficient to provide and maintain the Bond and Interest Sinking Fund Account and the required reserves therefor and to pay the reasonable cost of operating and maintaining facilities.

On motion of Mr. Swain, this resolution was adopted.

DESIGNATION OF AMERICAN NATIONAL BANK AND TRUST COMPANY AS CONSTRUCTION FUND DEPOSITARY

(10) On May 17, 1961, the Board sold the Student Services Building Bonds and the Housing Revenue Bonds of 1960, Series C, to John Nuveen and Company, Chicago. Under the terms of the sale, the purchasers of the bonds are given the privilege of designating a depository of the construction funds for these bonds. John Nuveen and Company request that the American National Bank and Trust Company of Chicago be so designated. Since the University does not have a checking account in this bank, the Vice-President and Comptroller recommend adoption of the following resolution:

Resolution

Be It Resolved, that the American National Bank and Trust Company of Chicago be and hereby is designated a depository in which construction funds of The Board of Trustees of the University of Illinois may be deposited by its officers, agents, and employees and that the Comptroller, or any other officer of this corporation, be and hereby is authorized to open and maintain an account or accounts with said Bank and to endorse and deposit with said Bank negotiable instruments and orders for the payment of money which endorsements may be made in writing or by a stamp and without designation of the person so endorsing, and it being understood and agreed that on all such items deposited, all prior endorsements are guaranteed by this corporation whether or not an express guaranty is incorporated in such endorsements.

And Be It Further Resolved, that the American National Bank and Trust Company of Chicago as a designated depository of The Board of Trustees of the University of Illinois be and it is hereby requested, authorized, and directed to

honor checks, drafts, or other orders for the payment of money drawn in this corporation's name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or signers thereof, when bearing or purporting to bear the facsimile signature(s) of the President and Secretary, and American National Bank and Trust Company of Chicago shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means the facsimile signatures thereon may have been affixed thereto, if such facsimile signatures resemble the facsimile specimens duly certified to or filed with the American National Bank and Trust Company of Chicago by the Secretary or other officer of this corporation.

On motion of Mr. Hughes, this resolution was adopted.

FEDERAL GRANT FOR MEDICAL SCIENCES ADDITION BUILDING

(11) The Vice-President in charge of the Chicago Professional Colleges and the Vice-President and Comptroller recommend authorization of an application to the Illinois Department of Public Health Bureau of Hospitals, for a construction grant of \$280,000 under Federal Public Laws 725 and 482 (The Hill-Burton Act) for approximately one-third of the cost of that portion (one entire floor) of a new building which will provide for the expansion of the outpatient clinics of the Research and Educational Hospitals. The remaining two-thirds (approximately) would be provided from the state capital appropriations to the University for the 1961-63 biennium.

I concur and recommend the adoption of the following resolution, which is required in submitting such an application:

Resolution

Resolved that H. O. Farber, Comptroller, and A. J. Janata, Secretary of the Board of Trustees of the University of Illinois, be and they hereby are authorized to sign applications for grants-in-aid under the Illinois Hospital Construction Program and Public Laws 725 and 482 (The Hill-Burton Act) in connection with a grant for the building of the Medical Sciences Addition Building at the University of Illinois Chicago Professional Colleges.

On motion of Mr. Swain, this resolution was adopted.

LEASES OF PROPERTIES

(12) Because of constitutional limitations, all leases of property by the University expire on June 30, 1961. Many of these are with the University of Illinois Foundation for properties acquired by the Foundation or leased under a long-term basis at the request of the University.

I recommend that the Comptroller be authorized to renew all existing leases under the same terms as at present. If any changes in terms or rates are proposed, a separate recommendation will be submitted to the Board. A report of all leases renewed will be submitted to the Board when the renewals have been executed.

On motion of Mrs. Watkins, authority was given as requested.

LEASE OF WAREHAM-HUDSON DAIRY BUILDING

(13) The University has an opportunity to lease the Wareham-Hudson Dairy Building at 129 North Race Street, Urbana, which will provide additional and much needed space. It is proposed to move some of the research facilities and activities of the Department of Psychology presently housed in Gregory Hall to the Wareham-Hudson Dairy Building, thus serving a twofold purpose: providing more adequate quarters for the Department of Psychology for work which can be carried on off-campus and releasing premium space on the campus for undergraduate instruction.

The Wareham-Hudson Dairy Building has two floors and a basement. The basement and first floor have a total area of approximately 7,540 square feet which will be remodeled by the owner to meet the requirements of the Department of Psychology. The second floor, which has an area of approximately 1,380 square feet, will not be remodeled for the present. The owner will lease the building at a rental of \$650 a month.

The owner desires a five-year lease and since the University can not enter into a contract for a period beyond a fiscal biennium the Board of Directors of the University of Illinois Foundation has authorized a lease for five years, with an option to renew for an additional five-year period, and sublease of the building to the University on an annual basis at a rental of \$650 a month.

I recommend authorization of this sublease from the Foundation on the terms indicated. Funds to pay the rental, \$7,800 a year, and for operation and maintenance, \$6,800 a year, will be included in the budget of the Physical Plant Department.

On motion of Mr. Hughes, the lease of this property from the University of Illinois Foundation, on the terms indicated, was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

NONRECURRING APPROPRIATIONS

(14) The Vice-President and Comptroller and the Vice-President and Provost recommend the following appropriations and assignments of funds from the University General Reserve, except as otherwise indicated:

1. Department of Geology, departmental expenses.....	\$ 5 000
2. Purchasing Division, remodeling and equipment for additional staff; from Indirect Costs.....	3 900
3. Remodeling of quarters at 907 South Sixth Street, Champaign, for College of Liberal Arts and Sciences and administrative offices.....	15 000
4. Remodeling of building at 1207 West Oregon Street, Urbana, by enclosing twelve porches to gain 2,900 square feet of office space for the College of Liberal Arts and Sciences.....	25 000
5. Remodeling office space for the telephone accounting office and the Central Office on the Use of Space in the Illini Union.....	3 827
6. Remodeling of quarters at 909 South Sixth Street, Champaign, to provide space for the Audio-Visual Aids Service, to replace space lost as a result of a fire at 605½ East Green Street.....	3 669
7. Student Counseling Service, air conditioning of offices on the third floor of the Administration Building (East).....	4 700
8. Air conditioning two rooms in Gregory Hall, used for graduate research during the summer.....	3 500
9. Air conditioning and remodeling third floor of building at 1205 West Oregon Street, Urbana, for use as the Edmund J. James Scholar Center.....	3 300
10. Installing fire doors in McKinley Hospital to meet accrediting standards.....	8 050
11. English Building remodeling, supplementing an appropriation of \$22,000 made on July 21, 1959; from balances in funds assigned for minor remodeling.....	5 000
12. Department of Civil Engineering, to complete remodeling of Quonset huts, supplementing an appropriation of \$30,000 made on July 26, 1960; from balances in funds assigned for minor remodeling.....	5 000
13. Institute of Government and Public Affairs, to complete remodeling, supplementing an appropriation of \$27,500 made on May 17, 1960; from state capital appropriations for remodeling.....	2 700
14. Admissions and Records, Chicago Undergraduate Division, office expense.....	6 670
15. Zoology, remodeling of laboratory space.....	3 000
16. McKinley Hospital, for operations; from Hospital-Medical-Surgical Insurance surplus.....	25 505
Total.....	\$123 821

I concur.

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

**CONTRACT FOR PLASTERING, PLASTER PATCHING
AND REPAIRING, AND ACOUSTICAL WORK**

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a cost-plus contract to Edmond T. Drewitch, Urbana, the lowest bidder, for plastering, plaster patching and repairing, and acoustical work during the fiscal year beginning July 1, 1961, on the basis of the following terms: a contractor's fee of 14 per cent of all actual job costs, as determined by itemized billing, and \$2.00 an hour for trucking of equipment and materials for actual time used solely for transportation; provided that not more than 8 per cent of the total cost of any job will be charged to trucking costs.

I concur.

On motion of Mr. Hughes, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

CONTRACT FOR PAVING OF ORCHARD STREET EXTENDED

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$27,580 to the Parro Construction Corporation, Urbana, for construction of a new asphalt paved street, Orchard Street extended from Florida Avenue south to the Orchard Downs housing, to serve that area.

Funds are available in the revenue bond issue to finance the Orchard Downs project.

I concur.

On motion of Mr. Johnston, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

CONTRACT FOR ADDITION TO ABBOTT POWER PLANT

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$94,562 to Square Deal Electrical Contracting, Inc., LaPorte, Indiana, the lowest bidder, for the electrical work (Division "8-M") on the addition (Boiler No. 6, Unit No. 7) to the Abbott Power Plant, now under construction.

Funds are available in the state capital appropriations to the University for 1959-61 and have been released.

I concur.

On motion of Mrs. Watkins, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

**CONTRACT FOR EXTENSION OF STEAM SERVICE
TO UNIVERSITY HIGH SCHOOL**

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$53,548 to Reliable Plumbing and Heating Company, Champaign, the lowest bidder, for extension of steam service to the University High School. This installation is to replace an existing steam line which has been in service for forty years, has been repaired three times, and is now beyond repair.

This project will be financed from funds in the operating budget of the Physical Plant Department.

A supporting memorandum from the Physical Plant Department, including a list of bids received, is submitted herewith and a copy is being filed with the Secretary for record.

I concur.

On motion of Mr. Hughes, this contract was awarded as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

ENGINEERING SERVICES ON DESIGN OF ADDITION TO ABBOTT POWER PLANT

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend employment of the firm of Sargent and Lundy, Consulting Engineers, Chicago, to furnish the complete engineering services, including design, working drawings, and specifications for the construction of an addition (Boiler No. 7) to the Abbott Power Plant. The building program for 1961-63 includes an item of \$2,055,000 for the addition, including engineering services, construction, fabrication, and installation of equipment. The estimated cost of these engineering services is \$150,000, including \$15,000 for the services of a resident engineer during the construction.

The terms of the employment of Sargent and Lundy on this project are the same as those of other University work:

Current Expense Charges. Engineering, drafting, actual cost of salaries and wages plus 50 per cent for overhead and cost. Stenographic and clerical services; travel and miscellaneous expenses to be at actual cost to the firm.

Fixed Fee Charge. A fixed fee charge of 2 per cent of the mutually agreed estimate of the cost of construction and installation of equipment (but exclusive of Sargent and Lundy's charges for current expenses and exclusive of any University expenditures).

Field Supervision. If requested by the University, the services of a resident engineer will be provided at a cost of the actual salary plus 15 per cent, plus travel and field expenses.

The estimated cost of engineering services exclusive of a resident engineer is approximately \$135,000; estimated cost of services of resident engineer is approximately \$15,000.

The estimated cost of work to be done by Sargent and Lundy on principal items of equipment for which contracts should be awarded early in August, 1961, is \$10,000. Funds are available in the state capital appropriations to the University for 1959-61 for this amount of work. Sargent and Lundy will accept the assignment with the understanding that their employment may be terminated in the event additional funds will not become available in which case their charges will not exceed \$10,000 for such preliminary work.

The employment of Sargent and Lundy has been recommended by the Advisory Committee on the Selection of Architects and Engineers.

I concur.

On motion of Mr. Swain, this recommendation was approved.

EASEMENTS ON PERCIVAL TRACT

(20) The University has purchased, through settlement of condemnation proceedings one time instituted for the acquisition, approximately fifty-one acres of the land known as the Percival Farm, or tract, south of the campus and adjoining University farm areas east of First Street and approximately three quarters of a mile south of St. Mary's Road. When condemnation proceedings were instituted, the Illinois Power Company and the Panhandle Eastern Pipeline Company entered appearances to protect easements they have on this land. The University agreed that new easements, or amendments thereof, would be prepared to state and describe correctly the interests of all parties. The easement to the Panhandle Company covered the entire tract, and the University wishes to restrict it to a sixty-foot strip of land along the length of the pipeline. The easement to the Illinois Power Company was of questionable validity having been granted by a life tenant rather than by the holder of title to the land. A new easement is requested simply to validate the Company's right to maintain the power line where it is presently located.

Neither easement will interfere with the University's use of the land. Each

of the easement agreements provides for termination of the easement when the company ceases to use its line for rendition of service and thereupon full and complete title to the easement area is vested in the University.

The Vice-President and Comptroller, the Director of the Physical Plant, and the Legal Counsel recommend adoption of the following resolutions to clarify these situations:

Resolution

Be It, and It Hereby Is Resolved by this Board of Trustees of THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this Board of Trustees be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to ILLINOIS POWER COMPANY, an Illinois corporation, hereinafter referred to as "Grantee," its successors and assigns, the right and easement to reconstruct, operate, repair, and maintain its poles, wires, and fixtures, for the purpose of an electric transmission or distribution line or system, upon and over the land hereinafter described and the right of ingress to and egress therefrom. Grantee shall agree to repair any damage to property of this Corporation and to pay for any damages which may be caused to properties of this Corporation by the reconstruction, operation, repair, or maintenance of said electric transmission or distribution line or system. The right-of-way easement shall terminate when Grantee ceases to use said electric transmission or distribution line or system for rendition of service. The right-of-way easement shall be over the following-described property:

The South 20 feet of all that part of the South Half of the Southeast Quarter of Section 24, Township 19 North, Range 8 East of the Third Principal Meridian, in Champaign County, Illinois, which lies East of the East line of the present Illinois Central Railroad right-of-way, excepting, however, from said parcel of land the East 363 feet thereof.

Resolution

WHEREAS, The Board of Trustees of the University of Illinois, a public corporation, is the present owner of the following-described tract of land, hereinafter referred to as "Tract A," in the County of Champaign in the State of Illinois, to-wit:

All that part of the South half (S $\frac{1}{2}$) of the Southeast Quarter (SE $\frac{1}{4}$) of Section Twenty-four (24), Township Nineteen (19) North, Range Eight (8) East of the Third Principal Meridian, in Champaign County, Illinois, which lies East of the East line of the present Illinois Central Railroad right-of-way excepting, however, from said parcel of land the East three hundred sixty-three (363) feet thereof;

which said Tract A is subject among other land to a certain Agreement for Right-of-Way dated July 6, 1931, made by C. A. Percival and Etta Luella Percival, husband and wife, in favor of Panhandle Illinois Pipe Line Company, an Illinois corporation, its successors and assigns; and

WHEREAS, Panhandle Eastern Pipe Line Company, a corporation, hereinafter referred to as "Panhandle," has succeeded to all of the right, title, and interest of Panhandle Illinois Pipe Line Company in, to, and under the above-described Agreement for Right-of-Way; and

WHEREAS, under and pursuant to the above-described Agreement for Right-of-Way, there has heretofore been constructed on and across the above-described Tract A a high-pressure natural gas transmission pipeline owned, operated, and maintained by Panhandle; and

WHEREAS, this Board of Trustees desires that Panhandle release, surrender, and relinquish all of Panhandle's rights under said Agreement for Right-of-Way in so far and in so far only as said Agreement for Right-of-Way covers, affects or pertains to the above-described Tract A, save and except, however, for a certain strip of land hereinafter described.

Now, Therefore, Be It and It Hereby Is Resolved by this Board of Trustees of THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a public corporation

of the State of Illinois, that the Comptroller and the Secretary of this Board of Trustees be, and they hereby are, authorized to execute, acknowledge, and deliver and to enter into on behalf of and in the name of this Corporation an agreement with Panhandle whereby Panhandle will release, surrender, and relinquish all of Panhandle's rights under the aforesaid Agreement for Right-of-Way in so far and in so far only as it covers, affects, or pertains to the above-described Tract A, save and except, however, as to a strip of land sixty (60) feet in width, the center line of which said strip of land (being the approximate location of the above-described pipeline of Panhandle) is described as follows, to-wit:

Entering said Tract A at a point 54.7 feet South of the North line thereof on the East line of the Illinois Central Railroad right-of-way; thence running in a southeasterly direction and leaving said described Tract A at the South line thereof at a point 1047.4 feet West of the Southeast corner of Section 24, Township 19 North, Range 8 East of the Third Principal Meridian, in Champaign County, Illinois;

said agreement shall be upon the terms and conditions as set forth in the proposed amendatory agreement entitled "Amendment of Agreement for Right-of-Way" presented to this Board of Trustees this date and on file with the Secretary of this Board of Trustees.

On motion of Mr. Johnston, these resolutions were adopted.

GRANT FOR RUSSIAN LANGUAGE AND AREA STUDIES

(21) The University of Illinois has received from Miss Doris Duke a gift of \$150,000 for a five-year period for the University's Center for Russian Language and Area Studies.

I have accepted this grant on behalf of the University and have expressed to Miss Duke the sincere appreciation of the Board of Trustees for her magnificent gift. The program for which Miss Duke's gift has been received promises to be one of the most distinguished and effective of its kind in the country. Its influence will be through the personnel trained and the research work to be done by the staff. The results will be felt in the national service as well as in commercial and cultural communities.

A memorandum prepared by the Center for Russian Language and Area Studies on the planned use of Miss Duke's gift during the five-year period 1961-66 is submitted herewith and a copy is being filed with the Secretary of the Board for record.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(22) The Comptroller's report of contracts executed during the period May 1 to 31, 1961.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Dairy Association	Effects of butterfat and corn oil in relation to the development of atherosclerosis	\$11 000 00	April 20, 1961
Commonwealth Edison Co.	Prospectus for lime-pozzolan mixtures and lime stabilization of soils	10 000 00	May 3, 1961
Cook County Truck Gardener's and Farmer's Association	Various problems of commercial vegetable farms in presence of urban expansion	2 000 00	March 1, 1961
United States Air Force AF 29 (600) 2779	Organ displacement during deceleration using implanted strain gauges	13 816 00	December 28, 1960
United States Air Force AF 33 (616) 8177	Deformation and fracture of cryocalline solids under dynamic loading	48 200 00	April 1, 1961
United States Army DA-ARO(D) 31-124-G72	Reactions of the nitrogen oxides	17 640 00	June 15, 1961
United States Army DA-ARO(D) 31-124-G73	Strain in the nucleation of solid state transformations	38 995 00	June 1, 1961
United States Army DA-J6-039 SC-87280	Quantitative determination of point and areal precipitation by radar echo measurements	80 117 00	October 1, 1961

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Atomic Energy Commission AT (11-1) 1018	Pattern recognition and data handling problems arising in the analysis of bubble chamber photographs of high energy particle events	\$99 743 00	April 1, 1961
United States Department of Health, Education, and Welfare SAE 9402	Proposal for language and area center in Russian at the University of Illinois	49 992 00	July 1, 1961
United States Navy MOBSR 83243	Investigate a wide aperture direct finder system to determine the applicability and parameter of log periodic Wallenweber array	50 000 00	March 3, 1961
United States Navy NONR 2947(02)X	Mechanics of failure in glass fiber reinforced plastics	27 217 00	April 1, 1961

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
States Attorney of Douglas County	Payment in lieu of taxes (Hackett farm)	\$ 1 322 58	April 19, 1961

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Caterpillar Tractor Co.	Behavior of U-shaped structural members subjected to torsion and flexure	\$15 000 00	March 2, 1961
Grace Chemical Co.	Nonprotein nitrogen in sheep nutrition	2 500 00	March 31, 1961
Kretschmer Corp.	Effects of use of wheat germ oil upon physical performance tests of adults and children and feasibility of its use with athletic groups	2 500 00	April 25, 1961
Portland Cement Association	Strength and deformation characteristics of reinforced concrete beam-column connections subjected to axial and transverse loads	40 000 00	May 3, 1961
Research Council on Riveted and Bolted Structural Joints	Fatigue tests on cumulative damage of structural joints	26 395 00	May 26, 1961
United States Air Force AF 18 (603) 49	Surface physics with radioactive substances	9 960 45	March 28, 1961
United States Air Force AF 18 (603) 106	Diffusion in metals	2 482 24	March 15, 1961
United States Air Force AF 19 (604) 7473	Basic properties of gaseous plasmas	50 000 00	March 28, 1961
United States Air Force AF 49 (638) 579	Electronic properties of silver and alkali halides	10 260 00	March 28, 1961
United States Air Force AF 49 (638) 819	Single dislocations in solids under static and dynamic conditions	15 864 00	April 6, 1961
United States Army DA-11-022-ORD-992	Phenomenon of superconductivity	3 008 96	May 18, 1961
United States Army DA-11-022-ORD-1983	Diazo reactions and certain ketonic rearrangements	1 145 56	May 18, 1961
United States Army DA-11-022-ORD-2525	Electrodeposition	1 720 74	May 18, 1961
United States Army DA-11-022-ORD-2835	Interplanetary flight problems	1 287 84	April 20, 1961
United States Army DA-11-022-ORD-2943	Radiometric missile tracking for lunar probe	309 38	April 27, 1961
United States Army DA-11-022-ORD-3134	Superconductive metals	3 761 28	May 18, 1961
United States Army DA-11-022-506-ORD-3488	Problem areas in the field of structural mechanics, aerodynamics, and flight mechanics, incident to the design and analysis of weapons systems	8 000 00	April 27, 1961
United States Army DA-36-039 SC 85122	Techniques for military applications	1 400 000 00	April 25, 1961
United States Army DA-49-007-MD-728	Effects of irradiated foods included in a ration fed to dogs	6 000 00	May 17, 1961

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Atomic Energy Commission AT (11-1) 67 Project No. 15	Diffusionless phase changes in non-ferrous metals and alloys	\$ 9 100 00	May 2, 1961
United States Atomic Energy Commission AT (11-1) 67 Project No. 15	Diffusionless phase changes in non-ferrous metals and alloys	48 021 00	May 18, 1961
United States Atomic Energy Commission AT (11-1) 791	Effect of X-ray irradiation on enzymatic activity and nucleic acid metabolism in seeds and seedlings of Zea mays	25 500 00	May 5, 1961
United States Atomic Energy Commission AT (11-1) 878	Synthetic capacity of irradiated ciliates	11 990 00	April 27, 1961
United States Atomic Energy Commission AT (11-1) 883	Nature of catalysts, reactants, and extraneous materials in catalytic reduction reactions	11 000 00	April 27, 1961
United States Atomic Energy Commission AT (11-1) 890	Mechanism of radiation-induced addition of tritium to carbon-carbon double bonds	8 000 00	May 11, 1961
United States Atomic Energy Commission AT (11-1) 891	Chemical reactions of energetic atoms produced by nuclear recoil or by heterogeneous flash photolysis	16 505 00	April 27, 1961
United States Navy NOBSR 64723	Restricted	75 000 00	May 3, 1961
United States Navy NONR 1834 (93)	Methods of analysis of structural and machine elements	40 000 00	April 5, 1961
United States Navy NONR 1834 (15)	Design and development of selected computer components	17 000 00	March 10, 1961
United States of America International Cooperation Administration ICAC 1238-1	Assisting the Uttar Pradesh Government in the organization and development of a United States land-grant type university	128 000 00	April 10, 1961

Adjustments Made in 1960-61 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Ten items: \$30.00 to \$349.00	\$ 1 326 00	April and May, 1961

This report was received for record.

INVESTMENT REPORT

Report of the Finance Committee

(23) Mr. Swain, for the Finance Committee, reported the following changes in investments of trust funds from January 1 through March 31, 1961:

URBANA-CHAMPAIGN

Endowment Funds

Sale

\$7 000	Central Illinois Electric and Gas	3%	2/1/75	\$ 6 055 00
5 000	Firestone Tire and Rubber	3%	5/1/61	4 989 00
5 000	National Distillers	3 3/8%	4/1/74	4 425 00
3 000	Commercial Credit	3 1/4%	6/15/61	2 988 75
1 000	P. Lorillard	3%	10/1/63	989 23
2 000	Commercial Credit	3 1/4%	6/15/61	1 992 50
1 000	Wisconsin Electric Power	3 3/8%	4/15/86	922 00

Purchase

\$21 000	Commercial Credit	3 3/8%	2/1/76	\$ 19 425 00
4 000	Commercial Credit	3 3/8%	2/1/76	3 700 00
4 000	Commercial Credit	3 3/8%	2/1/76	3 700 00
37 shares	Northern Natural Gas			1 327 55
15 000	U. S. bonds	2 3/4%	9/15/61	15 028 15
15 000	U. S. notes	4%	8/15/62	15 239 06
15 000	U. S. notes	3 1/4%	2/15/62	15 070 31
15 000	U. S. notes	2 5/8%	2/15/63	14 845 31
15 000	U. S. bonds	2 1/2%	8/15/63	14 742 19

15 000	U. S. bonds	3%	2/15/64	\$	14 835 94
15 000	U. S. notes	5%	8/15/64		15 745 31
15 000	U. S. bonds	2½%	2/15/65		14 479 69
30 000	U. S. notes	4½%	5/15/65		31 162 50

Current Funds

Exchange					
\$1 500 000	U. S. certificates	4¾%	2/15/61 for		
1 500 000	U. S. notes	3¾%	8/15/62		
Purchase					
\$1 500 000	U. S. bills		4/27/61	\$1	491 618 00
1 000 000	U. S. bills		3/16/61		998 036 11
500 000	U. S. notes	3½%	2/15/62		503 750 00

CHICAGO

Beneficial Interest in Trust Chicago Escrow

Purchase					
\$178 000	U. S. notes	3¼%	8/15/62	\$	178 000 00
Laundry Construction Purchase					
\$15 000	U. S. bills		6/23/61	\$	14 912 70

Report of the Comptroller

The Comptroller reports the following changes in unexpended plant fund investments, over which he has authority as shown.

URBANA-CHAMPAIGN

Construction Funds

Illini Union and Health Center, Board of Trustees resolution dated December 21, 1960.

Sale					
\$25 000	U. S. bills		2/16/61	\$	24 987 19
25 000	U. S. bills		2/16/61		24 990 03
50 000	U. S. bills		3/16/61		49 933 33
40 000	U. S. bills		10/16/61		39 420 00
Purchase					
\$ 664 000	U. S. bills		2/16/61	\$	663 181 07
280 000	U. S. bills		3/16/61		279 150 67
211 000	U. S. bills		4/20/61		209 867 99
256 000	U. S. certificates	4¾%	5/15/61		257 600 00
309 000	U. S. bills		6/22/61		305 884 25
347 000	U. S. bills		7/13/61		343 044 20
413 000	U. S. certificates	3½%	8/1/61		414 419 69
443 000	U. S. bonds	2¾%	9/15/61		443 484 53
381 000	U. S. bills		10/16/61		373 905 78
650 500	U. S. bonds	2½%	11/15/61		649 890 16
268 000	U. S. bills		1/15/62		260 904 03
564 000	U. S. notes	4%	2/15/62		570 873 75
766 000	U. S. notes	4%	5/15/62		776 532 50
1 760 500	U. S. bonds	2½%	6/15/62-59	1	746 195 94
230 000	U. S. bills		3/16/61		229 629 13
40 000	U. S. bills		5/18/61		39 875 56
10 000	U. S. bills		8/3/61		9 919 46
5 000	U. S. bills		9/14/61		4 943 61

Housing Revenue Bonds of 1960 Series A (Orchard Downs), Board of Trustees resolution dated June 14, 1960.

Sale					
\$ 50 000	U. S. bonds	2½%	11/15/61	\$	49 984 38
10 000	U. S. bills		4/15/61		9 958 68
129 000	U. S. notes	3¼%	8/15/62		129 342 66
Exchange					
\$574 000	U. S. certificates	4¾%	2/15/61 for		
574 000	U. S. notes	3¾%	8/15/62		

Purchase

\$109 000	U. S. bills	3/16/61	\$ 108 614 14
74 000	U. S. bills	6/22/61	73 209 33
40 000	U. S. bills	6/23/61	39 772 04

Housing Revenue Bonds of 1959 Series C and D (Peabody Drive), Board of Trustees resolution dated October 21, 1959.

Purchase

\$335 000	U. S. bills	3/16/61	\$ 333 803 12
27 000	U. S. bills	2/16/61	26 955 83
120 000	U. S. bills	3/16/61	119 828 00
350 000	U. S. bills	4/20/61	349 537 22

Assembly Hall Revenue Bonds, Board of Trustees resolution dated June 23, 1959.

Purchase

\$186 000	U. S. bills	7/15/61	\$ 183 749 40
120 000	U. S. bills	5/18/61	119 318 30
50 000	U. S. bills	5/18/61	49 768 61
265 000	U. S. bills	9/14/61	261 972 74
300 000	U. S. bills	10/16/61	295 894 30

Housing Revenue Bonds of 1959 Series B (Graduate Housing), Board of Trustees resolution dated June 23, 1959.

Purchase

\$24 000	U. S. bills	2/16/61	\$ 23 958 67
11 000	U. S. bills	3/16/61	10 984 97
9 000	U. S. bills	4/20/61	8 979 88

Housing Revenue Bonds of 1958, Board of Trustees resolution dated December 17, 1958, and March 12, 1959.

Sale

\$5 000	U. S. bills	2/23/61	\$ 4 996 30
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Purchase

\$54 000	U. S. bills	2/23/61	\$ 53 916 75
50 000	U. S. bills	3/22/61	49 915 14
45 000	U. S. bills	4/27/61	44 927 04

Sinking Funds

Illini Union and Health Center Sinking Fund, Board of Trustees resolution dated December 21, 1960.

Purchase

\$145 000	U. S. bills	3/22/61	\$ 144 509 42
142 000	U. S. bonds	2 $\frac{3}{4}$ % 9/15/61	143 557 66
139 000	U. S. notes	4% 2/15/62	143 126 36
140 000	U. S. notes	4% 5/15/62	142 992 40

Orchard Downs Sinking Fund, Board of Trustees resolution dated June 14, 1960.

Purchase

\$207 000	U. S. bills	3/22/61	\$ 206 419 25
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Peabody Drive Sinking Fund, Board of Trustees resolution dated October 21, 1959.

Purchase

\$149 000	U. S. bills	3/22/61	\$ 148 233 07
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Housing Revenue Bonds Sinking Fund, Board of Trustees resolutions dated December 17, 1958, March 12, 1959, and June 23, 1959.

Purchase

\$32 000	U. S. bills	3/23/61	\$ 31 949 87
77 000	U. S. bills	3/22/61	76 883 90
4 000	U. S. bills	3/22/61	3 979 41

Men's Residence Halls of 1957 Sinking Fund, Board of Trustees resolution dated March 12, 1957.

Purchase

\$122 000	U. S. bonds	2 $\frac{3}{4}$ % 9/15/61	\$ 122 114 38
74 000	U. S. notes	3 $\frac{1}{4}$ % 2/15/62	74 346 88

CHICAGO

Dentistry-Medicine-Pharmacy Building Sinking Fund, Board of Trustees resolution dated December 16, 1953.

Purchase

\$3 000 U. S. bonds 2½% 2/15/65 \$ 2 898 75

This report was received for record.

PURCHASES

Purchases Authorized

(24) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase was recommended on the basis of the lowest acceptable bid.

Urbana-Champaign Departments

Item	Department	Vendor	Cost
One infrared analyzer to measure carbon dioxide	Botany	Beckman Instruments, Inc., Lincolnwood	\$ 3 020 00 f.o.b. Fullerton, Calif.
1,916 mammals of various kinds, all prepared as museum research specimens and accompanied with skulls or skeletons Rodents — 1,407 Carnivores — 122 Insectivores — 114 Chiroptera — 273	Museum of Natural History	Woodrow Goodpaster, Cincinnati, Ohio	4 500 00 f.o.b. Cincinnati, Ohio
One recording oscillograph, 24-channel with 15 recording speed ranges .05 to 80 in. per second, writing speed from static traces to beyond 20,000 in. per second, plus 18 sub-miniature galvanometers	State Water Survey	Minneapolis-Honeywell, Peoria	7 476 50 f.o.b. Denver, Col.
Eight power supplies, input: 115 volt, 1 phase, 60 cycle; and output: rated 0-50kv., 3 ma D.C., continuous, ripple 3.5 per cent R.M.S., self contained, oil immersed, with output voltage control	State Water Survey	Kilovolt Corp., Hackensack, N. J.	3 664 00 f.o.b. delivered

On motion of Mr. Clement, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

Item	Department	Vendor	Cost
One lot of laboratory equipment and supplies consisting of: One nitrogen analyzer and accessories One electro-balance and accessories 12 dozen plastic cylinders 12 dozen plastic tubes 20 dozen plastic funnels 402 plastic bottles 138 packages of corks 16 dozen rolls aluminum foil	Chemistry, College of Pharmacy General Stores	LaPine Scientific Co., Chicago	\$3 301 50 delivered
2,000 dwt. type C casting gold for the period July 1, 1961, through June 30, 1962	Prosthodontics	Handy & Harman, Chicago	3 300 00 delivered
One continuous culture apparatus	Microbiology	New Brunswick Scientific Co., Inc., New Brunswick, N.J.	5 981 40 delivered
20,000 tetracycline V capsules, 250 mg. (this is a three-month supply)	Pharmacy	E. R. Squibb & Sons, Franklin Park	3 448 00 delivered
One four-channel polygraph with provision for adding two channels	Physiology	Grass Instrument Co., Quincy, Mass.	3 485 00 delivered

Item	Department	Vendor	Cost
Publication of the Chicago Undergraduate Division weekly newspaper <i>Pier Illini</i> , academic years 1961-62 and 1962-63, consisting of 4,000 copies of forty-two eight page issues and 4,000 copies of eight twelve page issues	Dean of Students, Chicago Undergraduate Division	Garfieldan Publications, Chicago	\$19 602 92
Removal of rubbish and building debris (approximately 1,800 cubic yards), from University areas at Navy Pier, during the period July 1, 1961, through June 30, 1963	Physical Plant, Chicago Undergraduate Division	Anchor Scavenger Service, Berwyn	2 610 00

Urbana-Champaign Departments

One Model 2000 addressograph	Agriculture	Addressograph Sales Corp., Peoria	\$6 441 10
One automatic feeder and conveyor stacker	Mailing Room		f.o.b. delivered
One tab-controlled stop			
Less trade-in allowance for 1 Model 1900 addressograph			
Scoring service for approximately 70,000 special answer sheets	Bureau of Educational Research	Measurement Research Center, Inc., Iowa City, Iowa	8 400 00 f.o.b. Iowa City, Iowa
20,000 type TIG germanium diodes for use in research program of Coordinated Science Laboratory	Coordinated Science Laboratory	Transitron Electronic Corp., Oak Park	3 000 00 f.o.b. Wakefield, Mass.
Five rotors, gyro, 2 in. diameter beryllium to be fabricated to specifications	Coordinated Science Laboratory	American Beryllium Co., Sarasota, Fla.	6 050 00 f.o.b. delivered
Two lots (325 tons) wheat and/or oat straw	Dairy Science	Clyde Crawford, Villa Grove 200 tons Ray Snyder, Lincoln 125 tons	2 970 00 f.o.b. delivered
One X-band sweep oscillator, cabinet mount, range 8.2 to 12.4 KMC, and One waveguide to coaxial adapter	Electrical Engineering	Hewlett-Packard Co., c/o Crossley Associates, Inc., Chicago	2 930 61 f.o.b. delivered
One complete vacuum system, 75 liters per second capacity, complete with forepump, vacuum pump and magnet, control unit, valves, fittings, and gaskets	Electrical Engineering	Varian Associates, c/o Crossley Associates, Inc., Chicago	2 761 00 f.o.b. Palo Alto, Calif.
One high resolution high contrast electron microscope, resolution 15 angstrom units guaranteed, 50 kv. accelerating voltage, magnification continuously variable from 2,000 to at least 28,000 times	Electron Microscope Laboratory	Erb & Gray Scientific, Inc., Oak Park	18 100 00 f.o.b. delivered
One lot of laboratory apparatus and equipment	General Chemical Stores	Schaar & Co., Chicago	4 104 00 f.o.b. delivered
One lot of laboratory apparatus and equipment	General Chemical Stores	Fisher Scientific Co., Chicago	3 060 80 f.o.b. delivered
One lot of laboratory equipment and apparatus	General Chemical Stores	Chicago Apparatus Co., Chicago	3 218 88 f.o.b. delivered
Laboratory apparatus	General Chemical Stores	Schaar & Co., Chicago	85 672 84 f.o.b. delivered
Eighty-four drums (54 gallons each) c.p. acetone, a one-year supply	General Chemical Stores	Acid Products Co., Inc., Decatur	3 042 90 f.o.b. delivered
7,680 pints reagent grade acetone	General Chemical Stores	Mallinckrodt Chemical Works, St. Louis, Mo.	7 813 80 f.o.b. delivered
6,900 pints reagent grade methyl alcohol			
4,320 pints reagent grade chloroform			
6,912 pounds reagent grade ether			
These quantities are estimated to be a one-year supply; shipments will be made monthly in quantities one-twelfth of the amounts stated above			
7,000 lbs. acetic acid reagent	General Chemical Stores and Physical Plant Stores	General Chemical Division, Allied Chemical Corp., Chicago	24 226 40 f.o.b. delivered
20,000 lbs. hydrochloric acid reagent			
12,000 lbs. nitric acid reagent			
35,000 lbs. sulphuric acid reagent			
6,000 lbs. ammonium hydroxide reagent			
6,250 lbs. hydrochloric acid technical			
180,000 lbs. sulphuric acid technical			
4,900 lbs. inhibited muriatic acid			

Item	Department	Vendor	Cost
One painting, "Four Seasons," by Charles Burchfield, selected from the prize group of the 1961 Contemporary Arts Festival exhibit	Krannert Art Museum	Frank K. M. Rehn, Inc., New York, N.Y.	\$6 000 00 f.o.b. delivered
Examination and technical grading service, special graduate record types of tests, for the period July 1, 1961, through June 30, 1962. Quantities are estimated with basis of current ones plus a 10 per cent enrollment increase: 1,800 aptitude 18 advanced 826 advanced aptitude	Graduate College	Educational Testing Service, Princeton, N.J.	8 262 00 f.o.b. Princeton, N.J.
One microscope stand, polarized, with carrier head for nosepiece, diaphragm insert, auxiliary lens, and accessories	Microbiology	Canal Industrial Corp., Bethesda, Md.	3 377 40 f.o.b. delivered
300,000 liters (approximately) liquid nitrogen, high purity, 99.9 per cent pure; delivered into University liquid storage containers in quantities of not less than 600 liters in each location as needed between July 1, 1961, through June 30, 1963	Physics	Linde Co., Division of Union Carbide Corp., Chicago	30 000 00 f.o.b. delivered
Yearly affiliation fee for Educational Television Programming service for the period July 1, 1961, through June 30, 1962, to include videotapes, film, and television recordings for rebroadcast on WILL-TV Channel 12	Television-Motion Pictures	National Educational Television and Radio Center, Ann Arbor, Mich.	7 500 00 f.o.b. shipping point
Print and bind 1,200 copies each of eight issues of the <i>Journal of English and Germanic Philology</i> , approximately 160 pages per copy	University Press	George Banta Co., Chicago	15 200 00 f.o.b. delivered
One electron microscope for high resolution microscopy and selected area defraction, with intermediate viewing screen and binocular magnifier for observation of final image resolution 10 angstroms or better, including installation, and full service and parts warranty for one year	Veterinary Medicine	Erb & Gray Scientific, Inc., Oak Park	30 495 00 f.o.b. delivered
One series of films of the American Institute of Biological Sciences, consisting of ten units of twelve color 16 mm. films each for a total of 120 films	Audio-Visual Aids Service	McGraw-Hill Book Co., Inc., New York, N.Y.	23 760 00 f.o.b. destination
18,000 pounds of writing paper pads, white, plain, 100 sheets per pad, assorted as follows: 2,000 lbs. 3 in. x 5 in. 2,000 lbs. 4 in. x 6 in. 4,000 lbs. 3½ in. x 8½ in. 10,000 lbs. 8½ in. x 11 in.	Office Supply Store	Rockwell-Barnes Co., Elk Grove Village	2 906 76 f.o.b. delivered
One microscope stand, polarized, with carrier head for nosepiece, diaphragm insert, auxiliary lens, and accessories	Zoology	W. H. Kessel & Co., Chicago	2 892 86 f.o.b. delivered
175 uniforms for Army Advanced R.O.T.C. students 80 uniforms for Air Force Advanced R.O.T.C. students	Military	Goldblatt Bros., Champaign	28 264 75 f.o.b. delivered
Laundry service for Allerton House linen items and guest laundry and dry cleaning for the period July 1, 1961, through June 30, 1963	Allerton House	Normans Laundry & Dry Cleaning, Decatur	5 332 00 f.o.b. delivered
Uniform and linen rental service as required for the two-year period July 1, 1961, through June 30, 1963	Veterinary Medicine	Champaign-Urbana Clean Towel Service, Champaign	7 733 60

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Rental of approximately 100,000 coats, military collar, white, and 165,000 aprons, bib and waist type, white, for the two-year period July 1, 1961, through June 30, 1963, for Illini Union, Residence Halls, and Home Economics Cafeterias	Various Departments	Illini Linen Service, Urbana	\$ 38 200 00 (2 per cent, twenty days)
Uniforms and accessories for Housing Division food service for the year 1961-62 221 dozen uniforms 110 dozen tea aprons 32 dozen bib aprons 34 dozen bandettes 20 dozen headbands	Housing Division	Angelica Uniform Co., St. Louis, Mo.	7 840 80 f.o.b. delivered
China supply for Men's Residence Halls: 125 dozen 9 $\frac{1}{4}$ in. dinner plates 250 dozen 6 $\frac{1}{4}$ in. salad plates 200 dozen fruit sauce dishes 150 dozen cups 150 dozen saucers 250 dozen soup nappies	Housing Division	E. A. Hinrichs & Co., Chicago	8 884 25 f.o.b. delivered
China supply (replacement items) for Women's Residence Halls: 75 dozen 9 $\frac{1}{4}$ in. dinner plates 150 dozen 6 $\frac{1}{4}$ in. salad plates 250 dozen fruit plates 150 dozen saucers 250 dozen oatmeal bowls 10 dozen sugar bowls, with lids 150 dozen cups	Housing Division	American China & Glassware Co., Chicago	6 633 15 f.o.b. delivered
Rock salt as needed during the period July 1, 1961, through June 30, 1963; approximately 30,000 — 50-lb. bags, and approximately 160 tons (bulk) rock salt	Housing Division Physical Plant	Gunther Salt Co., St. Louis, Mo. Bags of rock salt International Salt Co., Clarks Summit, Pa. Bulk rock salt	20 175 00 2 528 00 f.o.b. delivered
Two alphanumeric accounting machines with automatic sort and memory control keys and electrified typewriter keyboard, less trade-in of one Burroughs bookkeeping machine	Illini Union	Burroughs Corp., Decatur	11 992 80
Binding (book and serial volumes) for all University libraries (Urbana, Chicago Professional Colleges, and Chicago Undergraduate Division) for the two-year period July 1, 1961, through June 30, 1963	Library	The Book Shop Bindery, Chicago Burmeyer Book Bindery, Inc., Chicago Hertzberg-New Method, Inc., Jacksonville	10 000 00 5 000 00 100 000 00 f.o.b. delivered
Miscellaneous graphic arts supplies of plates, films, papers, chemicals, and covers as requested by the University of Illinois Print Shop for the period July 1, 1961, through June 30, 1963	Print Shop	Roberts & Porter, Inc., Chicago	4 557 60 f.o.b. delivered
Services of engineer for supervision of overhaul and inspection of turbine generators and other associated equipment at Abbott Power Plant to be furnished as requested during the period July 1, 1961, through June 30, 1962	Physical Plant	General Electric Co., St. Louis, Mo.	7 500 00
Laboratory furniture for the Physiology Research Laboratory	Physical Plant	Walrus Manufacturing Co., Decatur	3 933 45 f.o.b. delivered
Three trash containers, 30 cubic yard capacity, to be used with huge haul hoist equipment presently installed on a University truck	Physical Plant	Coleman & Associates, Rockford	8 232 00 f.o.b. delivered
Toilet tissue and paper towels for Urbana and Chicago Departments for the period July 1, 1961, through June 30, 1963: 3,050 cases toilet tissue 7,800 cases paper towels	Physical Plant	North American Paper Co., Chicago	55 732 45 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Building materials as required for the period July 1, 1961, through June 30, 1962: 500 sheets tapered edge wallboard 164 sheets Transite and Flexboard 100 sheets Cornell or Chippewa board 40 sheets Pegboard or Shobord 60 sheets Celotex white building board 150 sheets Tempered Masonite or Hines Allwood Hardboard	Physical Plant	Hillcrest Lumber Co., Champaign	\$3 146 04 f.o.b. delivered
Approximately 1,475 sheets plywood, assorted grades and sizes as required for the six-month period July 1, 1961, through December 31, 1961	Physical Plant	Hillcrest Lumber Co., Champaign	7 152 96 f.o.b. delivered
Wet storage batteries: 50 No. 1 25 No. 2L 300 No. 2 25 No. 24S 60 No. 29N	Physical Plant	Montgomery Ward & Co., Urbana	5 575 71 f.o.b. delivered
To be purchased as required during the two-year period, July 1, 1961, through June 30, 1963			
Approximately 2,000 tons of torpedo sand and crushed rock to be furnished in carload lots as requested, for the period July 1, 1961, through June 30, 1963: 1,000 tons torpedo sand 1,000 tons class X crushed rock	Physical Plant	Alpha Material & Fuel Co., Champaign Crushed rock Material Service, Danville Torpedo sand	2 700 00 1 490 00 f.o.b. delivered
Approximately 6,000 tons crushed stone, No. 8 (road binder), to be delivered as needed for the period July 1, 1961, through June 30, 1963; the crushed stone to conform to the State of Illinois Division of Highways standard specifications	Physical Plant	Harold Smith Trucking, Camargo	16 500 00 f.o.b. delivered
Approximately 500,000 lbs. dry ice in 10 in. x 10 in. x 10 in. cubes for use in research laboratories as required for the period July 1, 1961, through June 30, 1963	Various Departments	Pure Carbonic Co., Newark, N.J.	23 750 00 f.o.b. delivered from Terre Haute Ind., to Urbana
Synthetic floor finish to be furnished to the Urbana campus and Chicago Professional Colleges as required during the period July 1, 1961, through June 30, 1962 2,700 gallons packed in five-gallon cans 5,040 gallons packed in fifty-five gallon drums	Physical Plant	R. M. Hollingshead Corp., Camden, N.J.	10 109 48 f.o.b. delivered
2,400 (approximately) oil specimens to be analyzed for motor vehicle fleet operation during the period July 1, 1961, through June 30, 1963	Physical Plant	Faber Laboratories, Chicago	4 416 00 f.o.b. delivered
Cylinder and bulk propane gas to be furnished as required for the period July 1, 1961, through June 30, 1963	Various Departments	Jack Bell Gas Co., Urbana Bulk propane gas Chief Gas Service, Inc., Urbana Cylinder propane	13 000 00 6 500 00 f.o.b. delivered
Gasoline, fuel oil, solvent, kerosene, motor oils, greases, and industrial oils to be furnished to various University departments as requested during the two-year period July 1, 1961, through June 30, 1963	Various Departments	Cities Service Oil Co., Staley Stewart Oil Co., Champaign Sinclair Refining Co., Chicago	81 255 87 35 412 96 3 404 00 f.o.b. delivered
Aviation gasoline 200,000 gallons 80/87 grade 240,000 gallons 91/96 grade 120,000 gallons 100/130 grade 200,000 gallons kerosene (Type A) aviation turbine fuel To be furnished as required during the two-year period July 1, 1961, through June 30, 1963	Institute of Aviation	Texaco, Inc., Chicago	140 844 00 f.o.b. delivered

Item	Department	Vendor	Cost
4,980 gallons aviation motor oil, grades 65, 80, 100, and 120, as required by Aircraft Maintenance Shop at University of Illinois Airport during the two-year period July 1, 1961, through June 30, 1963	Institute of Aviation	Phillips Petroleum Co., St. Louis, Mo.	\$3 746 95 f.o.b. delivered
One California laboratory pellet mill complete with pellet mill and feeder, table mounted with complete TE electrical for 3-phase, 60-cycle 220/440-volt operation including 2 h.p. 1800 r.p.m. drive motor, fractional horsepower feeder motor, starter, ammeter, and pushbutton	Animal Science	California Pellett Mill Co., Crawfordsville, Ind.	3 417 00 f.o.b. delivered
Analytical centrifuge, ultrahigh speed, with accessories, for speeds up to 290,000 r.p.m. x gravity, for use in chemical and biological analyses	Chemistry and Chemical Engineering	Spinco Division, Beckman Instruments, Inc., Palo Alto, Calif.	28 182 00 f.o.b. delivered
One recording ultraviolet and visible spectrophotometer, double beam	Chemistry and Chemical Engineering	The Perkin-Elmer Corp., Chicago	4 225 00 f.o.b. delivered
One vacuum ultraviolet monochromator and accessories	Chemistry and Chemical Engineering	McPherson Instrument Corp., Acton, Mass.	10 775 00 f.o.b. Acton, Mass.
1,600 sets (approximately), 30 prints per set, student personnel data sheets, 8½ in. x 11 in., as needed during the period July 1, 1961, through June 30, 1963	College of Engineering	The Interstate Printers & Publishers, Inc., Danville	4 800 00 f.o.b. delivered
One continuous spectrophotometer for reflectance measurements with linear wavelength presentation, minimum wavelength range from 380 to 1,050 millimicrons and digitized readout to an IBM card punch and/or printed tape	Forestry	Fisher Scientific Co., Chicago	17 740 00 f.o.b. delivered
One counter, model B, with vacuum pump	Microbiology	Coulter Electronic Sales Co., Chicago	6 800 00 f.o.b. delivered
One automatic size to be used with counter			
One environmental incubator-shaker with two accessory gyrotory shaker platforms to accommodate 500 ml. and 2 liter erlenmeyer flasks	Microbiology	New Brunswick Scientific Co., Inc., New Brunswick N.J.	2 958 00 f.o.b. delivered
One laboratory isostatic press stand complete, mounted on casters	Mining and Metallurgical Engineering	High Pressure Equipment Co., LaGrange Park	3 850 00 f.o.b. delivered
Three oscilloscopes, D.C.-15MC, 0.23 nanoseconds rise time, with 22 calibrated sweep rates from 0.2 microseconds/cm. to 2 seconds/cm., plus three mobile carts and three viewing hoods	Physics	Tektronix, Inc., Park Ridge	2 712 00 f.o.b. Portland, Ore.
Radiation detection film badge service for the period July 1, 1961, through June 30, 1963: 8,320 Beta-gamma film badges 260 Beta-gamma finger badges 2,860 Neutron-beta-gamma badges	Physics	R. S. Landauer, Jr. & Co., Matteson	7 228 00 f.o.b. delivered
One leak detector, helium mass spectrometer type, portable, with remote and audible metering and alarm system, high sensitivity	Physics	Vacuum-Electronics Corp., Chicago	4 000 00 f.o.b. delivered
One microscope, research panphot metallographic with camera and accessories	Physics	W. H. Kessel & Co., Chicago	4 925 00 f.o.b. delivered
Print and bind 2,000 copies of <i>The Lewis and Clark Expedition: Correspondence and Related Documents</i> , edited by Donald D. Jackson	University Press	The Colonial Press, Inc., New York, N.Y.	9 588 29 f.o.b. delivered
Print and bind 2,000 copies of <i>Mapuche Social Structure</i> , by L. C. Faron	University Press	North Central Publishing Co., St. Paul, Minn.	2 518 51 f.o.b. delivered
Print and bind four issues of the <i>Illinois Studies in Language and Literature</i> , 1,000 copies per issue, approximately 160 pages per copy	University Press	The North Central Publishing Co., St. Paul, Minn.	8 000 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Print and bind two issues of <i>Illinois Biological Monographs</i> , 1,000 copies per issue, approximately 160 pages per copy	University Press	Pantagraph Printing & Stationery Co., Bloomington	\$ 7 500 00 f.o.b. delivered
Print and bind four issues of <i>Illinois Studies in the Social Sciences</i> , 1,000 copies per issue, approximately 160 pages per copy	University Press	Pantagraph Printing & Stationery Co., Bloomington	10 000 00 f.o.b. delivered
513 reams bond paper, No. 4 sulphite in assorted sizes and colors as follows: 120 reams 22 in. x 34 in. white 240 reams 22 in. x 34 in. green 24 reams 22 in. x 34 in. blue 120 reams 22 in. x 34 in. white 9 reams 24 in. x 38 in. green	Office Supply Store	Graham Paper Co., St. Louis, Mo.	2 706 68 f.o.b. delivered
One offset duplicator for printing maximum paper stock size of 11 in. x 17 in. with sheet detector, black-white and colored ink process, adjustable in control	Division of University Extension	Addressograph-Multigraph Corp., Peoria	4 159 75 f.o.b. delivered
One depth moisture gauge, one portable scaler, and four gauges to provide readings of surface moisture, surface density, depth moisture, and depth density of soils	State Water Survey	Nuclear-Chicago Corp., Des Plaines	3 006 48 f.o.b. delivered
1,240,000 envelopes, assorted sizes and types	Office Supply Store	Moser Paper Co., Chicago	8 148 45 f.o.b. delivered
300 tons (approximately) pea size coke to be delivered directly to bins at various Temporary Housing Division locations during the 1961-62 heating season	Housing Division	Mooney Coal Co., Urbana	7 875 00 f.o.b. delivered
Garbage and trash disposal service for Stadium Terrace, Illini Village, and Arbor Suites, for period July 1, 1961, through June 30, 1963	Housing Division	Varner's Hauling System, Urbana	9 206 88
Trash disposal service for Illini Union for period July 1, 1961, through June 30, 1963	Illini Union	Varner's Hauling System, Urbana	3 000 00
Laundry service for period July 1, 1961, through June 30, 1963	Various Departments	Shelton Laundry, Urbana All departments except Physical Education White Line Laundry, Inc., Champaign, and Model Souders, Inc., Champaign Physical Education	115 545 36 18 891 36 (134 436 72)
Fourteen four-door sedans Three station wagons One van truck, 1½ ton These are to replace vehicles in the present University fleet except nine sedans and two station wagons which are additions to the fleet	Physical Plant Office Supply Store	University Ford Sales, Champaign Four compact sedans One station wagon One van truck Rogers Chevrolet Co., Rantoul Five compact sedans Four standard sedans Two station wagons Courtesy Motor Sales, Inc., Chicago (Ford) One standard sedan (police)	2 010 20 998 15 2 861 11 8 423 25 7 446 04 4 578 28 771 00 (27 088 03) All prices f.o.b. delivered

On motion of Mr. Clement, these purchases were authorized.

DIRECTOR OF OFFICE OF INSTRUCTIONAL RESEARCH

(25) The Vice-President and Provost recommends the appointment of Dr. Robert G. Demaree as Associate Professor of Psychology on indefinite tenure and Director of the Office of Instructional Research beginning June 1, 1961, and continuing through August 31, 1962, at a salary of \$14,000 on a twelve-month service basis. The appointment is supported by the Head of the Department of

Psychology, the Dean of the College of Liberal Arts and Sciences, and the Dean of the Graduate College.

I concur.

On motion of Mrs. Watkins, this appointment was approved.

HEADSHIP OF DEPARTMENT OF PEDIATRICS

(26) The Dean of the College of Medicine and the Vice-President in charge of the Chicago Professional Colleges recommend the appointment of Dr. Irving Schulman, Professor of Pediatrics at Northwestern University Medical School, as Professor of Pediatrics on indefinite tenure and Head of the Department of Pediatrics beginning September 1, 1961, at an annual salary of \$24,850 on a twelve-month service basis. This appointment is to fill the vacancy created by the retirement of Dr. Heyworth N. Sanford.

The nomination for this appointment was made by a special search committee¹ appointed to canvass the field for available and qualified candidates. It is supported by the Medical Director of the Research and Educational Hospitals and Associate Dean of the College of Medicine, the Vice-President and Provost, and the Dean of the Graduate College.

I concur.

On motion of Mrs. Watkins, this appointment was approved.

LEASES OF OFFICE QUARTERS FOR DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(27) The Business Manager of the Chicago Colleges and the Vice-President and Comptroller recommend renewal of leases for office quarters occupied by the Division of Services for Crippled Children as follows:

Springfield. Offices at 1105 South Sixth Street, Mr. and Mrs. Jacob E. Reisch, owners, at a rental of \$550 a month (total, \$13,200), for two years from July 1, 1961.

Offices at 101 South Fifth Street, Henry S. Miller as agent for Morris R. and Alan J. Myers, at a rental of \$165 a month (total \$3,960), for two years from July 1, 1961.

Belleville. Offices at 10 West Washington Street, Security Abstract and Title Company, owners, at a rental of \$260 a month (total, \$6,240), for two years from July 1, 1961.

Peoria. Offices in the Central National Bank Building, Central National Bank and Trust Company, owners, at a rental of \$270 a month (total, \$6,480), for two years from July 1, 1961.

Urbana. Offices at 602 South Broadway, V. W. Hurlbert, owner, at a rental of \$110 a month (total, \$2,640), for two years from July 1, 1961.

Rock Island. Offices at 300 Twentieth Street, Frank Skafidas, owner, at a rental of \$125 a month (total, \$3,000), for two years from July 1, 1961.

Normal. Offices at 205½ North Street, Anita M. Rhodes, owner, at a rental of \$125 a month (total, \$3,000), for two years from July 1, 1961.

Rockford. Offices at 119 North Church Street, 119 North Church Street Corporation, owner, at a rental of \$255 a month (total, \$6,120), for two years from July 1, 1961.

The terms of the new leases at Belleville, Peoria, Springfield, Urbana, Rock Island, and Normal are the same as those in effect in previous leases.

The office at Rockford is to be relocated on July 1, 1961. The space previously rented was not adequate, and since some additional staff are to be added, it was necessary to find new quarters. Annual cost per square foot on the new lease will be \$4.08 compared with \$3.47 on the old lease.

The Division has funds in its budget for the rentals.

The Director of the Division of Services for Crippled Children and the

¹ Mark H. Lepper, Professor of Preventive Medicine and Head of the Department; Chairman; Edward J. Beattie, Jr., Professor of Surgery and member of the staff of Presbyterian-St. Luke's Hospital; Orville T. Bailey, Professor of Neurology; William F. Mengert, Professor of Obstetrics and Gynecology and Head of the Department; Arnold V. Wolf, Professor of Physiology and Head of the Department; Benjamin M. Gasul, Clinical Professor of Pediatrics.

Vice-President in charge of the Chicago Professional Colleges concur in these recommendations. I recommend approval.

On motion of Mr. Clement, these leases were authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

REFUND OF PORTION OF FAUCETT-UMPHREY CORPORATION BID DEPOSIT

(28) The Faucett-Umphrey Corporation, Bloomfield, Indiana, which last year was awarded a contract for residence halls furniture, failed to furnish the bond required. The Board of Trustees rescinded the award of the contract to that Corporation, awarded the contract to the next lowest bidder, and authorized the retention by the University of Faucett-Umphrey's bid deposit of \$7,500 as liquidated damages for failure to comply with the contract requirements. Subsequently, the Board denied a request from Faucett-Umphrey Corporation that the Board reconsider its action relative to the retention of the bid deposit.

Faucett-Umphrey Corporation employed attorneys to institute suit against the University to recover the amount of the bid deposit. As a result of negotiations, Faucett-Umphrey has agreed to limit its demand for the return of the bid deposit to that portion which exceeds damages actually sustained by the University in consequence of Faucett-Umphrey's failure to furnish the bond and perform. Those damages consist in the difference, \$6,046.64, between Faucett-Umphrey's bid and that of the next lowest bidder, and various items of expense, totaling approximately \$450 incurred by the University in connection with attempting to aid Faucett-Umphrey in securing the required bond and in connection with the action taken when Faucett-Umphrey was unable to furnish it. Accordingly, the bid deposit of \$7,500 exceeded by approximately the sum of \$1,000 the damages and expenses which the University has sustained in consequence of Faucett-Umphrey's inability to furnish the bond and to carry out the contract.

At the time the Board of Trustees took the actions referred to, it was not possible to determine the full amount of the damages which would actually be sustained by the University since there was a possibility that the next lowest bidder might not be able, because of the delay in awarding the contract, to complete performance of the contract by the time the University would need the furniture and the University might thereby sustain additional damages. Fortunately, this did not develop, and \$6,500 is sufficient to reimburse the University for all of the damages it actually sustained and expenses it incurred as a result of Faucett-Umphrey's failure to furnish bond.

Faucett-Umphrey's attorneys have now notified the Legal Counsel that their client will accept \$1,000 in full settlement of the claim for return of the bid deposit; settlement of the claim upon this basis is equitable and just for the reasons stated. Accordingly, the Director of Purchases, the Vice-President and Comptroller, and the Legal Counsel recommend that upon receipt by the University of a full and complete release from Faucett-Umphrey Corporation the sum of \$1,000, constituting a portion of Faucett-Umphrey Corporation's bid deposit, be refunded.

I concur.

On motion of Mr. Johnston, this recommendation was approved, and authority was given as requested.

CONTRACT FOR MINOR BUILDING ALTERATIONS AND REPAIRS

(29) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of the following cost-plus contracts for minor building alterations and repairs and construction work for the period July 1, 1961, through March 31, 1962. These contracts are for work which would not justify the cost of preparing separate drawings and specifications and of separate bidding procedures on each project. This is a practice which the University has followed for a number of years. In essence, the several contractors bid on percentages to be added to actual material, labor, and subcontract costs, depending in many cases

on the size of the particular division of work within specified limits of four ranges:

General—Clarence H. Siems Company, Urbana

Electrical—Potter Electric Service, Inc., Urbana

Plumbing—Thomas Plumbing and Heating Company, Urbana

Heating, Piping, Refrigeration, and Automatic Temperature Control Systems—

David W. Reichard Plumbing and Heating, Urbana

Ventilating and Distribution Systems for Conditioned Air—F. R. Inskip and Company, Champaign.

The work will be done as ordered by the Physical Plant Department and will be paid for on the basis of the actual cost of each job plus contractors fees. A schedule of bids taken showing the percentages to be added for work to be executed under these cost-plus contracts is submitted herewith and a copy of the schedule is being filed with the Secretary of the Board for record as the basis for the contract awards recommended. No assignment of funds is requested at this time and each job will be covered by a contract change order charged against funds allocated for the project.

It is further recommended that the Comptroller be authorized to approve orders under these contracts up to \$25,000 on each project provided that any orders exceeding this amount shall be submitted to the Board of Trustees for approval in advance, in accordance with previous practice and authorization.

I concur.

On motion of Mr. Swain, these contracts were authorized, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

GRANT TO COORDINATED SCIENCE LABORATORY

(30) The University has received official notice that the Advanced Research Projects Agency (ARPA) of the Department of Defense has made available to the United States Army Signal Corps \$990,000 as a grant to the University of Illinois for the purpose of strengthening high-speed computing facilities at the Coordinated Science Laboratory. This grant was made from a special \$4,500,000 fund being allocated to ten university laboratories supported by the Department of Defense and engaged in interdisciplinary research.

The grant will be principally used to acquire a large digital computing system to be installed at the Coordinated Science Laboratory in the near future. This system will consist of a bank of high-speed magnetic tape storage units and an all transistorized central computer having 32,768 words of magnetic core memory and operating at rates up to 100,000 computations per second.

Also partially supported by this award is an experimental short word length computer now under construction at the Coordinated Science Laboratory. This experimental computer is designed primarily for nonarithmetical operations and will be used in experiments in real-time logical data processing.

This grant will materially strengthen the facilities of the University for high-speed computing. Current research programs at the Coordinated Science Laboratory benefiting by this award involve adaptive control systems, research studies in the physics of surfaces, plasma physics, applications of digital computers in real-time games, and automatic teaching machine studies.

I have acknowledged the grant with an appropriate expression of appreciation on behalf of the Board of Trustees and other University officials, and report it for record.

This report was received for record.

At this point, the President of the Board ordered a five-minute recess prior to taking up consideration of the following item of business.

INCORPORATION OF HULL HOUSE IN UNIVERSITY OF ILLINOIS CAMPUS IN CHICAGO

(31) Before presenting this report and his recommendations, President Henry made an introductory statement reviewing the considerations given by the officials

of the city of Chicago and of the University to the question of preserving some part of the buildings which comprise the Hull House group, in accordance with the vote of the Board of Trustees on February 15, 1961, that no steps be taken to remove Hull House until the Board has a chance to investigate further. The President's report and recommendations follow.

In accepting the offer of the city of Chicago of the Harrison-Halsted Street site for the new University of Illinois campus in Chicago on February 15, 1961, the Board of Trustees instructed the architects to consider ways and means of suitably memorializing Hull House—its work and the great tradition it represents.

Reports from the University's planning staff and Skidmore, Owings, and Merrill, Architects and Engineers, who have been doing the site planning for the new campus, indicate that it is architecturally practicable to retain the original unit of Hull House on its present location, i.e., the Hull Mansion in which Jane Addams began her work. The restored building will be suitable for small group meetings and conferences and a memorial center for Jane Addams' mementoes.

Accordingly, I recommend that the Board of Trustees approve a plan offered by the architects to incorporate the original Hull House as part of the new University of Illinois campus in Chicago. It is not recommended that any of the extensions of Hull House, which now occupy almost a full city block, be preserved, because of the University's need for heavy utilization of the land area whose use is already restricted by the necessity of retaining existing utilities. To remove these utilities, which take about twelve acres of otherwise buildable land out of such use, would cost upwards of \$25,000,000.

In the plan offered by the architects, the original Hull House and the Jane Addams garden would be restored and incorporated into the new campus layout. Since public funds available for the development of the campus must be used entirely for the facilities programmed to meet the educational needs of the anticipated enrollments, special financing will be needed for the reconstruction, for continuing maintenance of the structure, and for its use in a way that will be a fitting memorial to Jane Addams. Consequently, in making this recommendation that the architects be authorized to proceed with plans to keep the original unit of Hull House and to restore the Jane Addams garden, I also request authority to seek a gift or gifts from private donors to underwrite the financial requirements for the restoration and additional funds for maintenance of the center. From the public interest expressed in an appropriate memorial to Miss Addams, it is believed that many people throughout the country will respond to a request for financial aid in meeting the objective here outlined.

The restored building and garden will not only be a significant landmark for the new campus and for Chicago; its identity with Jane Addams and the tradition associated with her will be a continuing inspiration for students and others who may have occasion to use or to visit the center.

Following the presentation by President Henry of the foregoing statement and recommendations, the President of the Board announced that representatives of Hull House and of "Save Hull House Committee" were at the Board meeting having previously requested the opportunity of being heard and having been granted that privilege. He called on the two delegations.

Mrs. Florence Scala, 1030 West Taylor Street, Chicago, representing the "Harrison-Halsted Group," Miss Jessie Binford, a Resident of Hull House, and Mr. Russell Ballard, Executive Director of Hull House, made statements asking that all of the buildings in the area from Halsted Street west to the alley be preserved.

Mr. Len Bishop, Mrs. Mary Vincent, and Mr. John Vincent of "Save Hull House Committee" also made statements in support of the preservation of some of the buildings, in addition to the original Hull Mansion.

The hearing of the two delegations having been concluded, on motion of Mr. Clement, the Board recessed for luncheon.

When the Board reconvened, it resumed consideration of President Henry's recommendations relating to Hull House, and the President of the Board called for a discussion of them.

At the conclusion of the discussion, on motion of Mr. Swain, the President's recommendations were approved and authority was given as requested.

On this motion, Mr. Pogue voted "No." Mr. Dilliard and Mr. Johnston asked to be recorded as "Present but not voting."

JULY AND AUGUST MEETINGS

Under the By-Laws of the Board, the next meeting would be held on July 19 unless the date is changed by the Board, or by order of the President thereof. President Williamson announced that due to the late decisions in Springfield on the University's state appropriations for 1961-63, the University's internal operating budget for 1961-62 can not be prepared for consideration by the Board in July, and that a meeting for this purpose in August will be necessary. It was the consensus of the Trustees that the July meeting should be omitted and that the Board hold a meeting in August. Accordingly, the President stated that he would order the July meeting omitted and would call a meeting in August.

DEGREES CONFERRED IN JUNE

The Secretary presented for record the following lists of degrees conferred at the Chicago Professional Colleges exercises on June 9, 1961, and on other dates indicated, and at Urbana-Champaign on June 17, 1961, in accordance with the authorization of the Board of Trustees.

Summary

Honorary Degrees, conferred at Urbana:

Doctor of Laws.....	2
Doctor of Letters.....	1
Doctor of Science.....	2
<i>Total, Honorary Degrees.....</i>	<i>(5)</i>

Degrees in the Graduate College, conferred at Urbana:

Doctor of Philosophy.....	153
Doctor of Education.....	8
Doctor of Musical Arts.....	3
Master of Arts.....	96
Master of Science.....	365
Master of Music.....	6
Master of Education.....	75
Master of Social Work.....	33
Master of Fine Arts.....	9
Master of Accounting Science.....	10
Master of Architecture.....	10
Master of Comparative Law.....	2
Master of Commerce.....	3
Master of Business Administration.....	5
Advanced Certificate in Education.....	5
<i>Total, Graduate College.....</i>	<i>(783)</i>

Degrees in Law, conferred at Urbana:

Bachelor of Laws.....	46
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Degrees in Veterinary Medicine, conferred at Urbana:

Bachelor of Science.....	26
Doctor of Veterinary Medicine.....	35
<i>Total, Veterinary Medicine.....</i>	<i>(61)</i>

Baccalaureate Degrees, conferred at Urbana:

Bachelor of Science, College of Agriculture.....	168
Bachelor of Science, College of Engineering.....	332
Bachelor of Arts, College of Liberal Arts and Sciences.....	303
Bachelor of Science, College of Liberal Arts and Sciences.....	224
Bachelor of Science, College of Education.....	168
Bachelor of Science, College of Commerce and Business Administration	218
Bachelor of Science, College of Journalism and Communications.....	55
Bachelor of Architecture, College of Fine and Applied Arts.....	88
Bachelor of Fine Arts, College of Fine and Applied Arts.....	56
Bachelor of Music, College of Fine and Applied Arts.....	12
Bachelor of Science, College of Fine and Applied Arts.....	31
Bachelor of Science, College of Physical Education.....	63
Bachelor of Science, Division of Special Services for War Veterans....	13
<i>Total, Baccalaureate Degrees.....</i>	<i>(1,838)</i>
<i>Total, Degrees Conferred at Urbana.....</i>	<i>(2,621)</i>

Degrees in the Graduate College, conferred at Chicago:

Doctor of Philosophy.....	12
Master of Science.....	32
<i>Total, Graduate College.....</i>	<i>(44)</i>

Degrees in Dentistry, conferred at Chicago:

Bachelor of Science.....	1
Doctor of Dental Surgery.....	72
<i>Total, Dentistry.....</i>	<i>(73)</i>

Degrees in Medicine, conferred at Chicago:

Bachelor of Science in Occupational Therapy.....	15
Doctor of Medicine.....	169
<i>Total, Medicine.....</i>	<i>(184)</i>

Degrees in Nursing, conferred at Chicago:

Bachelor of Science.....	15
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Degrees in Pharmacy, conferred at Chicago:

Bachelor of Science.....	83
<i>Total, Degrees Conferred at Chicago.....</i>	<i>(399)</i>
<i>Total, Urbana and Chicago.....</i>	<i>3,020</i>

*Degrees Conferred at Urbana***HONORARY DEGREES****Degree of Doctor of Laws**

MARTIN PAUL CATHERWOOD

LAWRENCE A. KIMPTON

Degree of Doctor of Letters

HARRIS FRANCIS FLETCHER

Degree of Doctor of Science

POLYKARP KUSCH

SEWALL WRIGHT

GRADUATE COLLEGE**Degree of Doctor of Philosophy***In Accountancy*

- HERSHEL MURRAY ANDERSON, B.B.A., North Texas State College, 1955; M.P.A., University of Texas, 1957
NICHOLAS DOPUCH, B.S., Indiana State Teachers College, 1957; M.S., 1959

In Aeronautical Engineering

- EDWARD ALEXANDER STANNARD, B.M.E., Syracuse University, 1950; M.S., 1957

In Agricultural Economics

- WILLIAM HARRELL ALEXANDER, B.S., M.S., Louisiana State University, 1942, 1946
ROBERT LAWRENCE JOHNSTONE, B.S., M.S., University of Kentucky, 1948, 1957

In Agronomy

- HWEI-HSIEN CHENG, A.B., Berea College, 1956; M.S., 1958
JOE HOWARD CHERRY, B.S., University of Tennessee, 1957; M.S., 1959
ROBERT LOUIS HARRISON, B.S., M.S., Oklahoma State University of Agriculture and Applied Science, 1954, 1957
CLIFFORD K. MARTIN, B.S., M.S., University of Kentucky, 1955, 1956
DANIEL MARTIN HENRY SIMPSON, B.S., 1953
PHILLIP WAYNE WATKINS, B.S., University of Tennessee, 1956; M.S., 1959

In Animal Science

- LEROY JEROME HIRSCH, B.S., Roosevelt University, 1953; M.S., 1955
JAMES TERRELL TOLLETT, B.S.A., M.S., University of Arkansas, 1957, 1958

In Botany

- RAJNI VARMA GOVINDJEE, B.S., M.S., University of Allahabad, 1953, 1955
ANTHONY EUGENE LIBERTA, A.B., Knox College, 1955; M.S., 1959
HENRY WILLIAM RADLOFF, JR., B.S., Elmhurst College, 1952; M.S., 1953

In Business

- WARNER OTTO BRANDENBURG, B.S., Northwestern University, 1937; Graduate United States Air Force Institute of Technology, 1953; M.S., 1960

In Ceramic Engineering

- CLIFTON GEORGE BERGERON, B.S., M.S., 1950, 1959
GENE HENRY HAERTLING, B.S., University of Missouri School of Mines and Metallurgy, 1954; M.S., 1960

In Chemical Engineering

- GLEN FRANCIS CRUM, B.S., M.S., 1948, 1958
DAVID WALSH GREGG, A.B., Dartmouth College, 1957; M.S., 1959
JOHN WINDSOR HARDING, B.S., M.S., 1954, 1959
ROBERT ERNST JOHNK, B.S., University of Missouri, 1947; M.S., 1957
JOHN CLARENCE ZAHNER, B.S., M.S., 1956, 1959

In Chemistry

- WILLIAM EDWARD ADCOCK, A.B., Millikin University, 1957; A.M., 1959
HARRY BABAD, B.S., Polytechnic Institute of Brooklyn, 1956; M.S., 1961
JAMES RICHARD BECK, B.S., University of California (Berkeley), 1957
WESLEY GEORGE BENTRUDE, B.S., Iowa State University, 1957
VERNON CECIL BODE, B.S., University of Missouri, 1955
ALICE JEAN BURTON, B.S., University of Michigan, 1957
JOHN ROBERT CARSON, B.S., University of Nebraska, 1957
DONALD LAVERNE DE VRIES, A.B., Hope College, 1957
EDWARD JOE FRIHAUF, B.S., Kent State University, 1958; M.S., 1960
JAMES CAMERON HILL, B.S., Northwestern State College (Louisiana), 1957; M.S., 1960
JAMES EDWARD HUHEEY, B.S., University of Cincinnati, 1957; M.S., 1959
RICHARD KARL KURZ, B.S., St. John Fisher College, 1957

- JEROME JORDAN LOOKER, A.B., Kenyon College, 1958; M.S., 1960
 COLIN RICHARD MCARTHUR, B.S., M.S., University of Western Ontario, 1957, 1958
 PAUL EDWARD MCMAHON, B.S., St. Michael's College, 1954; M.S., University of Vermont, 1956
 NANCY CELIA ELEANOR SANDELIN PAISLEY, A.B., University of Minnesota, 1957; A.M., 1959
 HARRY LYLE PARDEE, B.S., M.S., Marshall College, 1956, 1957
 GARRY ARTHUR RECHNITZ, B.S., University of Michigan, 1958; M.S., 1959
 CARL LEE TIPTON, B.S., M.S., University of Nebraska, 1954, 1957
 ERIC CLIFFORD TOREN, JR., A.B., Northwestern University, 1955; M.S., 1960
 DONALD ARTHUR WENZ, B.S., M.S., University of Nebraska, 1954, 1955
 DAVID VALENTINE YOUNG, B.S., St. John Fisher College, 1957

In Civil Engineering

- ANAND SWARUP ARYA, B.Eng., Post Grad. Diploma, M.Eng., Roorkee University, 1953, 1954, 1957
 JUAN CASILLAS GARCIA DE LEON, C.E., University of Mexico, 1953; M.S., 1957
 WILLIAM GENE CORLEY, B.S., M.S., 1958, 1960
 HENRY ALBERT RAWDON DE PAIVA, B.S., University of Alberta, 1955; M.S., 1960
 PETER GEORGE HOADLEY, B.S., Duke University, 1957; M.S., 1960
 JOHN WENDLE HUTCHINSON, B.S., M.S., 1951, 1954
 HARRISON KANE, B.C.E., College of the City of New York, 1947; M.S., Columbia University, 1948
 DAVID JAMES LAURIE KENNEDY, A.B., University of Toronto, 1951; M.S., 1952
 JOHN WILLIAM MELIN, B.S., Rose Polytechnic Institute, 1954; M.S., 1956
 CENAP ORAN, M.S., Technological University of Istanbul, 1953
 EDWARD OSCAR PFRANG, B.S.E., University of Connecticut, 1951; M.Eng., Yale University, 1952
 BRUCE GEORGE ROGERS, B.S., University of Houston, 1957; M.S., 1958
 RAYMOND ERNEST UNTRAUER, B.S., Iowa State University, 1948; M.S., University of Colorado, 1951
 JOHN HENRY WIGGINS, JR., B.S., Stanford University, 1953; M.S., St. Louis University, 1955
 JAMES TSU-PING YAO, B.S., M.S., 1957, 1958

In Communications

- WILLIAM JACKSON LORD, JR., B.B.A., M.B.A., University of Texas, 1950, 1953

In Dairy Technology

- ASHOK SEKHAR GANGULY, B.S., University of Bombay, 1956; M.S., 1959

In Economics

- WINSTON CLINGAN BEARD, A.B., Ouachita Baptist College, 1953; M.B.A., University of Arkansas, 1954
 DONALD BEAM SHUFORD, A.B., A.M., 1955, 1956
 JOHN CLAIR THOMPSON, A.B., 1954; M.B.A., Harvard University, 1956

In Education

- DAVID HENRY GLIESSMAN, A.B., Elmhurst College, 1950; M.S., Purdue University, 1952
 AUDREY JEAN GRUPE, B.S., Illinois State Normal University, 1951; M.S., 1955
 THEODORE KALTSOUNIS, A.B., McPherson College, 1956; A.M., University of Wichita, 1959
 WILLIS LORENZO KING, B.R.E., Atlantic Union College, 1932; A.M., Clark University, 1934
 THOMAS FRANK LINDE, A.B., Ripon College, 1956; A.M., 1957
 AMNA KHATOON SYED, A.B., A.M., University of Punjab, 1949, 1951; A.M., Stanford University, 1957

In Electrical Engineering

- ALBERT GEORGE ENGELHARDT, B.A.Sc., University of Toronto, 1958; M.S., 1959
 HSIAO JIONG MA, B.S., Chiao Tung University, 1937; M.S., 1956
 JOHN LUDWIG MUEERLE, B.S., M.S., 1953, 1954

JOSEPH JEROME STAFFORD, B.S., M.S., 1957, 1958
CHANG HSI SUN, B.Eng., National Tsing Hua University, 1939; M.S., Washington University, 1949
CLAY DAVID WESTLUND, B.S., M.S., University of Utah, 1949, 1950
SIK-SANG YAU, B.S., National Taiwan University, 1958; M.S., 1959

In English

LEE THOMAS LEMON, B.S., St. Louis University, 1951; A.M., Southern Illinois University, 1952
HOWARD KENNETH NIXON, JR., A.B., Columbia University, 1950; A.M., 1952

In Entomology

RICHARD JAMES DYSART, B.S., 1954
JOHN MARK KINGSOLVER, B.S., Purdue University, 1951; M.S., 1956
JAMES PHILLIP KRAMER, B.S., Beloit College, 1950; M.S., University of Missouri, 1952
ROY EARL McLAUGHLIN, B.S., M.S., 1954, 1959

In Food Technology

JOSEPH GEORGE ENDRES, B.S., 1955
DONG HOON KIM, B.S., M.S., Seoul National University, 1954, 1957
WILLIAM EMMETT MARSHALL, JR., B.S., M.S., 1957, 1959
JOHN NORMAN MCGILL, B.S., M.S., 1955, 1957
KENNETH SIDNEY TENNY, B.S., M.S., 1956, 1957

In Geology

CHARLES VALENTINE CLEMENCY, B.S., Polytechnic Institute of Brooklyn, 1950; M.S., New York University, 1958
ROBERT BERNARD GRAF, A.B., A.M., Washington University, 1956, 1958
ARTHUR MEKEEL HUSSEY II, B.S., Pennsylvania State University, 1954
WILLIAM JOHN METZGER, B.S., Beloit College, 1957; M.S., 1959
EUGENE ALAN MONROE, B.S., University of Wisconsin, 1955; M.S., 1959
NORMAN JOHN PAGE, A.B., University of Oxford, 1957; M.S., 1960
ERNEST WILLIAM PEIKERT, A.B., University of Minnesota, 1956; A.M., University of California (Berkeley), 1958
RUSSEL ALLEN PEPPERS, B.S., M.S., 1957, 1959
EDWARD FRANKLIN SHOVER, A.B., Princeton University, 1957
WILLIAM CALHOUN SMITH, A.B., A.M., University of Missouri, 1938, 1940
CHARLES ARNOLD SORRELL, A.B., M.S., Miami University, 1957, 1958
KENNETH MCCARN TOWE, A.B., Duke University, 1956; M.S., Brown University, 1959
DAVID KNOWLTON WEBB, JR., B.S., Ohio University, 1957; M.S., 1959
ROGER GLEN WOLFF, B.S., South Dakota School of Mines and Technology, 1958; M.S., 1960

In History

RAYMOND FRANCIS BIRN, A.B., New York University, 1956; A.M., 1957
ROBERT EDMUND ELKIN, A.B., Illinois College, 1949; A.M., 1953
PETER JOHN KING, A.B., University of Cambridge, 1957; A.M., 1958
HUGH JAMES SAVAGE, A.B., A.M., Roosevelt University, 1950, 1954

In Italian

ELLEN LUCILLE BREMNER, A.B., A.M., 1954, 1958

In Library Science

JOHN JORG BOLL, A.B., Union College, 1942; M.S., Columbia University, 1949
EDWARD GAILON HOLLEY, A.B., David Lipscomb College, 1949; A.M., George Peabody College, 1951

In Mathematics

SATYANARAYAN RAO CHANNAPRAGADA, B.S., M.S., 1956, 1957
HENRY FRANDSEN, B.S., M.S., 1957, 1959
JAMES HORACE GILLILAN, A.B., A.M., University of Missouri, 1954, 1955
CHARLES FREDERICK KOCH, B.S., Union College, 1953; M.S., 1957
NANCY JIM FOXON, A.B., A.M., Rice University, 1943, 1949

In Mechanical Engineering

- HARRY KARL IHRIG, JR., B.S., Swarthmore College, 1951; M.S.E., Princeton University, 1956
JAMIE PARKER LAMB, JR., B.M.E., Alabama Polytechnic Institute, 1954; M.S., 1958
EDWARD KAY MATTHEWS, B.S., Massachusetts Institute of Technology, 1952; M.S., 1955
THOMAS JAMES MUELLER, B.S., Illinois Institute of Technology, 1956; M.S., 1958

In Metallurgical Engineering

- WILLIAM EDWARD HEITMANN, B.S., M.S., 1953, 1955
JAMES ALAN MULLENDORF, B.S., M.S., University of Wisconsin, 1954, 1955
PATIT PABAN SINHA, B.Eng., University of Calcutta, 1954; M.S., 1957

In Microbiology

- ERCOLE CANALE-PAROLA, B.S., M.S., 1956, 1957

In Philosophy

- MENDEL FISHER COHEN, A.B., A.M., University of Colorado, 1952, 1958

In Physical Education

- RONALD GORDON KNOWLTON, A.B., Oberlin College, 1954; M.S., 1957

In Physics

- ANSEL COCHRAN ANDERSON, B.S., Allegheny College, 1955; A.M., Wesleyan University (Connecticut), 1957
ROBERT H.B.W.S. HOBART, JR., B.S., Massachusetts Institute of Technology, 1954; M.S., Stanford University, 1955
MURRAY MURASKIN, B.S., Massachusetts Institute of Technology, 1957; M.S., 1958
THOMAS GEORGE NILAN, B.S., Columbia University, 1950; M.S., 1956
WILLIAM HOWARD ROSENFELD, B.S., M.S., University of Chicago, 1947, 1950

In Physiology

- MARJORY BETH MURPHY, A.B., Nebraska Wesleyan University, 1947; A.M., University of Colorado, 1953
RICHARD ALAN NYSTROM, B.S., Tufts College, 1957; M.S., 1960

In Plant Pathology

- JEROLD WARD BUSHONG, A.B., Miami University, 1957; M.S., 1959

In Political Science

- SUNGJOOK JUN, A.B., Korea University, 1953; A.M., University of Tennessee, 1957

In Psychology

- DANIEL VINCENT CAPUTO, A.B., Brooklyn College, 1954
DEAN KENNETH FROEHLICH, A.B., University of Michigan, 1953
HERBERT CARLTON HAYWOOD, A.B., A.M., San Diego State College, 1956, 1957
ALAN ROBERT KOHN, B.S., Union College, 1950; A.M., 1959
JAMES FRANCIS LOMONT, A.B., DePauw University, 1953; M.S., University of Wisconsin, 1954
ALBERT EDWARD MYERS, A.B., A.M., 1957, 1958
JACK THOMAS TAPP, B.S., A.M., 1956, 1958
DONALD LLOYD TOLLEFSON, A.B., DePauw University, 1953; A.M., 1955

In Sociology

- FRIEDA SOPHIE MAGDALENE STUTE, A.B., DePaul University, 1947; A.M., University of Chicago, 1951

In Speech

- VINCENT MICHAEL BEVILACQUA, A.B., A.M., Emerson College, 1957, 1958
FANNY JANE BLANKENSHIP, A.B., University of Akron, 1956; A.M., 1957
RICHARD ALLEN HOOPS, A.B., Oberlin College, 1954; M.S., 1956
JOYCE CHALCRAFT SOZEN, A.B., A.M., 1955, 1957

In Theoretical and Applied Mechanics

THOMAS ALLAN MCCREERY, B.S., United States Naval Academy, 1953; M.S., United States Air Force Institute of Technology, 1956
PAUL EUGENE WILSON, B.S., M.S., University of Kansas, 1957, 1959

In Veterinary Medical Science

HARRY EVERETT WALBURG, JR., A.B., Dartmouth College, 1953; D.V.M., University of Georgia, 1958

In Zoology

RALPH ALVIN JERSILD, JR., A.B., St. Olaf College, 1953; M.S., 1957
PHILLIP LEE YOUNG, B.S., Prairie View Agricultural and Mechanical College, 1950; M.S., 1954

Degree of Doctor of Education*In Education*

WILLIAM THOMAS CARSE, B.S., M.S., North Texas State College, 1950, 1951
JAMES HARVEY DODDS, JR., B.S., M.S., Northern Illinois University, 1949, 1953
ROGER MARSHALL FREY, B.S., Ed.M., Milwaukee State Teachers College, 1949, 1951
WILLIAM JIMMERSON HOLLOWAY, B.S., Hampton Institute, 1940; A.M., University of Michigan, 1946
DEAN TREMBLY, A.B., A.M., Colorado College, 1933, 1946

In Music Education

RICHARD JAMES COLWELL, B.F.A., M.Mus., University of South Dakota, 1953, 1953
WALTER BOLESZLAV DUDA, B.Ed., Northern Illinois University, 1942; M.Mus., Illinois Wesleyan University, 1946
HOMER EUGENE GARRETSON, B.S., B.Mus., Morningside College, 1942, 1947; M.Mus., Eastman School of Music, 1948

Degree of Doctor of Musical Arts

CALVERT BEAN, JR., B.Mus., Eastman School of Music, 1949; M.Mus., 1954
PHILIP MARION SLATES, B.Mus., M.Mus., Eastman School of Music, 1947, 1948
DAVID WARD-STEINMAN, B.Mus., Florida State University, 1957; M.Mus., 1958

Degree of Master of Arts*In Anthropology*

JOHN PHILIP WILSON, B.S., 1958

In Art History

EVELYN DOOHEN HOVDE, A.B., University of South Dakota, 1935

In Chemistry

CHARLES ROBBINS ARNOLD, A.B., Blackburn College, 1955

In Classics

HELEN MATULUNAS NAOUMIDES, A.B., New York University, 1959

In Dance

EIJA IRIS URPALAINEN, Teacher of Physical Education, University of Helsinki, 1957

In Economics

KAREN CHRISTIANSON HOLLOWAY, A.B., Swarthmore College, 1957
HORACE WEBSTER MICKENS, B.S., 1959
KEITH TRACE, A.B., University of Nottingham, 1959

In Education

DALE EDWARD MATTSON, A.B., Colorado College, 1959

In English

LYNETTE FAT BARRY, A.B., 1960
SUSAN MOSHIER BAUER, A.B., 1960

SARAH BLACHER, A.B., 1958
FRANCES BARBARA CERNY, A.B., Coe College, 1960
JAMES SPIROS COULOS, A.B., 1955
DENNIS GEORGE DONOVAN, B.S., Illinois State Normal University, 1959
THOMAS WALSH GROUTT, B.S., John Carroll University, 1958
JOHN JOSEPH HAGGERTY, B.S., University of Scranton, 1959
ANGELA VINCENTA KATELE, A.B., St. Xavier College, 1959
ROBERT DUNHAM KUENZLI, A.B., DePauw University, 1954
GORDON DEAN LONG, A.B., 1960
ANN ROGERS MCGURK, A.B., Illinois Wesleyan University, 1959
MARY ELIZABETH MERRILL, A.B., Principia College, 1950; A.M., University of North Carolina, 1956
NORMAN MYSLIWIEC, A.B., 1959
MYRA BLOXOM NAGEL, B.S., 1956
CONSTANCE GROVER NEJAME, A.B., Harpur College, 1958
JUDITH MAY NEWTON, A.B., College of the Pacific, 1960
MARIFRANCES SGO, A.B., 1959

In French

CAROLE ANN McNAMARA, A.B., Illinois College, 1959
GABRIEL MARIUS SAVIGNON, Certificate, University of Grenoble, 1955; A.M., Southern Illinois University, 1959
FRANCIS CLAUDE VALETTE, A.B., Quincy College, 1959

In Geography

RAINER RUDOLF ERHART, A.B., Eastern Michigan University, 1959
RALPH McLEAN GERRARD, B.S., 1960
ROBERT TIMOTHY MOLINE, A.B., Augustana College, 1955

In German

ALBERT BORGMANN
JOHN MICHAEL TROJANOWICZ, A.B., University of Michigan, 1960

In History

ROBERT MAX BERDAHL, A.B., Augustana College, 1959
RICHARD LAWRENCE CAPPS, A.B., North Central College, 1959
JOHN DAGRES, A.B., DePauw University, 1959
JULIUS PAUL SLAVENAS, A.B., 1959
LORETTA MARLENE SNEARLY, A.B., Millikin University, 1958
RICHARD ALLEN SWANSON, A.B., 1958

In Labor and Industrial Relations

MARVIN BALOWITZ, A.B., Brooklyn College, 1957
EDWARD JAMES FLYNN, B.B.A., St. John's University, 1959
DANIEL GOLDBERG, A.B., Brooklyn College, 1958
HAROLD WAYNE HANSEN, A.B., Concordia College, 1955
EDWARD FRANCIS MCCALLUM, A.B., William Jewell College, 1959
GLENN MICHAEL PARKER, A.B., College of the City of New York, 1959
ROBERT JEROME SCANLON, B.S., 1959

In Latin

AVERRY VINCENT WOLFRUM, JR., A.B., Ed.M., Loyola University, 1947, 1951

In Linguistics

VERA STANIC KILLIAN, Graduate, University of Belgrade, 1954

In Mathematics

ROBERT BRUCE BENDEL, B.S., 1959
JUDITH HOFFMAN BROCK, B.S., 1959
OLIVER ROBERT BROWN, JR., A.B., Oberlin College, 1959
JOHN GERARD HARRINGTON, B.S., University of Massachusetts, 1959
MONTELL TONG, A.B., University of California (Berkeley), 1960
ERNEST EUGENE UNDERWOOD, A.B., Montana State University, 1957

In Philosophy

HOWARD FRANKLIN CROMBIE, A.B., 1955
GILBERT LORENZ, JR., A.B., 1958
EILEEN MCWILLIAMS MIECH, B.S., 1960

In Political Science

THOMAS WALTER SHILGALIS, B.S., 1960

In Psychology

JAMES WORRELL BARR, JR., B.S., 1952
WILLIAM JUDSON KING, A.B., State University of Iowa, 1956
EMANUEL ANTHONY LASK, B.S., University of South Carolina, 1957
PETER ANTHONY MAGARO, B.S., Pennsylvania State University, 1959
ROBERT SAMUEL NEMO, A.B., Ohio State University, 1959
GERALDINE KOMOSA PIORKOWSKI, B.S., 1958
WILLARD EUGENE REITZ, B.S., Pennsylvania State University, 1959
ALBERT SANOM RODWAN, A.B., Wayne State University, 1957
DONALD FRANCIS TATRO, B.S., A.B., Florida Southern College, 1956, 1959
DANIEL JAMES WEINTRAUB, A.B., Dartmouth College, 1954

In Social Sciences

KOKAB KHOSHRAFE FARSHI, A.B., Wheaton College, 1959
ROBERT DEE RICHEY, B.S., Illinois State Normal University, 1957
ELINOR LOUISE WEAVER, A.B., Bethel College, 1959

In Sociology

KATHLEEN ANN ARCHIBALD, A.B., University of British Columbia, 1957
CHARLES WILLIAM DEAN, A.B., Asbury College, 1953; B.D., Louisville Presbyterian Theological Seminary, 1957

In Spanish

NANCY LOU BESSLER, A.B., Marietta College, 1959
MARILYN ROSE BOLAN, A.B., University of Wisconsin, 1959
JOSHUA RIEFF BOYD, JR., A.B., Berea College, 1959
JOHN FRANK GARGANIGO, A.B., Iona College, 1959
SHIRLEY JEAN GOTT, B.S., Southwest Missouri State College, 1959
ROBERT JAMES HOEKSEMA, A.B., Hope College, 1955
ESTEBAN LENDINEZ, A.B., Kalamazoo College, 1959
ALBERT R. MALONEY, B.S., Illinois State Normal University, 1959
ELIZABETH JEAN MOFFETT, A.B., Wheaton College, 1948
CLAIRE LEFURGEY OLSON, A.B., University of Tulsa, 1959
JUDITH JOY ZELENKA, A.B., University of Omaha, 1956

In Speech

GEORGIANA GERALDINE JORDAN, A.B., 1960
NORMAN AARON NEWBERG, A.B., Temple University, 1957
JERRY LEE TWEDT, A.B., Luther College, 1957

In Statistics

RICHARD MICHAEL BRUGGER, B.S., 1960
SHARON SMITH WOLFE, B.S., 1958

In the Teaching of English

MARCIA ANN HEDIGER, A.B., 1959

In the Teaching of Social Studies

RICHARD FOWLER CASPER, A.B., 1949
SELBY PHILLIP KLEIN, A.B., 1960
DEBORAH HANSON SKEHEN, A.B., 1959
DAVID LYNN SNOWDEN, A.B., 1959

Degree of Master of Science*In Accountancy*

- HONG-PO CHEN, A.B., National Taiwan University, 1958
 FENG-SHYANG LUH, A.B., National Taiwan University, 1957
 MOHAMED EID MOUSTAPA, B.Com., Cairo University, 1956

In Advertising

- EMMA MADARANG MACEDA, B.Litt., University of Santo Tomas, 1958

In Aeronautical Engineering

- ROBERT PETER ANDRIS, B.S., 1959
 CHARLES THOMAS CASE, B.S., 1960

In Agricultural Economics

- RITCHIE G. BARNETT, B.S., 1959
 ROBERT NEWBURN HAGEMEYER, B.S., 1957
 VISHMOO PRASAD SHUKLA, B.S., Nagpur University, 1949; A.M., LL.B., University of Saugar, 1951, 1952

In Agricultural Engineering

- MAURICE LEON PAUL, B.S., 1957
 JOHN WAYNE PINKERTON, B.S., Iowa State University, 1959
 CHARLES JAMES RICKETTS, B.S., 1959

In Agronomy

- GEORGE FREDRICK HALL, B.S., 1959
 ROGER LEE HIGGS, B.S., 1960
 JAMES EARL HURST, B.S., 1960
 HSU-SHIEN WANG, B.S., National Taiwan University, 1956

In Animal Science

- THOMAS HART BERRY, B.S., Murray State College, 1959
 BLAINE BLAIR BREIDENSTEIN, B.S., 1959
 WILLIAM RONALD USBORNE, B.S., Cornell University, 1959

In Architectural Engineering

- ANGELOS GUST THRAPSIMIS, B.S., University of Cincinnati, 1960

In Biological Sciences

- DOLORES ANN COSTELLO, A.B., Illinois College, 1959
 LOUISE HELEN LANGE, B.S., Wheaton College, 1959

In Botany

- HAROLD EDWARD BALBACH, B.Ed., Chicago Teachers College, 1959
 RALPH EDWARD GOOD, B.S., 1960
 BARBARA JEAN KIECKHEFER, B.S., University of Wisconsin, 1959

In Chemical Engineering

- WILLIAM HENRY BENTLEY, B.S., University of Alabama, 1959
 BERNARD PATRICK BREEN, B.Ch.E., University of Dayton, 1959
 DAVID BRUCE KIRBY, B.Ch.E., Clarkson College of Technology, 1958
 BILLY MONROE RIGGLEMAN, B.S., West Virginia University, 1959
 SADA O TANIMOTO, B.S., Kyoto University, 1957

In Chemistry

- WILLIAM JOSEPH BIRKMEYER, B.S., University of Dayton, 1959
 ROBERT LEE BOOTH, A.B., Indiana State Teachers College, 1955
 RODNEY LEE BUCKSON, A.B., The College of Wooster, 1957
 CECILIA YI CHOW, B.S., Marymount College, 1959
 VICTOR CLERON, B.S., College of the City of New York, 1959
 JEREMY RICHARD FOX, B.S., University of Wisconsin, 1954
 EUGENE BINGHAM HUMPHREY, A.B., Central College, 1958

CYNTHIA SANTOS JUAN, B.S., University of the Philippines, 1958
 ANASTAS GEORGE KARIPIDES, A.B., Oberlin College, 1959
 THOMAS WILLIAM KOENIG, B.S., Southern Methodist University, 1959
 EUGENE LESTER KUHN, B.S., Marietta College, 1959
 WARREN WOOD LANIER, JR., B.S., University of Georgia, 1959
 JANE SCHOLASTICA LIU, B.S., 1958
 JOYCE ANN STAIR McMILLAN, B.S., University of Arkansas, 1959
 HAROLD WESLEY MOORE, B.S., Colorado State University, 1959
 GWENDOLYN EARL NEAL, A.B., Memphis State University, 1959
 JOHN CRUICKSHANK PEARSON, B.S., United States Military Academy, 1955
 JOËLLE ROSTAS, Licencie, University of Paris, 1957
 IRENE LOUISE RUSHMER, B.S., University of Rochester, 1959
 LESLIE BERL SIMS, A.B., Southern Illinois University, 1958
 TSUN-YING SU, B.S., Tunghai University, 1959
 DAVID JAMES TRACY, A.B., Villa Madonna College, 1959
 NICOLAS TSCHISCHOW, Ch.Eng., University of Concepcion, 1958
 WILLIAM VICTOR WRIGHT, Higher National Certificate, Liverpool College of Technology, 1956
 MARGARET ELIZABETH YATES, A.B., A.M., University of Chicago, 1950, 1952
 WALTER ARTINE YERANOS, B.S., A.B., American University at Cairo, 1953, 1957

In City Planning

GOPAL KRISHNA CHOUDHURY, B.Arch., University of Calcutta, 1956; M.Arch., 1959
 RONALD EDMUND KALISZEWSKI, B.Arch., Illinois Institute of Technology, 1955
 ANIS-UR RAHMAN, B.S., University of Panjab, 1955; Certificate, School of Architecture (London), 1958

In Civil Engineering

ABDUL MUNEM OSMAN ABDUL-SAMAD, B.C.E., Ein Shams University, 1957
 HIDEHIKO ABE, B.S., University of Tokyo, 1954
 ADNAN SHEHADEH AWAD, B.S., 1961
 TED EUGENE BISHOP, B.S., United States Military Academy, 1955
 MOHAMED MOHAMED KHEIR BIZEM, B.Arch., Cairo University, 1951
 ALFRED AUGUST BOWALD, B.S., 1954
 JOSÉ RAFAEL CAPÓ-LÓPEZ, B.S., University of Puerto Rico, 1957
 JOHN BRINTON CARLISLE, B.S., 1960
 WILLIAM FINCH CARROLL, B.S., United States Military Academy, 1957
 WILLIAM EMMITT CHASTAIN, JR., B.S., 1959
 RICHARD LEE CURL, B.S., United States Military Academy, 1956
 BRIAN EDWARD WESLEY DOWSE, A.B., University of Dublin, 1960
 THOMAS DYMCK, B.S., University of Edinburgh, 1948
 GEORGE FREDERICK FRANCIS, B.S., United States Naval Academy, 1955
 JOHN WILLIAM GADSBY, Higher National Cert., Brixton School of Building and Structural Engineering, 1957
 WILLIAM LEO GAMBLE, B.S., Kansas State University, 1959
 RODGER KENNETH GIESEKE, B.S., Drexel Institute of Technology, 1959
 ALLISON GILBERT GLOVER, B.S., Virginia Polytechnic Institute, 1951; B.S., 1957
 CHARLES DENNIS GRIGG, B.S., 1960
 GOIN NEIL HARPER, B.S., Massachusetts Institute of Technology, 1959
 WILLIAM LEE HARTRICK, B.S., Massachusetts Institute of Technology, 1954
 ERVIN DAVID HERNES, B.S., University of Wisconsin, 1960
 ROBERT MILLARD JONES, B.S., 1960
 BRIJ KRISHEN KAUL, B.Eng., University of Baroda, 1954; M.Eng., Panjab University, 1958
 GUNARS KILPE, B.C.E., University of Dayton, 1956
 GEOFFREY LUTHER KULAK, B.S., University of Alberta, 1958
 EDMUND CLARENCE LANGMEAD, JR., B.S., Saint Laurence University, 1953; B.C.E. Rensselaer Polytechnic Institute, 1953
 RICHARD FRED LANYON, B.S., 1960
 FELIX FRANK LAURUS, B.S., University of Toronto, 1959
 RODOLFO LUTHE GARCIA, C.E., National University of Mexico, 1960
 JACK CHARLES MARCELLIS, B.S., 1960
 JERRY RICHARD MASTERS, B.S., 1960
 BRIAN ROBERTSON McKENNA, B.S., University of London, 1953

- JOHN GEOFFREY MEASOR, B.S., University of London, 1953
 ROBERT WILLIAM MIRITKA, B.S., 1954
 DONALD RAY MORRELLI, B.S., United States Military Academy, 1956
 BRUCE JENNINGS MUGA, B.B.A., Southern Methodist University, 1950; B.S., University of Texas, 1957
 JOSE ANTONIO NIETO-RAMIREZ, C.E., National University of Mexico, 1959
 MAYOOR KANTILAL PARIKH, B.Eng., Gujarat University, 1960
 DEVENDRA MANUBHAI PATEL, B.Eng., Maharaja Sayajirao University of Baroda, 1959
 GOKALBHAI DWARKADAS PATEL, B.S., Howard University, 1960
 FRANKLIN DAVIS PATTON, B.S., University of Alberta, 1957
 JAMES RADZIMINSKI, B.C.E., The Cooper Union, 1960
 SUNIL KUMAR ROY, B.Eng., University of Calcutta, 1954
 LARRY SCHINDLER, B.C.E., College of the City of New York, 1960
 WALTER ALFRED SCOTT, B.S., Lafayette College, 1959
 ASHVIN AMRITLAL SHAH, B.Eng., Gujarat University, 1959
 MADHUKARBHAI AMBALAL SHAH, B.Eng., Sardar Vallabhbhai Vidyapeeth, 1960
 ARTIN NAZARETH SIRAPYAN, B.S., Robert College, 1960
 EINAR SKJÖRTEN D.Y., C.E., Norwegian Institute of Technology, 1960
 SCOTT BECHER SMITH, B.S., United States Military Academy, 1956
 EDWARD JOSEPH STROUGAL, JR., B.S., 1960
 DALE ARTHUR STRUB, B.S., University of Missouri School of Mines and Metallurgy, 1958
 HAREN BHASKERRAO THAKOR, B.Eng., Gujarat University, 1960
 GILBERT AKIRA UMEMOTO, B.S., University of Hawaii, 1960
 JOHN GILBERT VINER, B.S., University of Maryland, 1959

In Commercial Teaching

- PATRICIA JOYCE ANDERSON, B.S., 1957

In Dairy Science

- RALPH VALDEMAR JOHNSON, B.S., 1948
 DAYAL DASS SHRIVASTAVA, B.S., Nagpur University, 1952; M.S., Agra University, 1954

In Economics

- ROBERT CHANDLER KNOWLES, A.B., University of California (Los Angeles), 1935
 CONSTANTINE GUST PELEKODAS, B.S., 1957
 HARL EDGAR RYDER, JR., B.S., 1960

In Education

- ERWIN JULIAN FRANCO, B.S., 1960

In the Education of Mentally Handicapped Children

- KI CHUNG KO, LL.B., National Fuh Tan University, 1947
 RICHARD FRED UHLIR, B.S., Ball State Teachers College, 1958

In Electrical Engineering

- CHUSHIN AFUSO, B.Eng., Yokohama National University, 1956
 ROBERT ROY ANDERSON, B.S., 1960
 VIJAI SWARUP BANSAL, B.S., Aligarh Muslim University, 1956
 SHELDON THEODORE BECKER, B.S., 1960
 PAUL DEAN BOWMAN
 ALFRED CHO, B.S., 1960
 HENRY SHUI-CHING CHOW, B.S., 1960
 SURESH BHANUPRASAD DAVE, B.Eng. (Mech.), B.Eng. (Elect.), Gujarat University, 1959, 1960
 JAMES EDWARD DEGENFORD, B.S., 1960
 GEORGE GILMORE DODD, B.S., University of Kansas, 1960
 CHARLES RANDALL DOTY, JR., B.S., Lafayette College, 1957
 ROBERT JOHN ERICKSON, B.Mus., Millikin University, 1953; B.S., 1960
 DARRELL LEE GIESEKING, B.S., 1960
 JAMES CURTIS GREEP, B.S., 1960
 CARL LAWRENCE GRUBER, B.S., 1960

EUGENE EVERETT HANSON, B.S., Michigan State University, 1957
WILLIAM STANLEY HINDS, B.S., 1960
ROBERT ALFRED HOFFSWELL, A.B., St. Joseph's College, 1959
RONALD CHARLES JOHNSON, B.S., 1960
STEPHEN JAMES KAHNE, B.E.E., Cornell University, 1960
EUGENE FRANKLIN KALLEY, B.S., 1960
KURTLEE JAMES KARLINSEY, JR., B.Eng.Sc., Brigham Young University, 1960
GERRY LEON KELLY, B.S., University of Kansas, 1960
DELOS THOMAS KITTOE, B.S., 1960
WILLIAM EDWARD KUNZ, B.S., 1960
CHARLES NELSON LYNK, JR., B.S., 1960
FRANK JOSEPH MAHONEY III, B.E.E., George Washington University, 1960
NARESH CHANDRA MATHUR, A.B., University of Delhi, 1955; Diploma, Indian Institute of Science, 1958
KI CHANG OH, B.S., 1956
RAYMOND JOSEPH PALCIAUSKAS, B.S., 1959
ARVINDKUMAR MOTIBHAI PATEL, B.Eng., Sardar Vallabhbhai Vidyapeeth, 1959
LEVIN JASPER PEEK, JR., B.S., 1959
JOHN WILLIAM PENNINGTON, B.S., 1960
JOHN FERDINAND PETERSON, B.S., Iowa State University, 1954
HORTON RONALD POTTS, B.S., Iowa State University, 1954
ROGER ALLEN PYATT, A.B., 1960
FRANCOIS MICHEL ROSTAS, Diploma, Ecole Supérieure de Physique et de Chimie Industrielles, 1958
JOHN KENNETH RUSSELL, B.S., Carnegie Institute of Technology, 1958
GERALD JOHN SAMOS, B.S., United States Military Academy, 1955
CHARLES NOEL DUPONT SMITH, B.S., United States Naval Academy, 1954
EDWARD CLAYTON STRAUB, B.S., United States Naval Academy, 1955
MAHAVIR SINGH SURANA, B.Eng., University of Rajasthan, 1959
ROGER MOFFET WHITSON, B.S., 1960

In Entomology

ANGEL BERRIOS-ORTIZ, B.S., University of Puerto Rico, 1957
WILLIAM BRYANT CUTTS, A.B., Harvard College, 1959
RICHARD HARRY STORCH, A.B., Carleton College, 1959

In Finance

ARNOLD IRWIN ALPERT, A.B., Grinnell College, 1958
DONALD WALTER BRANZ, B.S., 1958
CAMPBELL KING EVANS, B.S., 1959
ROBERT MILES PHILBROOK, JR., B.S., B.S., 1957, 1960

In Food Technology

GREGORY BRUCE CLARKE, B.S., University of Massachusetts, 1959
MURRAY JAYE, B.S.A., University of Georgia, 1959
ELISABETH ANN PELCHER, B.S., 1958

In Geology

PETER FENNER, B.S., College of the City of New York, 1959
GARY WALKER HORTON, B.S., Columbia University, 1959
WILLIAM HILTON JOHNSON, A.B., Earlham College, 1956
ELLIOTT ARTHUR RIGGS, B.S., M.S., University of Wisconsin, 1951, 1953
JOHN BEAUFORT TUBB, JR., B.S., Southwestern Louisiana Institute, 1959
FRANCIS JOHN WOBBER, B.S., University of Dayton, 1959

In Health Education

MICHAEL ANTHONY CARRERA, B.S., Manhattan College, 1959
DAVID GOEDEL HEMME, B.S., State University of New York State Teachers College (Cortland), 1958
SEYMOUR LEENER, A.B., Hunter College of the City of New York, 1958

In Home Economics

CLEDA AUGER, B.S., Utah State University, 1947
PATRICIA CUNNINGHAM BEVILACQUA, B.S., 1959

- JANE SNOWDEN CRAIG, B.S., State College of Washington, 1959
 RUTH NANCY CURRAN, B.S., University of Massachusetts, 1955
 CAROL WALKER GESELL, B.S., 1957
 NANCY JO ROBERTA HAJEK, B.S., University of Wisconsin, 1959
 MARY OSBORNE HUBBARD, B.S., 1932
 MARIAN LOIS TANNER, B.S., Western Michigan College, 1958

In Home Economics Education

- RUTH LOUISE McNABB DOW, B.S., 1956

In Horticulture

- DAVID EUGENE HARTLEY, B.S., 1959
 EDMUND IGNATIUS MILEWSKI, B.S., Rutgers University, 1959

In Journalism

- JANET ANDREA LACHANCE, A.B., University of New Hampshire, 1959
 HENRY PONLEITHNER, B.S., 1950
 JAMES HASKELL WHITE, A.B., Catawba College, 1950

In Library Science

- JOAN YASUKO AKIRA, A.B., University of California (Los Angeles), 1960
 MARGARET JOCELYN ARMSTRONG, A.B., University of New Zealand, 1957
 LUCY ELAINE BAKER, B.S., 1960
 JANE FRANCES BAUMBACH, A.B., University of Wisconsin, 1960
 BETTY CANFIELD BLACK, A.B., 1959
 JUDITH ANNE BRIDGES, A.B., University of Florida, 1959
 TERENCE WILLIAM CASSIDY, A.B., Park College, 1959
 CLARA ELIZABETH CASTELO, A.B., 1947
 ELIZABETH CHAMBERS, A.B., University of Cincinnati, 1938; B.S., 1941; A.M., Berkeley Baptist Divinity School, 1954
 JAMES L. COPAS, A.B., A.M., Montana State University, 1949, 1950
 MARY ANN CRAWFORD, B.S., Southern Illinois University, 1960
 RHODA ROMONA ENGEL, A.B., Monmouth College, 1957
 ELBERTA JEAN EWBANK, B.S., Southern Illinois University, 1950
 BARBARA ANN FERGUSON, A.B., University of Richmond, 1960
 DONALD LEROY FOSTER, B.Mus., M.Mus., De Paul University, 1950, 1953
 JOHN ELDRED FREY, B.Ed., Wisconsin State College (Whitewater), 1957; A.M., State University of Iowa, 1960
 ROBERT STEVENS FULLER, B.S., Maryville College, 1952
 MARGARET JEAN HAGGER, A.B., University of Melbourne, 1950
 MARTHA FAYE HAMMERSLEY, B.S., Butler University, 1959
 EDNA FRANCES HARTMANN HANNA, A.B., 1953
 PHYLLIS JEAN HANSEN, A.B., 1960
 ELIZABETH ANN HOFAS, B.Mus., Illinois Wesleyan University, 1958
 JOSEPH RUDOLPH JOHNSON, B.S., Cuttington College and Divinity School, 1959
 LAWRENCE GILBERT KAUFMAN, B.S., Loyola University, 1960
 JOHN PAYSON KENNEDY, A.B., A.M., Emory University, 1954, 1959
 FREDERICK JAMES KENT, B.Mus., DePauw University, 1950; M.Mus., 1951
 ANDREW LASSLO, M.S., Ph.D., 1948, 1952
 SHIGEO OSHIRO, A.B., George Peabody College for Teachers, 1957
 FRANCIS JOSEPH PALUKA, JR., A.B., Creighton University, 1950; A.M., University of Connecticut, 1952
 URSULA DE GUZMAN PICACHE, B.S., University of Philippines, 1958
 JANE POOL, A.B., North Texas State College, 1953
 GEORGE JAY RAUSCH, JR., A.B., North Central College, 1955; A.M., Ph.D., 1958, 1960
 NORMALIE CATHERINE RICHARDS, A.B., Marian College, 1960
 SISTER MARY DOROTHEA BURKHOLDER, A.B., Loyola University, 1933; B.S., Our Lady of the Lake College, 1938; A.M., St. Louis University, 1941
 DAVID ALAN SMITH, A.B., Lawrence College, 1959
 BARBARA HEDWIG SONNENBERG, A.B., College of Mount St. Joseph-on-the-Ohio, 1960
 URBAN JAMES STEINER, A.B., St. John's University, 1955

FRANKLIN SCOTT WHICHER, A.B., 1955
KATHLEEN GOODMAN WILLIAMS, A.B., Western Kentucky State College, 1952
VENETIA WEN-SHYA YANG, A.B., National Taiwan University, 1958

In Management

SI HAK CHO, B.Com., Korea University, 1957
GEORGE DAUD KANAWATY, B.S., Alexandria University, 1950
CHARLES LEONARD PHILBLAD, B.S., 1960

In Marketing

EMANUELE MARTINO, J.D., University of Palermo, 1956

In Mathematics

JEROME SIDNEY BECKER, B.S., 1950
RICHARD WILLIAM BLOMME, B.S., 1960
RICHARD WAYNE HACKER, B.S., 1960
KENT HARRIS, B.S., Eastern Illinois University, 1959
YOW-MIN LEE, B.Com., Nihon University, 1953; M.B.A., Miami University, 1959
ALBERT ALKINS MULLIN, B.E.E., Syracuse University, 1955; M.S.(E.E.), Massachusetts Institute of Technology, 1957
MELVIN CHANDLER THORNTON, B.S., University of Nebraska, 1957

In Mechanical Engineering

ABDUL HAJ ABAUCY, B.S., University of Wyoming, 1955
CHANDRA PRAKASH ARORA, B.S., Lucknow University, 1953; B.Eng., Roorkee University, 1956
JOHN OTTO BECKER, B.S., 1960
PAUL JOSEPH DURNING, B.S., University of Idaho, 1958
HUBERT CARL EDFORS, B.S., 1957
ROGER WAYNE GALLINGTON, B.S., 1960
BORIS WESYL HRYKEWICZ, B.S., 1959
A-BEN HUANG, B.S., National Taiwan University, 1957
DONALD MAYNARD NAGEL, B.S., 1956
NARENDRA MANILAL PATEL, B.S., University of Poona, 1959
MURRAY NICKLE PATTERSON, B.S., Queens University, 1958
ERNEST LEE PYNE, B.S., University of Idaho, 1954
JOSEPH ROGER STRODE, B.S., 1960
BRICE SAUNDERS SUMNER, A.B., Harvard University, 1957
GLENN ROBERT SWARD, B.S., 1956
GILBERT LEROY WEDEKIND, B.S., 1959
EDWARD LEON YELLIN, B.S., Colorado State University, 1959
WALLACE WAYNE YOUNGBLOOD, B.S., Evansville College, 1960

In Metallurgical Engineering

WALTER HENRY CLASS, B.Met.E., New York University, 1957
ROBERT WILLIAM HINTON, B.S., Lafayette College, 1959
VICTOR KERLINS, Met.E., Colorado School of Mines, 1959
RICHARD LAWRENCE PATTERSON, B.S., Columbia University, 1959
JAMES STUART FERRIN, B.S., Massachusetts Institute of Technology, 1958
GERHARD KARL SUNE PERSSON, Engr., Royal Institute of Technology, 1954
LARRY EDWARD THOMAS, B.S., University of Arizona, 1959

In Music Education

EUGENE HERBERT ANTHONY, B.S., Northern Illinois University, 1953
SANDRA ELLEN BOTKIN, B.S., Ball State Teachers College, 1958
GEORGE ALFRED CAVANAGH, B.Mus., University of Rochester, 1960
JOHN WARD CHRONISTER, B.S., Central Missouri State College, 1958
MELVIN RONNY FINK, B.Mus.Ed., 1960
DANIEL EDWARD FRIDLEY, B.Mus.Ed., Central College, 1957
MAURICE ALLEN JONES, B.S., 1960
MARJORIE MAE KLEIN, A.B., B.Ed., Whitworth College, 1945, 1951
DANLEE GEORGE MITCHELL, B.S., 1958
FRED WALTER NIKA, B.S., Illinois State Normal University, 1958
ROBERT WALTER PLACEK, B.Mus., DePaul University, 1955

- ROSARY ROCKFORD, B.Mus.Ed., American Conservatory of Music, 1957
RALPH STEPHEN SCHLESINGER, B.S., Illinois State Normal University, 1960
ROLAND MARK SMITH, B.Mus.Ed., Wheaton College, 1960
ROSEMARY WEIR TOOLEY, B.S., 1933
DAVID EARL ULFENG, B.S., 1960
SUSAN LUCAS WARD-STEINMAN, B.Mus.Ed., Florida State University, 1955

In Nuclear Engineering

- MICHAEL GARM COLEMAN, B.S., 1960
KARL HORNYIK, Diplom-Ingenier, Vienna Institute of Technology, 1960
EVERETTE SANFORD PARKINS, B.S., United States Military Academy, 1951; M.S., 1961

In Physical Education

- WILLIAM JAMES FANNING, A.B., Buena Vista College, 1951
JACK LEE PHILLIPS, B.S., Southeast Missouri State College, 1960
CAROLYN VIRGINIA SWANSON, B.S., Wheaton College, 1954

In Physics

- ROBERT JAY ABRAMS, B.S., Illinois Institute of Technology, 1959
GORDON WOOD ANDERSON, B.E.E., Cornell University, 1959
RICHARD JAMES BURTON, B.S., 1960
JAMES HOFFMAN BUTLER, B.S., Case Institute of Technology, 1957
WAYNE ELBERT CARR, B.S., Washington University, 1960
THOMAS EDWARD EDGAR, B.S., Eastern Illinois University, 1959
FRANK ANDREW FRANZ, B.S., Lafayette College, 1959
WILLIAM MAURICE GOLDEN, B.S., 1959
DENNIS McCANN HILL, B.S., Eastern Illinois University, 1960
MICHIO KITAYAMA, B.S., Cert., Okayama University, 1955, 1956
MICHAEL ALFRED LEVINE, B.S., California Institute of Technology, 1960
WILLIAM WHITNEY MARTIN, B.S., Muskingum College, 1959
STEPHEN GRAHAM MCCARTHY, A.B., Harvard College, 1959
RAYMOND CHARLES MIKKELSON, A.B., St. Olaf College, 1959
MATI MIKKOR, B.A.Sc., University of Toronto, 1959
YALE DAVID NALIBOFF, A.B., San Diego State College, 1959
JON ROLAND NANCE, B.S., University of Missouri School of Mines and Metallurgy, 1960
STANLEY JOHN RUDNICK, B.S., Northwestern University, 1959
STEPHEN VINSON STEPHENS, B.S., California Institute of Technology, 1960
DAVID JAMES VANDAVEER, A.B., DePauw University, 1959
ROBERT LEROY WAX, B.S., California Institute of Technology, 1960
BRENT MERLE WEDDING, A.B., Hamilton College, 1958
LEROY BERNARD WENTZ, B.S., University of Nevada, 1959
ALFRED YIU-FAI WONG, B.A.Sc., A.M., University of Toronto, 1958, 1959

In Physiology

- ROLAND MOHLER BAGBY, A.B., Austin College, 1959
ELAINE JOY GEPFON, B.S., Brooklyn College, 1959
REDMOND PRINDIVILLE HOGAN III, A.B., Northwestern University, 1960
EDWARD DAVID LASH, B.S., College of the City of New York, 1959
JAMES CARLTON MITTLER, B.S., University of New Mexico, 1956
PHYLLIS GARNA VOY, B.S., 1959

In Plant Pathology

- HERLEY CURRY THOMPSON, B.S., 1960

In Radio and Television

- CHARLES FRANCIS CREMER, A.B., Loras College, 1951

In Recreation

- HERBERT WEBER, B.S., College of the City of New York, 1956

In Speech Correction

- ROBERT MORGAN MASON, A.B., Denison University, 1959

In the Teaching of Biological Sciences and General Science

GEORGE ARTHUR FISCHER, B.S., 1960
MARCUS LLOYD GRICE, JR., B.S., 1960
PAUL GEORGE KOUTNIK, B.S., 1959
LINDA LEE LINGLE, B.S., 1960
CHARLENE ELLICE PRASSE, B.S., 1959

In the Teaching of Chemistry

ROGER KENT BUNTING, B.S., 1958

In the Teaching of Mathematics

JAMES FREDERICK DILWORTH, B.S., University of Georgia, 1952
PAUL LEO HUTTENHOFF, B.S., 1960
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RICHARD REESE LEWIS, A.B., 1951
RICHARD MILTON MEYER, B.S., Michigan State University, 1953
RONALD DUANE SZOKE, B.S., Illinois State Normal University, 1956

In the Teaching of Physical Sciences

ALEXIS TIMOTHY MCGILL, A.B., Knox College, 1960

In the Teaching of Physics

ROBERT PAUL GODWIN, A.B., DePauw University, 1959

In Theoretical and Applied Mechanics

RICHARD BOLTON, B.S., 1960
ROBERT HENRY BRYANT, B.S., 1959
WILLIAM HOWARD COLLINS, B.S., 1960
GARY ROSS HALFORD, B.S., 1960
RICHARD WILLIAM HRADEK, B.S., M.S., State University of Iowa, 1956, 1958
DONALD C. HUFFAKER, B.S., 1960
RONALD THADDEUS STRUGIELSKI, B.S., 1959
LOUIS CARSON WAGNER, JR., B.S., United States Military Academy, 1954

In Veterinary Medical Science

INDRA GUPTA, B.V.S., Bengal Veterinary College, 1955
LLOYD CHAMP HELPER, B.S., D.V.M., B.S., 1953, 1955, 1956
ROSHAN LAL KAUSHAL, Diploma, Punjab Veterinary College, 1942
MOHINDER LALL MEHTA, B.V.S., Punjab University, 1951
ROBERT GEORGE SCHOLTENS, B.S., D.V.M., Michigan State University, 1957, 1959

In Zoology

JOHN BURSEWICZ, B.S., Allegheny College, 1958
JURA BERNICE GELAZIUS, B.S., 1960
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GRETCHEN MARIE SCHWAGER, B.S., 1957
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Degree of Master of Education

EDITH MAY ANDERSON, A.B., University of British Columbia, 1956; B.Ed., University of Alberta, 1960
MARY ANNETTE MORRISON ANDERSON, B.S., 1958
HÜSNÜ ARICI, B.S., 1960
FERRIS KEITH AUGER, B.S., Wisconsin State College, 1960

- WILLIAM HENRY BAIN, B.S., Northern Illinois University, 1958
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 ROBERT BRUCE BENDER, B.S., Illinois Institute of Technology, 1960
 KEITH ROBERT BENEDIX, B.S., 1960
 EARL WILLIAM BENOCH, B.S., Eastern Illinois University, 1950
 ROLLAND LESLIE BRINEGAR, B.S., Indiana University, 1954
 ROGER KEITH CARLSON, B.S., 1955
 MARY ELIZABETH CLOSE, B.S., Illinois State Normal University, 1952
 MARY ALICE GEIBEL COOLER, B.S., Illinois State Normal University, 1958
 JACK HOWARD CUTLER, A.B., 1960
 DOLORES CATHERINE COLEMAN DAY, B.S., Eastern Illinois University, 1958
 GAYLE BLAINE DAY, B.S., Eastern Illinois University, 1958
 FUAD SHAKER DIAB, B.S., Oklahoma State University, 1957
 JOHN ALAN DOBBERT, A.B., Wheaton College, 1960
 JOSEPH KARL EBERHART, B.S., 1959
 LAWRENCE IRLE EXTON, B.S., Illinois State Normal University, 1958
 BARBARA KENT FARRELL, B.S., 1958
 EMMETT EUGENE FLEMING, B.S., Illinois State Normal University, 1958
 ANN CAROL FOREMAN, A.B., Knoxville College, 1954
 HENRY ADOLPH FOSS, A.B., Central Y.M.C.A. College, 1936
 JOHN FORREST GARRISON, B.S., 1951
 WILLIAM LAWRENCE GOODWIN, B.S., University of Nebraska, 1957
 DELORIS STARK HALLENDORFF, B.S., Millikin University, 1956
 DOUGLAS CLAIR HARKER, B.S., 1956
 RUTH JEANEEN HARNER, B.S., Illinois State Normal University, 1956
 JOHN CLIFTON HARRINGTON, B.S., 1960
 PHYLLIS WYMAN HELLSTROM, B.S., 1954
 DUANE LOUIS HEREN, A.B., Eureka College, 1957
 GEORGE EUGENE HILL, B.S., Illinois Wesleyan University, 1957
 RUTH STEFFY HILL, B.S., 1940
 CATHARINA HOELSCHER, A.B., Iowa State Teachers College, 1935
 RODNEY CLEVE HOELTZEL, B.S., Springfield College (Massachusetts), 1957
 KENNETH EUGENE HOFFMAN, B.S., Southern Illinois University, 1958
 WILMA WARNER HOLLAND, A.B., Asbury College, 1950
 FRANCES CLAUSER JOHNSON, B.S., 1955
 DEANNA AFRICK KATZ, B.S., 1960
 JOHN STEPHEN KEMP, B.S., 1957
 JUDITH ANN KRESL, B.S., Northern Illinois University, 1960
 ROBERT WILLIAM KUKLA, B.S., 1960
 ALFRED DANIEL LARSON, B.S., Illinois State Normal University, 1955
 JEAN COX LEEVER, B.S., 1955
 WARREN WAYNE LIONBERGER, B.S., Eastern Illinois University, 1956
 WILHELM CARL MAYER, B.S., 1960
 DAN RAYMOND MCCLELLAND, B.S., 1939
 ALLEN CHESTER MCCOWAN, B.S., 1960
 LOIS REBA KELLY MICKY, B.S., Henderson State Teachers College, 1954
 ROLAND RAY MOLL, A.B., Phillips University, 1951
 LEONA BELLE NEWPORT, A.B., McKendree College, 1956
 LAWRENCE EDWARD OLSEN, B.S., 1957
 SULEYMAN CETIN OZGULU, B.S., 1961
 DOROTHY ELAINE PEABODY, B.Ed., Illinois State Normal University, 1940
 DAVID VALE POKIPALA, JR., B.Ed., University of Hawaii, 1960
 MARY ALICE POLAND, B.S., Eastern Illinois University, 1955
 ATAULLAH RAUF, Licencie, Kabul University, 1955
 DONALD DELMAS RUMLEY, B.S., Ohio State University, 1949
 EVELYN EVATT SALINGER, A.B., Connecticut College, 1958
 PEGGY SANDERSON, A.B., Leeds University, 1959; Diploma, University of Reading, 1960
 BARBARA JEAN SAVAGE, B.S., Illinois State Normal University, 1958
 LOUIS EVERETT SCHAIER, B.S., 1956
 GEORGE EDWARD SHAFER, B.S., Eastern Illinois University, 1957
 JUANITA EMMA SPALDING, A.B., Olivet Nazarene College, 1959
 LORRAINE REED STADT, B.S., Illinois State Normal University, 1957
 PATRICIA ANN STEVENS, B.Mus.Ed., Augustana College, 1954

GEORGE EDWARD STORMER, B.S., Millikin University, 1959
 JOHN RICHARD TOMCZYK, B.S., 1956
 ROBERT CHARLES WALL, B.S., Olivet Nazarene College, 1957
 KAYE DARLENE WENDELL, B.S., 1960
 MARY LOUISE WHEATLEY, B.S., Southern Illinois University, 1954
 JERRY RUSSELL WICKS, A.B., Millikin University, 1957
 DANIEL DOUGLAS WOLFORD, B.S., 1957
 RICHARD PAUL WUNDERLICH, B.S., Illinois State Normal University, 1960

Degree of Master of Social Work

SONIA LEIB ABELS, A.B., Rutgers University, 1951
 SHIRLEY ROSE ALBRECHT, A.B., William Jewett College, 1956
 WILLIAM HENRY ANDERSON, A.B., Fisk University, 1952
 ELAINE VIVIAN BERQUIST, A.B., 1953
 MARSHALL WHITNEY BOWDEN, A.B., Aurora College, 1956
 HAROLD RAY BOYTS, A.B., Goshen College, 1959
 AMELIA HOPPE BUTCHER, A.B., University of Tennessee, 1957
 LLOYD WILLIAM CARLSON, B.S., 1959
 MYRNA APFLEBAUM CHATOW, A.B., Roosevelt University, 1959
 SONYA MONROE CLAY, A.B., 1959
 LITA JEAN DUKE, A.B., Langston University, 1958
 DONALD JOSEPH EIB, B.S., 1958
 LEO HENRY EMERY, B.S., 1959
 DONNA JUNE FERRIER, A.B., Western Washington College of Education, 1956
 RHODA JOYCE FRIEDMAN, A.B., Roosevelt University, 1959
 MARILYN HOLTZMAN GOLDSTEIN, B.S., 1959
 ANTONIA LEWIS, A.B., Stanford University, 1959
 RICHARD DENIS MARINELLI, B.S., George Williams College, 1958
 CAROLINE COLLINS MARTIN, Ph.B., University of Chicago, 1935
 LOIS ELIZABETH NATUSCH, B.S., Simmons College, 1944
 JAMES DALE PEASLEY, A.B., Michigan State University, 1953
 ELAINE MURIEL QUILLIAN, A.B., Roosevelt University, 1958
 CHARLOTTE LOUISE REGIER, A.B., Bethel College, 1944
 DAVID MORRIS ROSEN, B.S., M.S., George Williams College, 1948, 1949
 ETHEL LOUISE STOVALL, A.B., LeMoyne College, 1958
 WILLIAM JOSEPH SWEET, A.B., 1958
 ROBERT TEAGUE, A.B., Tougaloo College, 1955
 MELVIN DUANE THOMAS, A.B., Graceland College, 1959
 NAOMI LATINSKY TILLMAN, A.B., Hunter College of the City of New York, 1950
 JOAN GRACE TROOBNIK, B.S., Northwestern University, 1953
 DONALD JAMES WATKINS, B.S., Roosevelt University, 1958
 MARGARET ELIZABETH WICKWIRE, A.B., Park College, 1939
 MARJORIE BROWN WRIGHT, Ph.B., DePaul University, 1956

Degree of Master of Fine Arts

In Design

COLLAN BLENDON KNEALE, B.F.A., 1959

In Painting and Printmaking

JOAN MARY BASSARO, B.F.A., Pratt Institute, 1958
 JOHN ROOSEVELT GLENN, B.F.A., Wayne State University, 1959
 JOANNA HIGGS, B.F.A., University of Tennessee, 1956
 PETER KENNEDY HOOVEN, A.B., Antioch College, 1958
 ROSA LEE EPLER LOVELL, B.F.A., Kansas City Art Institute, 1959
 GENE ALLEN ROBERTS, B.S., Eastern Illinois University, 1957
 SOPHIE HAZEL SARLAS, B.F.A., 1959
 CARL EUGENE WILLEN, Jr., B.F.A., 1959

Degree of Master of Accounting Science

CARL CLAYTON BOHNER, A.B., Gettysburg College, 1959
 BRUCE BARTON BOWERS, B.S., 1960
 TOMMY J. BRINKERHOFF, B.S., 1960

GARY ALAN LUNG, B.S., Stetson University, 1960
 JOHN ALVIN MULLINAX, B.S., 1957
 CLARK MORROW NELSON, B.S., Eastern Illinois University, 1960
 DALE GEORGE POSZGAI, B.S., Bowling Green State University, 1960
 JOHN RUSSELL ERSKINE RUHL, B.S., Miami University, 1959
 DONALD VICTOR STUCHELL, B.S.C., Ohio University, 1960
 ROBERT CLYDE TROST, B.S., Eastern Illinois University, 1959

Degree of Master of Architecture

WILLIAM ROBERT ACHESON, B.Arch., 1958
 JAMES ALBERT BABCOCK, B.Arch., 1959
 THOMAS JOSEPH BARTUSKA, B.Arch., 1960
 IOAN ELIZABETH CHAPIN, B.Arch., 1959
 LINOS M. DOUNIAS, B.S., University of Cincinnati, 1960
 ABDEL RAHIM MOHAMED EL-GUINDY, B.S., Ein Shams University, 1957
 JOHN RODGERS HAGELY, B.Arch., Ohio State University, 1953
 THOMAS GILBERT KILLIAN, B.Arch., Washington University, 1954
 WILLIAM MASLAUSKI, B.S., University of Cincinnati, 1960
 JAMES FRANCIS O'GORMAN, B.Arch., Washington University, 1956

Degree of Master of Comparative Law

SAEMUND LOMBRNAES, Degree, University of Oslo, 1956
 EERO RAINER ROUTAMO, LL.B., Helsinki University, 1956

Degree of Master of Commerce

CLIFFORD MARK NELSON, B.S., 1959
 FRANK MILLER RACHEL, B.S., Oklahoma State University of Agriculture and Applied Science, 1952
 NORMAN SHIRRIILL SATTERFIELD, B.S., 1960

Degree of Master of Business Administration

ROBERT WARREN BOSCHER, B.S., 1959
 LAFAYETTE MCKINNEY, B.S., Langston University, 1959
 LEON ERNEST RICHARTZ, B.S., 1959
 DEALTON JAMES SMITH, B.S., 1959
 CHARLES WENDELL WILLIAMS, B.S., Western Illinois University, 1955

Advanced Certificate

In Education

RICHARD TRUMAN HASELTON, B.S., Northern Illinois University, 1946; A.M., 1951
 ROBERT WAYNE KIRK, B.S., M.S., Indiana State Teachers College, 1949, 1955
 JAMES EUGENE REA, B.S., Eastern Illinois University, 1954; Ed.M., 1957
 VIRGIL RAGSDALE WHEATLEY, B.Ed., Southern Illinois University, 1938; M.S., 1946

In Music Education

TAKESHI KUROKAWA, B.S., Hokkaido University, 1954; Ed.M., University of Missouri, 1959

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

LOYD WILLIAM ACKLAND	WILLIAM GUY BERLER
JAMES MANSFIELD ADAMS	ROBERT MARTIN BOHLEN
CHARLES ROBERT ALT	JOHN RANDOLPH BOYER
ELMER RICHARD BAILS	JAMES EDWARD BUGG
LEROY ROSS BAIR	FRED DEAN BUNTING
LARRY LEE BAUER, Honors	LYDD DOUGLAS BURLING
JAMES ARTHUR BAULING	FRANKLIN NORBERT CARROLL
JAMES LEO BECKER	DAVID EUGENE CHRISTOPHERSON

WILLIAM JOHN CONDON
 BENNY LEE COPLAN
 RICHARD BAKER CURTISS
 ROBERT DYKEMAN DAVIS
 ROBERT CHARLES DORCH
 DALE DEAN DORNBLASER
 RAYMOND GEORGE DUEWER
 ROBERT JOSEPH DUNN
 LINN WILLIAM EATON, JR.
 BURKE EBKEN
 LAMARR WILLIAM EVANS
 PAUL EDMUND FITZPATRICK
 BERT ELDON FRINGER
 GARRY GENE GARLISH
 WILLIAM JOSEPH GRAY
 MERLE MARTIN HAAS
 JOHN WESLEY HACKER
 GLENN WARREN HAYES
 LEONARD ARLEN HIGGS
 RONALD HENRY HOUHAS, High Honors
 ROBERT CHRISTOPHER HUGHES
 RICHARD LEE HUSTON, Honors
 MILES WALTER HYDE
 BYRON EMERY JONES
 WAYNE ROBERT JORDAN
 DARREL DEAN JUNKER
 CURTIS REID KIDDOW
 GILBERT MAURICE KNAF
 STANLEY DOMINIC KOSIBA
 HAROLD IRVING LINDLEY
 JAMES STEPHEN LINDSAY, High Honors
 MICHAEL RHODES LOWER
 DONALD REX MAPES
 CHARLES EDWARD MARSHALL
 PORTER JOHN MARTIN
 LARRY GENE MCCRERY
 HARRY LEE MCGHEE, JR.

SCOTT CAMPBELL MCWHINNEY
 ALVIN LEO MELLIERE
 THOMAS LEE MELTON
 RONALD DUANE MELVIN
 GENE WILLIAM MEURER
 DONALD LESTER MEYER
 DANIEL CLIFFORD MILLS
 DONALD JOSEPH MORRISSEY
 ROBERT LAURENCE MULLIGAN
 GERALD WAYNE NOPSINGER
 WAYNE LEO PETERSON
 VERNON HENRY REICH
 GERALD LEE ROSS
 JAMES FREDERICK ROWLEY
 FRANK STANLEY SINCLAIR
 LAURENCE JOSEPH SLANA
 JESSE RAY SMART
 HUBERT GLENN STAFF
 BURTON EUGENE SWANSON
 MERRILL REINHOLD SWANSON, High Honors
 BRIAN GLENN TELANDER
 GORDON BRUCE THORSON
 JAMES GEORGE TIMBERLAKE
 RICHARD EUGENE TREAT
 JOHN EARL TREI
 EDWARD LEON TURNER
 GARY LOWELL VAN WINKLE
 JOSEPH KEITH WEINLADER
 JOHN GERALD WHITE
 JACK MILTON WIDHOLM, Honors
 JOHN DEWITT WILCOX
 DAVID PAUL WINKELMANN
 ALVIN LEROY WIRE
 ARTHUR LEE WRIGHT
 THOMAS RAY YOUNG
 WALTER WOODROW YOUNKER

In Dairy Technology

JUDITH ELAINE OSBORN

In Floriculture

CHARLES WILLIAM OBERLE

DONALD RAY SELINGER

In Floriculture and Ornamental Horticulture

MAX LEE ALLISON

In Forestry

WILLARD SILLETT BRUGGEN
 CARL ALBERT BUDELSKY
 RAMÓN ECHENIQUE MANRIQUE
 ROBERT GLENDON FISHER
 BILLY MARSHALL FRY
 ALFRED CHARLES HERBSTER
 KARL WILLIAM LINDBERG

ALLAN SCOTT MICKELSON
 DALE ALLEN SNEDAKER
 ROBERT SNYDER
 DAVID WILLIAM TAYLOR
 MILTON GLENN TRUMMEL, High Honors
 JAMES RAY WILTJER

In Home Economics

JANET ZIMMERMAN ANDERSON
 KAREN ESTELLE ARENTSEN
 JOAN FRANCES BRANCH
 JOANNE KREB BRYNJOLFSSON
 KATHRYN LOUISE BUESCHER
 SYBIL SUE BURGIN
 DONNA DAE CAYTEN
 GEORGIA CROPELAS

IRIS LYNN CLARK
 CAROLYN SUE SUMPTION COLEMAN
 BETH MCCAMLY DOHME, Honors
 ELEANOR ESTHER DRAKE
 MARJORIE ANN ERICKSON
 JEANNE MARIE FREDERICK
 KATHLENE ADA GOOCH
 KAY HEPLER HACKER

SYLVIA MARY HARDIN
BARBARA RUTH HORTON
ANN LOUISE HOWARD
JANE ELIZABETH HUMPHREY
NANCYANN HYER
VIRGINIA WESOLOSKI JOHNSON
SHIRLEY ANN JONES
JOAN RITA LANGERMAN
ROSE ANN McMULLEN
VIVIAN BLANCHE McMULLIN
SARA JEAN McMURTRIE
PATRICIA RUTH MOLLET

JOAN WALKER ORSZULA
PEGGY DIANE PARKS
MARLENE RUTH PETERSON
MARTHA JOHNSON RAINBOLT
JOANNE FRANCK ROBERTS
BARBARA ANN STRUNK
CAROL ANN TREMAINE
SANDRA OLSEN TRUCKENBRODT
NANCY ELIZABETH TURNER
PATRICIA ANN WASCHER
SANDRA LEE WHITE
CAROL WINIFRED WYUP

In Home Economics Education

GLENNA JEAN BLUNIER
KAREN LEE BOSSERT
CAROL MARGARET CLEMONS
RUTH ANN DEVRIES, Honors
GENEVIEVE JUNE GENTES
AUDREY GRONERT GIESEKING, Honors
PATRICIA ANN HARRIS
JUDITH ANN HEFFELFINGER
MARILYN JOANN HIGGS, Honors
ROSALYNN FLORENCE JENKINS, Honors

CARLA KAY KUNKEL
PATRICIA ANN LONG, High Honors
ANIDA LOUISE MILLER
ANN BERNICE MONTGOMERY, Honors
PATRICIA ARMSTRONG MOYE
ROSEMARY SCHUSTER
NORMA ANN STRUBE
CAROL ANN UFES
REBECCA GAIL VANDEVENTER, Honors
MARY LYNN WATSON

In Restaurant Management

RICHARD MALCOLM RADELL

JUNE ADELE SCHIEMER

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

LEROY CHARLES BARANOWSKI, Honors
ROBERT LOUIS GIELOW, Honors
MICHAEL DON GROVES
ROBERT DUANE HACKETT
MICHAEL FREDERICK HARKINS
JAMES LESLIE HERMAN
NEIL FREDERICK HOUSEHOLDER
GERALD LEE JAHNKE
ANASTASIOS KONSTANTINOS KABILAFKAS
DOUGLAS JOHN MALEWICKI, High
Honors
DAVID ARCHER MILLER, Honors
RAYMOND OSCAR PITTON
PAUL FREDERICK REGER

EDDIE DELWYN REUTER
FREDERICK LUCIUS ANTHONY
SINDERMAN
LAWRENCE MITCHELL SMALEC
RICHARD LYNN SMITH
ROBERT MICHAEL SOLA
ROBERT EDWARD SPITZER, Highest
Honors
CHARLES FRANK SUCHOMEL
SOO TIONG TAN
RICHARD LEE TATE
EDWARD FRANCIS THOMPSON
WILLIAM WEITZMAN
JACK ARTHUR WHITMAN

In Agricultural Engineering

JOSEPH WILLIAM BECKERMAN
DONALD KENT FADDEN
JERRY DUANE FRITSCHLE
GABRIEL MONGE SOLANO

WAYNE LEO PETERSON
RONALD RAYMOND PRIMMER
YARON MOSHE STERNBERG
ARDEN OSCAR WEISS

In Ceramic Engineering

DONALD HUK KEUNG CHOW
EDWARD MARTIN CLAUSEN
JAMES BRUCE CLOUD
HOWARD WAYNE HILL, High Honors

WILLIAM GORDON LONG
VALENTINE MORRIS PATABINI
GARY GLENN PAULSON, High Honors
DAVID HOWARD STURGIS, High Honors

In Civil Engineering

WALTER LAWRENCE ALLEN, JR.
ROLAND CLAIRE BLOCK
RICHARD DALE BROWN

WAYNE ROBERT BRUNZELL
ROBERT WAYNE CHESJ
DAVID EUGENE CLEMENT

FERDZ RUSTOMJI DUBASH
 HOWARD DALE DUNTEMAN
 PEDER AXEL FINNBERG
 ROY DOUW FONDA
 PETER PAUL GALASSI
 RONALD PAUL HAEBKE
 RONALD ARTHUR HAKMAN
 WILLIAM FRANK HARRIS
 CLARENCE MADSEN HURT
 GERALD ARTHUR JENSEN
 PHILLIP EUGENE JOHNSON
 CARL FRANK KOWALSKI
 GAYLON KENT LATHROP
 REX EDGAR LIVINGSTON
 WALTER VERNER LUNDBERG
 ROBERT ARNOLD LUNDGREN
 WARD ROYCE MALISCH, Honors
 RUSSELL WILLIAM MARTIN
 JAVIER MARTINEZ IBARRA
 WILLIAM WAYNE MCVINNIE, High
 Honors
 RONALD EMERSON MOSS

JOHN LEROY MUNSON, JR.
 JAMES EDWARD MURPHY
 HENRY CHARLES NORCOM
 CARLTON RICHARD PEARSON
 ALFONSO PINZON CASTANO
 ARMANDO POLITI MENDOZA
 RONALD EUGENE PRICE
 LEWIS ALFRED ROELFS
 STEVEN MILTON ROTHACKER
 HOWARD LEE SALZMAN
 AGAPITO SANTOS
 GENE NORMAN SLUTKIN
 ABDUL MAJID TALUKDAR
 FRANK LEE TILEY
 ROBERT JAMES TORRY
 JEROME JOSEPH TRAKSZELIS
 WARREN HUBERT TRESTER
 ELTON ALLEN WAGNER
 STUART DAVID WERNER
 EUGENE RAYMOND WILKINSON, High
 Honors

In Electrical Engineering

GEORGE ROBERT ALBIN
 DAVID ROY ANDERSON
 ROY GUNNAR ANDERSON
 KENNETH LOUIE BAKER
 MYRON ALAN BAKER
 RICHARD DALE BARRIBALL, Honors
 CHARLES BENJAMIN BECHERER, Highest
 Honors
 ROBERT GEORGE BECHTEL, High Honors
 MERLE ALLYN BENGSTON
 PAUL DEAN BOWMAN, High Honors
 THOMAS EDMUND BURNSIDE, High
 Honors
 ANDREW FOTIOS BURTZOS
 HAROLD DEAN CARR
 MICHAEL JEONG CHU
 LOUIS DOMINIC DANIELS
 ROBERT EDMUND DANIELS
 JAMES LLOYD DAVIS, Honors
 WILLIAM HERMAN DELUCA
 PETER JOHN DONALEK
 PHILLIP HARRIS DOPPELT, High Honors
 JOHNNIE MYLES DRIVER
 JOHN FRANCIS EDWARD EBERLE
 DONALD THEODORE EDSON, Honors
 GERALD BERNARD EPSTEIN
 JOHN DELMAR EZOP
 ARTHUR GRIFFIN FITZGERALD
 GEORGE FRANKLIN GATHMAN
 RONALD EUGENE HAHN
 ROBERT EAMES HASKINS
 LESTER HOWARD HAZLETT
 ALBERT WAYNE HEITMANN
 DAVID MARSHALL HENDERSON, High
 Honors
 JOHN WESLEY HILL, High Honors
 DON ALLEN HOLLINGSWORTH, Honors
 DAVID WILLIAM HOOVER
 SOLOMON SUO-LUN HUANG
 ROBERT WILLIAM HUME, High Honors

BILL JO HUNSINGER, Honors
 JAMES MERLE HURT
 DALLAS CLARE INGENUMSON
 GEORGE JENKINS, JR.
 LAWRENCE LEE JOHNSON
 ALGIS JOHN JUODIKIS
 KARL BRUCE KELLER
 JAMES LEE KELLEY
 OREN BYRL KESLER, High Honors
 DONALD ARTHUR KIBBLE
 RONALD HOWARD KIND
 ALAN NEIL KING
 JAMES MARLOW KLAUITTER
 RONALD EDWARD KNOERZER
 DAVID JOHN KOHNER
 GEORGE TAKASHI KOIDE, Highest
 Honors
 DIRK KRUEGER
 LONNIE WILBURLEE LACK
 JOHN KELLY LA GALANTE
 DELBERT ELWOOD LAMONT
 RONALD JOSEPH LAPORTE
 THEODORE EDWIN LARSON
 DAVID SEYMOUR LEVINSON, Honors
 LARRY LEE LINNENBURGER
 WILLIAM PETER LOHNER
 RICHARD ANTHONY LUTZ
 JOSEPH MACKOVJAK
 ANDREW WALTER MAHOLICK
 RONALD STANLEY MARKUNAS
 PHILIP HARDEN MATHES
 JERRY DALL MCCANNON
 HOUSHMAND MIRFAKHRAI
 GEORGE WASUKE NAGAMINE
 MATI NOMM
 ARMAND ORENSZTEIN
 SWIETOBOR JULIUSZ ORSZULA
 JOHN HOYT PAINTER, Honors
 PAUL ALLEN PERKS
 VYTENIS ANDREW PETRUSIS

JAMES RICHARD PEILBLAD, High Honors
 MICHAEL JOHN PISTERZI, High Honors
 LARRY JOE POOL
 THOMAS RONALD POUND, Honors
 MANNY I. PRICE
 REIN RAJA
 DENNIS RAYMOND REIDENBACH
 HERBERT JASPER RIEDEMANN
 JAMES SEYBERT ROMINGER
 PIERRE MICHEL RUIZ AUDABRAM, Highest Honors
 KONRAD LUDWIG SCHIECKE
 HERBERT RAYMOND SCHMITT
 DALE WESLEY SCHUTT
 RONALD LEE SHOEL
 PRASEET SONGTIS

JOHN JOSEPH STEIN, Jr., High Honors
 ZAM KHEN THANG
 DAVID LESLIE TOWNLEY
 CHARLES DAVID TRUCKENBRODT
 WILFRED GEORGE VOLKSTADT
 ROBERT HENRY VONDEROHE
 RICHARD ALFONS VORNE
 FRANKLIN SHERMAN WEINSTEIN, High Honors
 GEORGE HERMAN WESSELMAN
 MANFRED NORBERT WIRTH
 LELAND DEAN WRIGHT, Honors
 JOHN RICHARD YAEGER, High Honors
 RAYMOND TZU-UYAU YEH
 EDDIE HUNG-CHUNG YOUNG, Jr., Honors
 HOWARD JOSEPH YOUNG

In Engineering Mechanics

CHARLES HILMER AHLENIUS
 RICHARD MAX BURTON
 LLOYD LEE CHASE, Highest Honors
 DONALD EDWARD CULLEN, High Honors
 JOHN WESLEY HOCKING
 ANDREW AUGUSTINE KENNY
 DANNY JOSEPH LAUGHUNN, Highest Honors

VIRGIL DUANE LENZI, Honors
 TOM MAX MULCAHY, Honors
 THOMAS EARL MURLEY, Highest Honors
 VICTOR JAMES PALKOVIC
 WILLIAM MICHAEL PURDY
 HAROLD GRAY REESER
 BELA IMRE SANDOR

In Engineering Physics

RICHARD PAUL BRANSON
 JOSEPH CHARLES CALUSIO
 KWAN-SHEI CHEN
 TOMMY DEAN CLARK
 RANDALL BRYANT DAGIS, High Honors
 ROBERT WILLIAM DOWNING
 WILLIAM JOHN KUBITZ
 KENNETH WILLIAM LUKE
 GLEN J. MILLER
 JOHN JOSEPH OHSLUND
 ROBERT WILLIAM PARKER, High Honors

RONALD GENE PARSONS, Highest Honors
 NORMAN CLARK PATE
 RICHARD WILLIAM PETERS
 ROBERTO HILARION RAFAEL ROLDAN ALVAREZ
 ANTHONY JOHN SCHAEFFER, High Honors
 JAMES HENRY STEIN, JR.
 PAUL HANSON TINGLEFF
 DAVID WALTER WILSON, High Honors
 FRANK YI-NEE YANG

In General Engineering

ROBERT HEYWARD GIBSON
 WILLIAM EARL GOSSETT
 JAMES GLENN GOVAIA
 LENNART EMIL JOHNSON
 FRANKLIN CHARLES KULLE
 FRANK LEWIS McOMBER III
 JAMES DOW MITCHELL
 RICHARD LEE REMMERT

DENNIS ROLAND SCHLEMMER, Honors
 BURTON ALAN SCHMARAK
 WAYNE ALLEN SHORT
 RANDAL MCCRILLIS SMITH
 DENNIS GEORGE STEHLIK
 LEON EDMUND STREMLAU
 WENDELL RICHARD WHITLOW
 GERALD WOLIN, High Honors

In Industrial Engineering

DANIEL WILLIAM BARTELL
 DAVID JOEL BROWN
 HAROLD EUGENE D'ORAZIO
 DAVID ISHAM DOW
 LOUIS LYLE FERGUSON
 HAROLD JOSEPH FOSTER, JR.
 JOHN FRANCIS FOSTER, JR.
 ROBERT AARON GOLOWASSER
 MARTIN ENAR JOHANSON

THOMAS JOSEPH KEATING
 DONALD ROBERT KURTZ
 DAVID MAGANA
 JAMES WHEELER MORRIS
 CARL WILLIAM PETERS, Honors
 DONALD HENRY STEINWEHE
 RONALD CHARLES WALLING
 DONALD ALEXANDER YOUNG
 FRANK ZUKOSKY

In Mechanical Engineering

DANILO ARANGELOVICH	MICHAEL WILLIAM MARUSHA
CHARLES PAUL ARMSTRONG	VICTOR JAMES MELVILLE
ROBERT ROY AWE	ROBERT CHARLES MILLER
DONALD LEONARD BARTEL	GERALD MYRON NEWMAN
KENNETH LEROY BEETS	IBRAHIM NICOLA NIJMEH
DONALD EDWARD BENSON	WILLIAM ADAIR OERMANN
RONALD GEORGE BERG	RICHARD FRED OLSON
LESLIE ERNEST BEX	ROBERT WILLIAM PORTER, Honors
DONALD CECIL REED BILYEU	JOSEPH STEVEN RORALY
STUART HARVEY BRAND	GALE PATRICK RUCKER
RICHARD ALBERT CARDNO	KURT GERHARDT SCHIECKE
THOMAS ALBERT CHURCH, JR.	CHARLES LEROY SCHMITZ
ADRIAN CHARLES CROOK	KENNETH ORVILLE SCHOECK
STANLEY MICHAEL DANEK	JAMES LAURENCE SCHOONOVER
CHARLES FOSTER DAVIS	BALBIR SINGH
ALAN CRAWFORD DRUM	DONALD GENE SLANE, High Honors
DONALD HARRY EKSTROM	ANDREW JOSEPH SZADY, JR., Honors
JAMES JACKSON FARRAR	PHILIP ALBERT TRAST
RAYMOND WILLIAM GOLUBA, Honors	CORLISS CECIL WARD
BERNARD SIDNEY GUTOW	WILLIAM FRANK WATERMAN, Highest Honors
THOMAS JOSEPH HEALY	DAVID MARTIN WICKERSHAM
TYRONE BENJAMIN INGO	ARTHUR MONROE WILD
ROBERT THEADORE JOHNSON	ROBERT PETER WILK
JON EMERY KIMBERLIN	LLOYD LAVELLE WILSON
ROBERT ANTHONY KOLINSKI	LOUIS WOZNIAK, Highest Honors
RICHARD EUGENE KUSTER	FRANK THOMAS ZUKLEY
WILLIAM LOUIS LOWRY, JR.	RONALD BEI-FAN ZUNG
ROBERT LAVERNE MALCOLM	
WAYNE LEE MARQUARDT	

In Metallurgical Engineering

JOHN ARTHUR ASTORIAN	GERALD WENDEL DURAY
WILLIAM JAMES BOTTOMLEY	EARL WAYNE GODT
RONALD VERNON BRADLE	HARRY ALBERT LEVIN
WALTER TAYLOR COLLINS	GEORGE JOSEPH VYTANOVYCH
THOMAS ROBERT WILLIAM DREWS	RICHARD MILTON WATERSTRAT

In Mining Engineering

ARTHUR THOMAS ABNER	ARTHUR WILLIAM SCHMIDT
DONALD PATRICK RAETZMAN	LOREN FRANKLIN VOGEL

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

PATRICIA SHEAHEN ABELES, Honors in Liberal Arts and Sciences	VIRGINIA ANN BATTLES
DAVID CRAIG AHLBERG, Honors in Liberal Arts and Sciences	GLENN AUBRY BAUM, Honors in Liberal Arts and Sciences
SUSAN LAVERNE ALBRECHT, Honors in Liberal Arts and Sciences	CARL TRUMAN BELL
BARBARA LYNNE ALDERSON	RONALD EDWIN BECKMAN
JOHN HENRY ALTHOFF, Honors in Liberal Arts and Sciences with Distinction in History	JOHN KARL BERT
DAVID LAWRENCE AMBROSE, Honors in Liberal Arts and Sciences	RUTH MARIE BLACK
DAVID APTER	DAVID BERNARD BOGAN
ROBERT FRANCIS ARROYO	PATRICIA WYLIE BRAMSEN
JOHN LESTER BARDSLEV, Honors in Liberal Arts and Sciences	MELINDA BRESEE
BERT ELWYN BARICKMAN, JR.	JEROME PHILIP BRODKIN, Honors in Liberal Arts and Sciences with Highest Distinction in Political Science
	MARIANNA BROWN, Honors in Liberal Arts and Sciences
	ALAN WADE BUCKLES

- BRUCE BENJAMIN BUESCHEL
 ROBERT ALAN CAGANN
 MARY LYNNE CAMPBELL
 SUSANNE MARIE CAMPBELL, Honors in
 Liberal Arts and Sciences with
 Highest Distinction in French
 LOUISE MARY CATTAPAN
 VIRGINIA CLEO CHAMV, Honors in Lib-
 eral Arts and Sciences with Distinc-
 tion in Latin-American Studies
 LARRY WILLIAM CHAPMAN
 MARY CAMPBELL CHAPMAN
 KAYLA IRIS CHASE
 THOMAS GORDON CHINNOCK
 ROGER ALLAN CHIRPE
 MICHAEL DOUGLAS CLEARY
 EDWARD S. COLBY
 WILLIAM ANDREW COLBY
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 LARRY EMMERT OHLSON, A.B., 1955
 ROGER JEROME PFISTER, A.B., Augustana College, 1958; High Honors
 BARRY EDWARD PUKLIN, A.B., Northwestern University, 1958
 PERRY RUDMAN, B.S., 1958
 RICHARD GEORGE SANDER, Jr.
 JEROME SCHACHTER
 ALAN JOHN SCHROEDER, B.S., 1957
 DAVID GEORGE SILLS, B.S., Bradley University, 1959
 JOEL SHERWIN SOLOVY, B.S., 1959
 NORMAN RICHARD STELTER, A.B., Washash College, 1958
 EDWARD PAUL TEPPER, B.S., 1959
 PAUL EUGENE THOMPSON
 ROGER WINSTON THOMPSON, B.S., Northwestern University, 1954
 JAMES MERLE TREECE, B.S., 1959
 PATRICK ALAN TUITE, A.B., 1959
 PAUL BUSCHER UHLENHOP, A.B., 1958
 ROBERT ALLAN WATTS, A.B., 1959
 DONALD ELMER WEIHL, B.S., 1959
 DONALD BERTON YOUNG, A.B., State University of Iowa, 1958

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

- REVONDA LEE ARCHER
 MARGUERITE SHUTT BANTZ
 GAYLE BECKWAY
 KENNETH GERALD BROWN
 JEANNE BLEUER BUNNING
 CAROL LUCILE CHAPIN
 DENNIS ALAN DAHL
 SABAN DEDE
 MARY SUE DRENDEL
 BARBARA LOUISE DUNCAN
 CHARLES WILLIAM FINK
 MARTHA ZERRINGER FULTON
 MARY JANE GAITENS
 BEVILLE ALICE GEYER
 RICHARD PHILLIP GILES, High Honors
 MARCIA GLASGOW
 MARY LOU GREEN
 ARTHUR WILLIAM HAMMAR
 WILLIAM ROCKNE HOUSER
 SU ANN KAY JOHNSTON, Honors
 JOHN LALES
 MARY JOY LAUTERBORN, Highest Honors
 JUDITH ANN LEWIS
 LONNIE GERALD O'NEAL
 BESS ELIZABETH PERGAKES
 JEAN FRANCES RIDDLESBERGER
 DOROTHY PAULINE SETTERDAHL
 CARL JOSEPH SINDER
 JOYCE SCHMIDT STEWART
 RUTH ANN HURST THOMAS
 ROBERT LOUIS WATSON
 KAREN LINET WEINDORF
 LEE JOEL WEINER
 SARAH JANE WILLIAMSON

In the Education of Mentally Handicapped Children

- LYNN FELICE HAMER
 JOYCE MARYANN HIGHT
 VIRGINIA ANN HYNDS, Honors
 ELSIE JAMES MAGNUSSEN

JUDITH ANN MILLER
JUDITH ANNE MILLS
LINDA SUE SCHEIN

CYDNIE ANNE SHAPIRO
MARY JOY STOECKL
LOANNE LILLIAN WORTH

In Elementary Education

MARIE ANN ANDERSON, Highest
Honors

PATRICIA LORENE ANDERSON
VIRGINIA APRIL BAKER
SUSAN BALL

JUDY ELLEN BARBER

JULIE MARIE BARTOLO

NANCY LEE BEAR

POLLY ANN BENEFIELD

ELAINE BENJAMIN

LORETTA VICTORIA BIALY

BARBARA ANN BLUTH

CAROLINE BOKIOS

BARBARA RUTH BONESTEEL

JUDITH ANNE BRAUN

MARGARET CORNELIA BRENGLE

BEVERLY ANNE BROWN

KAREN DOENIER BROWN

MARY ELIZABETH BROWN, High

Honors

YVONNE JEAN BURNJAS

JOAN WINELAND CASTNER

JUDITH ALICE CHRISTENSON

CYNTHIA SUE CORDES

JUDITH KAY COTTER

LORAINE CHARLOTTE CUTLER

NANCY CARTER DERROUGH

MOLLIE JEANNE DOUGLAS

ABBY GAIL DUBROW

IRIS ESTHER EFRON

ANN LOUISE EHRLICHER

JUDY HELEN ELLIOTT

DIANE ELIZABETH FRIES, High Honors

SUSAN ANNE GALBRAITH

JANICE GANGWER, High Honors

JULIA CATHERINE GATES

YAROL LEE GERRY

CAROL JEAN MARVIN GOETTSCH

SHARON ROSALIND GROSS

VIRGINIA ELLEN HARRELL

JEAN ANN HASHBARGER

CAROL LEE HEIM

CONSTANCE HELDING

SUZON ALICE HITZEROTH

BARBARA KAREN HLETKO

JEANNE GERTRUDE HOLLMAN

LAELA ANN HOLTFORES

ARDELE BENOIST HOWIE

VIRGINIA CHANDLER HUDSON

MARGARET ANN JEPSON

CAROLE ANN JESTER

JOAN KAREN JOHNSOS

MARTHA MARILYN JONES

BESSIE KALLAS

JUDITH ANN KAPLAN

RUMA ANGELA KASUBA

MARILYN JEAN KATING

ADELLE KATZ

PHYLLIS ANN KEENE

VELMA LYNN KLEIN

NANCY ELLE KLINDERA

DIAN KATHLEEN KRUEGER

MERLE LAVONNE KUYRKENDALL

JOAN DILATUSH LAKIN

JANINE JOYCE LAWRENCE, Honors

GAYLE ANN LEABHARD

SANDRA RAE LEBOE, Honors

FLORENCE PAULA LEER, High Honors

DOROTHY JOANNE LOEBL

CAROLE HELEN LUEHRING

JOAN LOUISE LUNDAHL

CAROL ANN LUSK

JANET BARBARA MARKS

MARILYN DOROTHY MARKUS

CAROLE JIROCH MATHES

MARILYN MAUNEY MAYER

AUDREY JO MENGES

MARJORIE LEE METZINGER

JUDITH ELAINE MILLER, High Honors

ALICE LOUISE MOREAU

LEZLIE ANN MORGAN

DORA ANN MORRIS

MARIBELLE BERGSTROM MYERS, High

Honors

LYNN JUNE NAPOLI

LYNNE FRANCES NELSON

VIVIAN ELIZABETH NOGLE, Honors

ELAINE JUDITH NUSBAUM

NORA AUDREY O'BRIEN

NANCY RUTH OLSON

ALICE BRADBURY OSBORNE

MARILYN JEAN PASTERNOCK

CAROL LYNN PETERSON

KAREN ANN PETERSON, High Honors

PHYLLIS ELAINE PETERSON

GAIL PHIMISTER

ROBERT RAYMOND PICKETT, High

Honors

GAIL PIERCE

SHEILA CATHERINE PLATT

SUSAN BOODIN PLAYER

MARLA MCCORMICK PRINGLE

JUDITH ROCHELLE RICE

SUZANNE CATHERINE ROCHE

MARCIA KAY RUBIN

VIANNE RUUD

SALLY LOU SCHORIE

DORIS HORSLEY SCHROEDER

JANE FLORENCE SCOTT

MARIETTA SOUBRETTA SKYLES

MARTHA EVELYN SLAYMAN

DIANA ANN SOWINSKI

SHARLA WAITZMAN STEINBERG

JUDITH LEE TALNEY, Honors

VICTORINE LOIS EBELING THOMAS

KRISTINA ELIZABETH WANBERG

VIRGINIA MAE WEISEL
KATHLEEN SMITH WHITE
PATRICIA BOUGHTON WHITNEY

MARGOT RUTH WIEN, Honors
MAUREEN WOLF

In Industrial Education

JAMES MARVIN BRISTOW
HOWARD GARVER
RICHARD THOMAS O'NEILL
GEORGE RODNEY SCHROEDER

RONALD ARTHUR STEIN
GLEN WILBUR WALDER
JONATHAN SILAS WELLS

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

DANIEL GENE ADAMI
DAROLD PAUL ADAMI
RALPH ADAMS
PETER RENTSCHLER AIKMAN
ALLAN LOUIS ANTONINI
ROBERT MILLER ARMSTRONG
DELORES LYNNE BIDDLE, Honors
JAMES EDWARD BUNCHEE, Honors
ROBERT JOHN BURITZ
JAMES ARTHUR CALDWELL
ANTHONY RICHARD CAZOLAS
DOUGLAS CHARLES CHESTER
WALLACE CHRISTENHOLZ
JOHN FRANK CRIMMINS
ROBERT WAYNE DONALDSON
BRACK WILLIAM DUKER
MERRILL MELVIN EISENSTEIN
RONALD GARY FLEISHER
RICHARD FREDERICK FREY
HILLARD GARLOVSKY
OTTO FRANK GAUS
RICHARD ERVIN GEORGE, JR.
MARVIN IRA GERSTEIN
DONALD DALE GIBBS, Honors
ALVIN LEE GOLDBERG
STUART RUSSELL GOLDSAND
SHERWIN HARA
WILLIAM FRANCIS HAYES
THOMAS MICHAEL HOEPNER
NORMAN ROLAND HOUBE
DAVID ARTHUR HUTCHISON
LYLE VINSON JOHNSON
MARVIN KAMENSKY
DONALD CHARLES KENDEIGH
JOSEPH MICHAEL KLIBER
OWEN ARTHUR KNUTSON

EIGO HENRY KUDO
WILLIAM LEE LENTZ
HOWARD DAVID LERMAN
CHARLES DEAN LEWIS, Honors
WILLIAM MORRIS LIEBER
STANLEY LAVERNE LOVE
JOHN DAVID MARSHALL
THOMAS RICHARD MATALIN
RAYMOND DEAN McMATH
AARON IRVING MICHAELSON
HAROLD RICHARD MURPHY, Honors
RICHARD DAVID NELSON
JAMES LYONS PISO
WILLIAM EDWARD POKORNY
FRED IGNATIUS PSYK
JOHN FRED REHER
EARL BEAU RERICH, Honors
THOMAS LEE ROLEY
GORDON LEE ROSENBERGER
MICHAEL FRED ROUILLE
LEONARD HOWARD ROVNER
THEODORE ISADORE RUBIN
ROBERT ALAN SCHARLACH, Honors
ALAN SHELLEN SCHENK, Honors
HOWARD KENNETH SCHMIDT
DONALD ALLEN SMITH, Honors
SYLVIA CAROLYN SMITH
CLELA ANNE STERN
CHESTER LEE STEWART
HARRY EFFINGER STEWART
EDWARD HERMAN STONE
DOUGLAS EARL TONKINSON
PAUL JOSEPH TROGLIA, JR.
RICHARD ALFRED VAN HAM
DONALD ROBERT WARNER

In Accountancy and Economics

RONALD EUGENE HOLLOWAY, Honors

In Accountancy and Management

WILLIAM CORNELIUS TERPSTRA, Honors
in Accountancy

In Commerce and Law

JAMES WILLIAM GUSTAFSON
FRED LEONHARDT HUBBARD
RONALD GENE KLEIN

MICHAEL WARREN LISSNER
RUTH JOSEPHINE SMILGIS

In Commercial Teaching

JOAN RUTH HOTTES
 DONNA RAE ISTD
 JUDITH ANN KANNMACHER, Honors
 LINDA KAY KANNMACHER, Honors
 MARLENE KATHLEEN KOESTER
 RONALD PHILLIP LARNER

JUDITH ANN LYMAN
 SHARON ELAINE O'NEILL
 CAROL ELLEN REICHERD
 JANET ANN SCHLEPER
 KARIN ESTHER SJOSTROM

In Economics

DAVID ALAN ABRAHAMSON, High Honors
 STANLEY FRANK BIESZCZAD
 JOEL FREDERICK DANIELS
 PAUL KENNETH GATONS, High Honors
 ALAN DAVID KARDOFF

ROBERT LAWRENCE KUSKE
 DONALD ALLEN MATHEWS
 DANIEL LAWRENCE MESCH
 KENNETH EVANS MILLER
 LAURENCE BROCK RUBENS
 ALLAN MEDLEY THOMPSON

In Finance

STEVEN TODD ANDERSON
 ROBERT FRANKE BENBOW
 LEIGH GENE BEUBE
 JOHN OSCAR BORNHOFFEN, High Honors
 JOYCE LORENE BULLOCK
 ROBERT CHARLES COOK
 BRUCE LAWRENCE DAHLTORP
 LAWRENCE PAUL DARROW
 CARL FREDERICK FAUST, Jr., High Honors
 ROBERT THOMAS FIREBAUGH
 BRUCE ROBERT FISCHER
 ROBERT WILLIAM GORSKI
 DUANE WILLIAM GRIMM

CAROL EUGENE HAMILTON, High Honors
 LESTER HOWARD HARRIS
 BRUCE F. HART
 JAMES CRAIG LAVELLE, Honors
 KEITH ALLEN LICHTENWALTER
 HARRY LEE MATHEWS
 JULIAN ALAN OETTINGER
 ROBERT ALLAN PISKIE, Honors
 JOHN DAVID RAMEY
 WILLIAM EARL RAY, JR.
 FRANCES ADRIANE SCHOEN
 FRED WILLIAM TIBBETTS
 GERALD MONTE ZAK

In Finance and Marketing

HOWARD SHELDON ROTHBERG

In Industrial Administration

DARREL FRANCIS DE DECKER
 RICHARD LOWELL DRANE
 TERRY JAY HENRY
 DAVID MORDECAI ICKOW
 DAVID ROY JOHNSON

PAUL FAULKE NELSON
 LOUIS MORTON SKYDELL
 ROBERT HERMAN TEWES
 CLIFFORD CHARLES THYGESEN

In Management

FRED BERNARD ANDERSON
 JOSEPH MARTIN ATKINSON
 THOMAS EDWARD COLMAN
 HERBERT POND CRANE, JR.
 SHARON LEA CROWLEY, Honors
 JOHN FRANCIS DANIELS
 DONALD CHARLES DREVER
 FREDRICK JACK DURLER
 THOMAS MARTIN EKOVICH
 DAVID ELMAR ELWSON
 LAWRENCE IRWIN FIELD
 MARVIN GITLER
 JAN LEWIS HAGERMAN
 WALTER PHILLIP HOPKINS
 PATRICK JOSEPH KENNEY
 RICHARD LAWRENCE KOFFARNUS

RICHARD DAVID LANHAM
 KENNETH PAUL MARSDEN
 RONALD LEE MASON
 JAMES FRANKLIN MOES
 JAMES EDWARD NUELLEN
 GEORGE MICHAEL OROS
 AARON LED REITZ
 MANFRED HELMUTH RORIG
 DANIEL LAWRENCE SCHWARTZ
 JOHN MICHAEL STAPLETON
 JERRY HUGH STEINBERG, Honors
 ERIC WALTER STRAUSS
 DONALD BRUCE TREMPER
 STEPHEN JAMES WEISER
 FRANK THOMAS WYDRA, JR.

In Management and Marketing

KENNETH DAVIDSON ARCHER, Honors

In Marketing

MICHAEL BERNARD BOUCHARD
 ROBERT PETER BROWNSON
 JEFFREY SHERIDAN BUTLER
 DAVID EDWIN CARLSON
 CHARMAYNE VILLONA CASEY
 GARY LEO COOPER
 MARY HELEN CRAVENS
 RICHARD JOSEPH DANDURAND
 JAMES STEWART DEAN
 WILLIAM GEORGE DOELL
 PETER JOHN DUSKEY, Honors
 RICHARD WILLIAM EICKSTEADT
 DENNIS RICHARD FOX
 FRANCIS JAMES GANNON
 MICHAEL MAURICE GORDON
 JOHN PATRICK HIGGINS
 MICHAEL ALLEN HOFFMAN, Honors
 WAYNE JOHNSON
 ALLEN JOSEPH LARSON
 JOHN SAMUEL LESAK
 JOHN GORDON LOCKE
 KENNETH JOHN LUDEKE
 FRANK LUPI

MARSHALL ROBERT MARCUS
 ROBERT ROSS MAYOR
 WILLIAM OSCAR McDOWELL
 DONALD CORBY MORRIS
 JOHN CHARLES PASNAU
 FRANK JOHN PASTERNAK
 ANTHONY JAMES PETULIO
 ALFRED ALAN PINGER
 KARL RONALD RABENECK
 JAMES WOODROW RHODES
 JAMES ROBERTS RILEY
 BRIAN GENE SANDBERG
 JOEL PHILLIP SCHAFF
 JOEL PRESTON SCHWARTZ
 JAMES LESLIE SHONKWILER, Jr.
 WILLIAM JOSEPH SMITH
 DAVID WARREN SNYDER
 WILLIAM EUGENE STAUTER
 CHARLES EUGENE SWANSON
 CLIFFORD RUSSELL WILDERMAN, Jr.
 RICHARD ALLAN WINTERS
 WILLIAM LEE YONTZ

In Secretarial Training

MARY JO ALLER ABRAHAMSON, Honors
 CAROLYN ANN BABCOCK, Honors

CAROL LYNN ENRICO
 PHYLLIS POWELL EWING

In Urban Land Economics

ROBERT MICHAEL STEFANSKI

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Communications

EARLEEN LOUISE BARNES
 RICHARD BENNETT BAYLEY
 JOHN MILTON BOBICZ
 GLORIA KONG CHIN
 JAMES CHARLES CLARK
 THOMAS ELLIOTT CLARK
 CAROL GUSTAVSON COX
 GORDON LEE DeCOOK
 ROGER ALLAN DERBY, Honors
 VALERIE NEVILLE DRACHMAN
 FRANCES DAVIDSON DWORKIN, Honors
 JAMES FRANKLIN ELLIS
 JOYCE DIANE FRIEDMAN
 PAUL ALAN FRIEDMAN
 TED LOUIS FRIEDMAN
 RICHARD GEORGE GABOR, Honors
 MARGARET JEAN GOODMON
 MELVIN ROBERT GRANT
 PHILIP JAMES GRIESBAUM
 DOLORES MERCHANT HANSON, Honors
 ELIZABETH LEE HENDRICK
 LARRY OSCAR HILL
 GERALD AARON HOLLOWAY, Honors
 EMILY SUE HOWALD, Honors
 RONALD OSMAN HOWORTH
 SANFORD JAFFE
 GERALDINE MARGARET JOHNSON
 BEVERLY RAE KIMES

STEPHEN ROBERT KNAPP, Honors
 DAVID LOWELL KUHN, High Honors
 LAWRENCE JOSEPH KUZELA
 GREGORY JAMES LIPTAK, Honors
 JANET ELLEN LITTLE
 SUSANNE OEHLER
 ARTHUR JOHN O'LEARY
 CONSTANCE BRAND PARRISH
 ANTONIO MICHELE QUIRINI
 LAWRENCE MORRIS RADLEY
 ANN JO RANKIN
 CLIFFORD UBERT ROBERTS, Jr.
 HAROLD THOMAS ROOS, Jr., Honors
 BARBARA JEAN SCHUBERT
 DORIS SIEGAL
 WARREN SILVER
 INA ARONOFF SMITH, High Honors
 KENT ERNEST SMITH
 EDWARD STATTMANN, Jr.
 HARRY ROBERT TARG
 GORDON RICHARD TAUBENHEIM, Honors
 BARBARA ANN TRIPP
 CARROLL ERNEST USEMAN
 ROBERT BALLINGER WELCH
 ROBERT WAYNE WESTERBECK
 JANICE JEANINE WRIGHT
 JUDITH ANN ZAVODNY

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Architecture

GEORGE LAWRENCE ADAMS	CLARENCE EDWARD KLAUS, JR.
LAWRENCE ALBERT AHLVIN	DAVID ALLAN KLINGEL
GEORGE ARTHUR ALBERS	JOSEPH KOSINSKI
CONRAD CHARLES ARNOLTS	KENNETH MONROE KREUTZIGER
LARRY RAYMOND AULL	PAUL IKE KUPFERBERG
RICHARD RONALD BERGMANN	PHILLIP ALVIN KUPRITZ, High Honors
HARRY JULE BETLEY	DONALD THOMAS KURKOWSKI
TOM EDWARD BOOK	WARREN MICHAEL LISEC
CHARLES WILLIAM BOOS, JR.	THOMAS JOSEPH LORENZ
RONALD RICHARD BORK, Honors	RAYMOND VALENTINE LUKAS
DAVID PETER BROES	RICHARD HAROLD LUTZ
STEPHEN CHOMA, JR.	JAMES STANLEY MCCLINTOCK
CARL LEO COLOMBO	JOSEPH DANSON MCKAY
RICHARD EDGAR DAEMS	ROBERT FRANCIS MCKENZIE
DAVID RICHARD DOBERMAN	PAUL WILLIAM MCKIM
ADALBERT DANIEL DROCOSZ	FRANK RONALD MELKA
ROBERT REGIS DVORAK	RONALD LESLIE MOLINE
GERALD CHARLES EICHELKRAUT	RALPH EARLE MONTGOMERY
RICHARD CHARLES EMRICK	JOHN FRANCIS NEKOLNY
ROBERT HOWARD FABBRI	HERMAN ZELEG NEUBERGER
SIMON KENTON FIGHT	MILAN ANTONY OLACH
JEFFERY ARTHUR FINKLE	GERALD PORTER ORR, Honors
JAMES RONALD FLANIGAN	PAUL WILLIAM O'SHEA
ROBERT HERMAN FOX	ANTHONY PATRICK PAWLOWSKY
PAUL JOSEPH FRANCISCOVICH, JR.	WALLACE ALLEN RAPPE
ANTHONY CARLO FRANGELLA	MAX NORMAN SCHMIDT
HAROLD FRITZ FRIBORG	PETER HENRY SETZER
JOHN YOSHIO FUJIWARA	LELAND GEORGE SHAW
RONALD GEORGE GHILARDI, Honors	WILLIAM EDWIN SHAW
JAMES EDWARD GRISOLANO, Honors	ROBERT JOSEPH STERK
JANET GRONBERG, High Honors	DONALD JAMES STOLPA
FRED FLEMING GUYTON, JR., Honors	JOHN FRANCIS SWEETNAM, JR.
PHILIP CLARK HAFFNER	ALGIMANTAS VLADISLOVAS TAMASAU-
GEORGE MICHAEL HANSON	SKAS, High Honors
HUBERT FRANKLIN HEDGES	GEORGE JOSEPH VENTURI
HAROLD WILLIAM HOYER	WILLIE WALLACE
ROGER WALTER JADOWN	WAYNE LEROY WEDELL
JOHN FRANCIS JANIGA	FRANCIS GEORGE WHITCOMB
ROBERT DONALD JOHANSEN	JULIAN THADDEUS WHITE
ANTHONY NELSON JOHNS, JR.	WILLIAM EDWARD WHITE
RICHARD ALDEN JONES, Honors	JOSEPH FRANCIS WUNDSAM
JAMES FREDERICK KAATZ	ROY YUKIO YAMACHI
PAUL FRANK KAEFER	PAUL GERARD ZELONES
TOM TOME KATSUYAMA	FREDERICK EDWARD ZIMMERMANN
RICHARD ARTHUR KIMBROUGH	

Degree of Bachelor of Fine Arts

In Advertising Design

JOHN CHARLES BROOMFIELD	DAVID WILLIAM MORROW, Honors
CHARLES DON CLABAUGH	MARY ELLEN ROE
GEORGE PAUL EURINGER	ANN BRANDENBURG ROMINGER
PAUL LESTER GLICK	ALLAN DALE SCHMIDT, Honors
HENRY RAYMOND HECHTMAN	MELVIN DEMPSTER SHAVER
RALPH ROBERT LOVE	KAROL PORTER THOMAS
LINDA GAIL MCGRATH	FRANK LEONARD VECERA, JR.

In Art Education

VICTORIA CHRISTINE AASBREIN	ANITA LOUISE GOER, High Honors
LAUREL SMITH CAPPS	BETHANY JOYCE HAGE
HELEN ELIZABETH GALL	DEONNA FORMAN HAINES

MONA MUNSON HOHM, Honors
 DARLENE MAE KITTLSEN
 FERN LEVY, Honors
 LOUISE ANDERSON POND, Honors

GAIL IRENE SCHLEIF
 MARTHA JEAN SOLOMON, High Honors
 DIANE MARIE STEPIEN

In the History of Art

MARGARET WENDELL LABARRE, High Honors

In Industrial Design

RICHARD WILLIAM ALBRIGHT
 ROBERT OTTO BLASDELL
 SCOTT WINFIELD COLBURN
 JAMES CLYDE FRY
 THOMAS EDWARD FRANCIS HASSETT
 RICHARD EDWARD HENDERSON
 RICHARD FRANK MACHAS
 CHARLES HENRY MEYER, JR.

DANIEL EDWARD MOLESKI
 JOHN THOMAS QUIRK
 ROBERT JAMES READER
 PHILIP ARLEIGH ROBERTS
 DALE EDWARD SCHAFFERNAK
 WILLIAM HERBERT SCHOFIELD
 ROBERT CAMERON TAYLOR, Honors
 WILLIAM RONALD WALLBRUCH

In Landscape Architecture

BARTLETT HOWARD BERTOLINO
 JOAQUIN CARLOS CICERO
 PHILLIP EUGENE DETURK, High Honors
 FREDERICK WENMAN FJELDE

JOHN HENRY LOCKNER
 CHARLES WESLEY MOSHER
 LARRY GENE PUGSLEY
 STUART WALKER THOMAS

In Painting

JILL M. GREENSPAN
 SHARON GREENBERG MURASKIN, Honors

BARBARA FINN POLAN, High Honors
 SALLY TRINKLE, Highest Honors

Degree of Bachelor of Music

ALFRED WAYNE BLATTER
 FRANCIS HARRY BOWEN, High Honors
 EDNA DEAKYNE BROWN, Honors
 WILLIAM KILLIAN GALLO, Honors
 BARBARA ELAINE GOLDMAN, High Honors
 LISA RHINE GRABLE, Highest Honors

ROBERT BRUCE KUZMINSKI, Honors
 KENNETH ROBERT MARSHALL, Honors
 JOHN JOSEPH MCCAULEY, Honors
 ARLENE JOANNE VERBESKI, Honors
 JAMES MERLE WEAVER
 RONALD ALVIN WORSTELL, Honors

Degree of Bachelor of Science

In City Planning

EDWARD JOSEPH GEGAN
 VERNON EDWARD GEORGE
 STUART CRAIG HALL

ROBERT DEAN LARENCE
 ARTHUR MILTON STOUT

In Music Education

DONALD AMES BENDER, Honors
 RUTH ANN BRITT, Honors
 JOHN ROGER COWEN
 DEANNA KATHRYN DAVIS
 MICHAEL JOHN ESSELSTROM, High Honors
 JUDITH ALICE FEUTZ
 ELAINE JOYCE FINK, Honors
 WILLIAM KILLIAN GALLO, Honors
 MARTHA ELIZABETH GILKERSON, High Honors
 CAROLE ENGLE HEGMANN, Highest Honors
 ROBERT WARNER HINDSLEY, High Honors
 JAMES RICHARD JARRARD

CARLYLE WARDELL JOHNSON
 KIRBY DALE JOHNSON
 JESS ALAN KIMBLE
 JOYCE KAREL LOOFBOURROW
 JANET LUCILE MEADORS, Highest Honors
 GENEVIEVE ZEH PITTON
 JUDITH MARIA ROUDEZ
 LLOYD WILLIAM SCOTT, Honors
 ARLENE JOANNE VERBESKI, Honors
 LINDA LEA WALL, Honors
 SUZANNE WATKINS, Honors
 GAIL ANN WENTE
 JULIA ROBERTSON WENTZ, Highest Honors
 SANDRA JO YOUNG

COLLEGE OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Health Education

GARNETTA JEAN BROWN

In Physical Education

PAUL CLIFFORD ARNESON
THEODORE WESLEY BEASTALL
ROBERTA SUE BENNETT, Honors
CHARLES OMER BROUGHTON
WILLIAM DORSEY BROWN
ROGER KENT BUSHDIECKER
FRANKLIN ROY CHAMBERS
FREDDIE MAX CROTHER, Honors
STALEY RAY ETTER
BRENDA CAROL FELT
BARBARA JEAN FLEEGER
JUDITH ANN FRANZEN
CAROL ANN FREDRICKSON, Honors
CHRISTINA ISABEL GRAHAM
MARVIN GENE GRAUNKE, Honors
HELEN CAROLYN HEWITT
DENISE MYRTLE HILE
GENE KAZUO IDENO
JAMES CHARLES JERKATIS
HAROLD LEE JOHNS
ROBERT JOHN KOLENO
RICHARD ALLEN KREITLING
EDWARD THOMAS KWIATKOWSKI
LARRY BRADEN LAVERY
JOHN PATRICK LENNON
INA IRENE LOUZENSKY

DAVID CALDWELL MARTIN
PAUL MICHAEL MARTORANO
EDWARD I. MELBY
SUE MITTENDORF
SHIRLEY ANN PALPUSKY, Honors
MARLA PONCAR PERRY
PAUL EDWARD PLAYER
ROBERT ERNEST PORTER
JOEL WILLIS RICHERT
CLIFFORD UBERT ROBERTS, Jr.
DONALD LESTER ROUX
MARY FRANCES RYAN
VIRGINIA CAROLYN SEILER, Honors
ROCK HAF SHARER
DONALD FRANK SITTNICK
ARNOLD GENE SKIPWORTH
JOANNE NEMEC SMITH
CAROLYN IRENE TILLEMA
ARTHUR JUDE TRYBEC
DON HARLEY UPTON
NANCY ANN WEAVER
JOSEPH STANLEY WENDRYHOSKI
ANN ELIZABETH WHITELEY
BURNLEY EARL WILKEN
HENRY GEORGE WOLF
RICHARD ALLEN WOOLEY

In Recreation

SARA JANE BOCKWINKEL
CYNTHIA ANNE CROSE
JAMES JUNKIN DORRIS
NILS ERIK FAGERMAN, Jr.
BARBARA CRISPIN GOEKE

DAVID LEE GOSSARD
JUDITH ANN ROTTER
JOANNE ESTHER SCHNEIDER
ELEANOR DOROTHY TARRASCH
CAROL ANN TOWNER

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

HOWARD FRANCIS BABBS
KENNETH PARK BILLINGS
RICHARD CONRAD
MARION ANGELO FIORILLO
SAMUEL JORDAN HARRISON, Jr.
HOWARD LESTER HAY
WILLIAM BRUCE INGRAHAM

PATRICK COLUMBKILL McDERMOTT
JOHN SAMUEL MOORE
DANIEL DEAN OATES
JOSEPH MILTON SMITH
RONALD EDWARD SZYMANSKI
RONALD ROBERT WOODRICK

COLLEGE OF VETERINARY MEDICINE

Degree of Bachelor of Science

In Veterinary Medicine

CURT HERMAN BARTHEL
WESLEY GERHARDT BIERTZ
RICHARD LEE BRYANT
WALTER WILLIAM DALITSCH, Jr.
JOHN OTIS DICKINSON
DENNIS WILSON DUFFIELD

HAROLD WILLIAM GEHRIG
SANDRA THERESA GRONKOWSKI
CARL JAMES GUARIGLIA
BRUCE CHARLES HANSEN
ELMER CHARLES HENDRICKS, High
Honors

ROGER SYLVAN JAENEE
JIMMY BARTHEL JONES
KENDALL RALPH KNUTSTROM
RUDOLPH KOBRAS
JAMES RICHARD LAMAR
GLEN FRANKLIN LEHR
JAMES GRATTAN LOGSDON, JR.
KATHLEEN MARY MURPHY

WESLEY TRUMAN OSTHUS
RAYMOND BERNARD REEVES
WILLIAM JOSEPH SCHAFER
ARNOLD RAY SMITH
RICHARD FRANKLIN WALLIN
ORVILLE OWEN WESTLAKE
HENRY GALE ZACHEIS

Degree of Doctor of Veterinary Medicine

CARL THOMAS ARMSTRONG, JR.
CALVIN WILLIAM BARTHEL
RICHARD PATTON BRADBURY
JOSEPH LEO BREWER
MARVIN ALLEN COSNOW
ALBERT JUNIOR DAY
EDWARD JOHN DICK
JOSEPH ANTHONY DUCE, Honors
DONALD BURTON FELDMAN
LAWRENCE FRIEDMAN
ROBERT EUGENE HAMPTON
GERALD HERMAN HANKES
JOHN KENDELL HARDING, Honors
ROBERT STEPHEN HIRTH
JOHN WILLIAM HORN
DAVID LESLIE HUXSOLL, Honors
ROBERT LYNN KINSEY
WESLEY DALE KNUTSON

KENNETH EDWARD KOPECKY
LOUIS ERNST LANDAU
CAROL MAX LANG
NOEL DAVID MARION LEHNER
MARJORIE BRAUN LOSCH
WILLIAM REEL LOSCH
DAVID BARD MACKAY, Honors
FRED HARRY OLIN
LEE FRANK PATEL
JOHN WAYNE REHN
LAWRENCE JOSEPH RODER
PHILIP QUENTEN ROSE
ELLIS EARL SEAVEY
LOUIS EDWARD STRACK, High Honors
LESTER GARLAND THOMSON
FREDDIE LEROY UHLAND
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Degrees Conferred at Chicago

GRADUATE COLLEGE

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In Anatomy

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In Biological Chemistry

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TOHRU INOUE, A.B., Stanford University, 1940; M.S., 1955
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LOWELL DAVID ZELEZNICK, B.S., 1956

In Chemistry (Pharmaceutical)

FLORENCE CHRISTINE KLEE, B.S., M.S., 1950, 1953

In Pharmacology

GARADI RACHAPPA CHANDRASEKHAR, M.B.B.S., University of Mysore (India), 1950
ALLEN WARREN GOMOLL, B.S., M.S., 1955, 1958
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In Physiology (Clinical Science)

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In Surgery

GEORGE JOSEPH MARIAN SLAWIKOWSKI, A.B., A.M., University of Cambridge (England), 1952, 1956; M.B., Ch.B., University of Edinburgh (Scotland), 1955; M.S., 1959

Degree of Master of Science*Conferred June 9, 1961**In Anatomy*

- GORDON CHARLES BLAHA, B.S., Northern Illinois University, 1957
FAYE LOUIS MILLER, B.S., Miami University, 1959
SARA RUTH MINKUS, B.S., Roosevelt University, 1959

In Biological Chemistry

- MERTON RONALD BERNFIELD, B.S., 1959
AKIRA FURUYA, B.S., University of Tokyo (Japan), 1956

In Chemistry (Pharmaceutical)

- DONALD MARK STOKES, B.S., Northwestern University, 1949; B.S., 1955

In Histology (Dentistry)

- DENNIS BYRON BARBER, A.B., Washington University, 1955; D.D.S., 1959
CHRIS PETER CASTEN, B.S., 1958
BOLESŁAW MAZUR, B.S., D.D.S., 1954, 1956

In Microbiology

- WINIFRED MARJORIE GREAVES, A.B., Emmanuel Missionary College, 1959
DONALD HENRY LUECKE, A.B., Macalester College, 1959
MARY DAYLE NOVAK, A.B., Northwestern University, 1960
EUGENE MAXIMILLIAN VAICHULIS, B.S., University of Notre Dame, 1959

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- BALRAJ KUMAR ABORA, B.S., University of Delhi (India), 1952; B.D.S., University of Lucknow (India), 1956
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- CARMINE ANTHONY DURZO, B.S., D.D.S., University of Pittsburgh, 1953, 1957
JAMES RONALD HAVERA, B.S., D.D.S., 1955, 1957
CARLOS JORGE VOGEL, C.D., University of Sao Paulo (Brazil), 1957

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- PAOLO SIMONE MOMBELLONTI, M.D., University of Milan (Italy), 1956

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- LAILA AHMED MOHAMED BAYOUMI EL-FATATRY, B.Pharm., Pharm.Chem., Alexandria University (Egypt), 1956

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- LORENZ MARTIN HOFMANN, B.S., 1959
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- LAWRENCE JOSEPH FISCHER, JR., B.S., 1959
NORBERT JOSEPH WOJCIECHOWSKI, B.S., 1951

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ROBERT BRUCE HURDLE, B.S., 1959

WAYNE RICHARD JOHNSON, B.S., 1959

GEORGE DAVID KARNES

NICKOLAS KONJEVICH, B.S., 1959; Honors

WILLIAM BERNARD KORT, B.S., 1960

DONALD ANTHONY KRZYZAK, B.S., 1959

DAN KUMARICH, B.S., 1952

PAUL LANDMAN

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LESTER CARL LIBBY, B.S., 1959

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STEPHEN BURDETTE LINDELL, B.S., Monmouth College, 1957

GORDON CARL LOPGREN, B.S., 1960

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TOIVO O. MAKI

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FREDERICK JERRY MATTKA, B.S., 1960

JOSEPH PAUL MAYER, JR.

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JOEL RONALD MONTALBANO

ZANE FRANK MUHL, B.S., 1959

IVAN STUART PELTON, B.S., 1960

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STERLING SCALES

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Northwestern University, 1951

NORMAN DIXON SPEARS, B.S., Colorado College, 1957; B.S., 1960

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COLLEGE OF MEDICINE

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Honors

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CORALIE HIRSCH GLANTZ

TANIA STRINGER GORDON

THERESA HEALY

HELEN TOMOKO HIKIDO, Honors
DOROTHY GUNDERSEN JULIN
SYDELL SHAPIRO KALNITZ
SHERRY MARLENE LUND
ROSALIE MOSS, High Honors

ELIZABETH AINSWORTH PASCOE,
Honors
NANCY ZALKIND RICHMAN, Honors
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ton University, 1957; B.S., 1959
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vard College, 1957; B.S., 1959
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WILLIAM DAVID COX
REX MORRELL CRAIG, B.S., 1959
JAMES DONALD CUSACK, B.S., Univer-
sity of Notre Dame, 1957; B.S.,
1959
CHARLES ROBERT DAISY, B.S., 1959

GEORGE EARL D'ASARO, B.S., 1958
JOHN SCOTT DECKER, B.S., 1958, 1959
RONALD ALLAN DEMOVSKY, B.S., 1957
JAMES RONALD DOWNING, B.S., 1957,
1959
GARY ALLEN DRAPER, B.S., 1959;
Honors
MORTON HOWARD DUBNOW, B.S., 1959
ELROY RAYMOND ENGELING, B.S., 1959
RONALD GEORGE ERIKSEN
JACK CALVIN FAGAN, B.S., 1959
JAMES VINCENT FAYATA, B.S., 1959
GARY LOWELL FELDMAN, B.S., 1959
DANIEL RICHARD FISHER, A.B., Albion
College, 1957; B.S., 1959
MARVIN ALLEN FISHMAN, B.S., 1959
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RICHARD ALLEN FLORES
JERRY ELI FRIEDMAN, A.B., B.S., 1958,
1959
MURRAY FRIEDMAN, A.B., Hunter Col-
lege, 1949; Ph.D., Yale University,
1952; B.S., 1959
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GEORGE CYRIL GALLATI, B.S., 1959
LESLIE CHARLES GARLAND, B.S., 1959
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Louis College of Pharmacy, 1954;
B.S., 1959
JOHN ALFRED GERDES, B.S., D.V.M.,
1955, 1957
ARNOLD LARRY GILBERG, A.B., B.S.,
1958, 1959
DEWEY JACK GILBERT, B.S., 1959
JAY BENNETT GORDON, B.S., 1959
MICHAEL STANLEY GORDON, B.S., 1959
ARTHUR TOBIAS GRONNER, A.B., B.S.,
1957, 1959
HOMER CLOUSE GROVES, B.S., 1959
FRANK ROSARIO GUASTELLA, A.B.,
Northwestern University, 1957;
B.S., 1959
NANCY JANE GUBISCH, A.B., North-
western University, 1957
JANIS ARLENE GUMPEL, B.S., Michigan
State University, 1957; B.S., 1959
GLENN EDWARD GUSTAFSON, Jr., B.S.,
Beloit College, 1957; B.S., 1959
RAYMOND EUGENE HAMMER, B.S.,
Greenville College, 1951; B.S.,
1954, 1959; D.D.S., 1955
RAYMOND MORTON HANDLER, B.S., 1959
TERRENCE CONRAD HANSEN, B.S., 1959

- ROBERT HEWING HARNER, B.S., 1959;
 Honors
 ROBERT RAY HART, A.B., Wabash Col-
 lege, 1957
 JAMES AUGUST HECK, B.S., 1959
 WILLIAM JOSEPH HESTER, B.S., 1959
 DON EUGENE HINDERLITER, B.S., 1959
 MARSHALL HIRSHMAN, B.S., 1959
 LYNN WAYMAN HOLDER, A.B., South-
 ern Illinois University, 1957; B.S.,
 1959
 GEORGE RAYMOND HONTG, B.S., 1958,
 1959
 GEORGE EDGAR HORD, B.S., 1959
 RODERIC STEPHEN HUBER, A.B., B.S.,
 1958, 1959
 GLENN EARL HUDGENS, B.S., 1959
 PHYLLIS BARNARD JACKSON, A.B., 1952
 LOUIS FITZHENRY JAMES, B.S., 1957,
 1959
 WILLIAM RAYMOND JEWELL, A.B.,
 Blackburn College, 1957; B.S., 1959
 LEE LOUIS ALVIN JOHNSON, A.B.,
 Washington University, 1955; B.S.,
 1959
 MARION ESTRID JOHNSON, A.B., B.S.,
 1957, 1959
 JOHN FRANCIS JUST, A.B., Brown Uni-
 versity, 1957; B.S., 1959
 ALLEN LOUIS KAALAAS, B.S., 1959
 DAVID ALVIN KAMMEYER, B.S., 1959
 MARVIN SAUL KAPLAN, B.S., 1959
 MELVIN PHILLIP KATZ, B.S., 1959
 WAYNE HARRY KONETZKI, B.S., 1957
 LEONARD AMOR KOSOVA, B.S., 1959
 DONALD SMITH KULLERSTRAND, B.S.,
 1959
 SAMUEL ALBERT KUNIN, B.S., 1956, 1959
 SOLOMAN KUPERMAN, A.B., B.S., 1956,
 1958
 REYNOLD THORVALD LARSEN, A.B.,
 Concordia College, 1957; Honors
 WILLIAM ROY LARSEN, B.S., 1957, 1959
 GERALD LASIN, B.S., 1957, 1959
 MAURICE DAVID LEBOWITZ, A.B., 1957
 HARVEY JOSEPH LEVIN, B.S., 1959
 RICHARD MARVIN LEVIN, B.S., 1957,
 1959
 SEYMOUR RONALD LEVIN, B.S., 1956
 HOWARD MICHAEL LEVINSON, B.S.,
 1957, 1959
 CHARLES ALPHONSE LIMP, B.S., 1959
 JOHN SAMUEL LOWITZ, B.S., 1959
 HAROLD MAIZEL, A.B., B.S., 1957, 1959
 CHARLES MONTELL MAPLES, B.S., 1959
 RICHARD ALAN MARTENS
 ROBERT WILLIAM MATTHIES, JR., A.B.,
 Northwestern University, 1957
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 western University, 1957
 JAQUELYN BRUCE McCANDLESS, B.S.,
 University of Chicago, 1957; B.S.,
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 GORDON LEE MCGHEE, B.S., 1948
 DONALD RAY MCRAVEN, B.S., 1959
 DONALD ALAN MILLER, B.S., 1958
 WALTER JOHN MILLER, JR., B.S., 1957
 SHIRLEY MORRIS, A.B., Indiana Univer-
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 Northwestern University, 1957
 JOHN RICHARD NICHSWANDER, B.S.,
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 FRANK GARD OGREN, B.S., 1959
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 ROBERT JOSEPH ROTHMAN, B.S., 1957,
 1959
 JOHN REECE ROYER, JR., B.S., 1959
 RICHARD LEE RUBEN, B.S., Illinois In-
 stitute of Technology, 1957; B.S.,
 1959
 PERRY RUDICH, B.S., 1957, 1959
 LESTER BARRY SALANS, A.B., Univer-
 sity of Michigan, 1957; B.S., 1959;
 Honors
 GERALD FRANCIS SAUER, B.S., 1959
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 JOSEPH DAVID SCHMIDT, B.S., 1959;
 Honors
 ROBERT LOVELL SELLERS, A.B., B.S.,
 University of North Dakota, 1938,
 1959
 JULES SHAPIRO, B.S., 1959
 WILLIAM ANTHONY SIMS, A.B.,
 Georgetown University, 1957; B.S.,
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 EMORY JOHN SOBIESK, B.S., 1959
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 GUNTHER WILLIAM SONNENFELD, B.S.,
 1954, 1959
 LESTER FRANK SOYKA, B.S., University
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 LLOYD LAYTON SPENCER, B.S., 1958

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 ROBERT FRANKLIN SWENGEL, A.B., Mil-
 likin University, 1957
 DENNIS PETERS THOMPSON, B.S., 1957,
 1959
 MITCHELL JOSEPH TRUBITT, B.S., 1957,
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 GERRY RONALD TUVESON, B.S., 1959
 VYTAUTAS UZGIRIS, A.B., B.S., 1958,
 1959
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 Augustana College, 1957; B.S., 1959
 HOWARD JEROME WEINBERG, B.S., 1957,
 1959
 ANNA MARIE WIELAND, B.S., 1959
 HOWARD GORDON WILCOX, B.S.,
 Wheaton College, 1957; B.S., 1959
 CHARLES HAMILTON WILLIAMS, Jr.,
 B.S., 1959
 JAMES STUART WOLF, A.B., Grinnell
 College, 1957; B.S., 1959
 JAMES EDWARD ZUCKERMAN, Jr., A.B.,
 Hillsdale College, 1959; B.S., 1959

COLLEGE OF NURSING

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 CHARLOTTE SIGRID ENEBORG
 DIANA LYNNE FOX
 JOANA GECAS
 SUSAN GRADY
 DORIS HALPERIN

IRENE KUMAI
 SHIRLEY ANN MOORE
 THERESA MARY OBRZUT
 ANNE LOUISA PALMER, Honors
 CAROL DIANE RISCHECK
 GEORGETTE CHALOUPKA STRUTZ
 DALIA MARIJA UMBRASAS

COLLEGE OF PHARMACY

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RICHARD EUGENE CARPENTER

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 THOMAS FLOYD BENTON
 RICHARD NOLAN BERMAN
 RICHARD EUGENE BONALDI
 RICHARD JOHN BUDNY
 JOSEPH FRANK BUKOVSKY, Jr.
 JOHN MICHAEL BURNS
 BRUCE G. CALLAHAN
 ALAN ROY CASWELL
 CARL GENE CHATFIELD
 MORTON COHEN
 AUGUSTINE DIANA
 SHELDON DIM
 BARBARA MARIE DUDEK, Honors
 ALAN FRANCIS EDRIIN
 S. ROBERT FELSENBURG
 ALLEN PHILLIP FLOWER
 DALE NORMAN FOSTER
 MARY ELLEN FOSTER, Honors
 MICHAEL HARVEY FRUCHTER
 ERWIN JOSEPH GADZINSKI
 PAUL TOBIAS GOLDMAN
 ARTHUR JEROME GORDON

DONALD ALEXANDER GRANT
 HENRY GREENBERG
 JOSEPH EDWIN HARRILL, Honors
 RONALD GLENN HEDBERG
 FREDERIC CARL HELM
 ARNOLD HARVEY HORWITZ
 BETTY ANN HOY
 ROBERT VALENTINE JASINSKI
 RONALD WILBUR JEANBLANC
 AARON DOEHNER ROLLINS KAGANN
 DANIEL HERBERT KELLUM
 SAMUEL JOSEPH KENNEDY
 LADDIE VALENTINE KOSMAL
 BRUCE KURSELL
 EDWIN LEVIN
 LAWRENCE A. LIPSHITZ
 BERNARD LISITZA
 WALTRAUD MARGARET LUKAS
 WILLIAM S. MANN
 ROGER ALLAN MARLOW
 RICHARD ALLEN MATHIS
 WILLIAM BRYAN MERCER
 HOWARD NORMAN MICHAELS
 JOSEPH MICHAEL MLADINOV, Jr.

BARRETT THOMAS MORAVEC
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 MARILYN ROBERTA NOVAK
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 GREGORY ARTHUR PECHOUS
 RICHARD CASIMIR POTOCKI
 BARBARA MAY PROBECK
 WILLIAM QUINN
 VIDOSAVA LEMAJIC RADOSAVLJEVIC
 ROBERT WILLIAM RAKITAN
 RICHARD STANLEY RAY
 KENNETH NOLAN RIGG
 SALVATORE CHARLES RINELLA
 CHARLES BREUER ROTHSCHILD
 MELVIN SACKS
 NIKETAS NICK SAHLAS

EUGENE ROBERT SALAMON
 JAMES ROBERT SAUDER
 MICHAEL GERALD SCHMIDT
 JAMES HERMAN SCHUETTER
 MICHAEL ALLEN SCHWARTZ
 THEODORE ARTHUR SHAPERO
 WILLIAM GERALD SMITH, JR.
 VICTOR FRANK SMOLEN, Honors
 SEYMOUR STEINBERG
 ROBERT EDWARD TARPEY
 DAVID MARTIN TOBIN
 JERRY WAGNER
 CLEMENT JOSEPH WARZELTA
 ROBERT JOSEPH WIACEK
 ROBERT GRANVILLE WILSON, Honors
 WILLIAM EUGENE WOOD
 RAYMOND EUGENE ZUBROD

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) declinations and resignations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

- ADAMSTONE, FRANK B., Research Professor of Zoology, two months from June 16, 1961, \$2,888; this is in addition to his present appointment (5-16-61).
 AFUSO, CRUSHIN, Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, \$444.44 a month (6-5-61).
 AISO, HIDEO, Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, \$444.44 a month (6-5-61).
 ALMY, GERALD M., Professor of Physics and Associate Head of the Department (C), June 16-June 30, 1961, and August 1-September 15, 1961, \$2,111.11 a month; this is in addition to his present appointment (5-22-61).
 ANDERSON, ANSEL C., Research Associate in Physics (C), three months from June 1, 1961, \$650 a month (6-7-61).
 ANDERSON, JOHN F., Research Assistant in Entomology, two months from June 16, 1961, \$845 (5-16-61).
 APPLEGATE, SHELTON P., Instructor in Biological Sciences (Chicago Undergraduate Division), February 1-June 15, 1961, \$577.78 a month, supersedes (5-22-61).
 ASCARELLI, GIANNI, Research Associate in Physics (C), July 1-September 15, 1961, \$625 a month (5-22-61).
 ASCOLI, GIULIO, Associate Professor of Physics (C), two months from June 16, 1961, \$1,011.11 a month; this is in addition to his present appointment (5-16-61).
 ASTON, KATHARINE O., Instructor in English, Summer Session of 1961, $\frac{1}{2}$ time, June 19-August 12, 1961, \$589 (5-26-61).
 ATKIN, J. MYRON, Associate Professor of Education, $\frac{1}{2}$ time, June 19-August 12, 1961, \$1,139; this is in addition to his Summer Session appointment on $\frac{1}{2}$ time (4-10-61).
 ATWOOD, KIMBALL C., Professor of Microbiology and Head of the Department, two months from June 16, 1961, \$4,000; this is in addition to his present appointment (6-5-61).
 BABB, DANIEL S., Professor of Electrical Engineering (General Engineering) (C), two months from June 16, 1961, \$1,111 a month; this is in addition to his present appointment (6-5-61).
 BADER, ROBERT S., Research Associate Professor of Zoology, June 16-August 31, 1961, \$872.22 a month; this is in addition to his present appointment (5-16-61).

- BAILEY, ALBERT D., Professor of Electrical Engineering (C), two months from June 16, 1961, \$1,222.22 a month; this is in addition to his present appointment (5-22-61).
- BALABAN, MARTIN, Research Associate in Psychiatry (Medicine), May 20-August 31, 1961, \$625 a month, supersedes nonsalaried appointment (5-31-61).
- BALLUFFI, ROBERT W., Professor of Physical Metallurgy (Department of Physics) (C), two months from June 16, 1961, \$1,133.33 a month; this is in addition to his present appointment (5-22-61).
- BASS, ALAN R., Research Assistant in Psychology, two months from June 16, 1961, \$422.22 a month (5-22-61).
- BAUER, LUDWIG, Assistant Professor of Pharmacy-Chemistry (Pharmacy), two months from July 1, 1961, \$955.55 a month; this is in addition to his present appointment (6-6-61).
- BAULD, ROBERT N., JR., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,700 (5-13-61).
- BEBERMAN, MAX, Professor of Education (University High School), June 19-August 12, 1961, \$3,639; this is in addition to his present appointment (5-16-61).
- BECK, PAUL A., Professor of Physical Metallurgy (Mining, Metallurgy, and Petroleum Engineering) (C), two months from June 16, 1961, \$1,600 a month; this is in addition to his present appointment (6-6-61).
- BECKER, RICHARD W., Research Assistant in the Institute of Communications Research, June 19-August 12, 1961, \$422.22 a month (6-5-61).
- BECKER, WESLEY C., Associate Professor of Psychology, two months from June 16, 1961, \$1,777.78; this is in addition to his present appointment (6-5-61).
- BENDEL, ROBERT B., Assistant in Mathematics, Summer Session of 1961, June 19-August 12, 1961, \$845 (5-26-61).
- BENZEL, JAMES F., Research Assistant in Ceramic Engineering (S), three months from June 1, 1961, \$458.33 a month, supersedes (6-6-61).
- BICKFORD, WILLIAM B., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,700 (5-13-61).
- BLAKNEY, SIMMIE S., Assistant in Mathematics, Summer Session of 1961, June 19-August 12, 1961, \$845 (5-26-61).
- BLYTH, COLIN R., Research Professor of Mathematics, $\frac{1}{2}$ time, two months from June 16, 1961, \$1,267; this is in addition to his Summer Session appointment on $\frac{1}{2}$ time (6-5-61).
- BOUC, CHARLES A., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$1,800 (5-13-61).
- BOURGIN, DAVID G., Professor of Mathematics, June 16-August 31, 1961, \$1,722 a month; this is in addition to his present appointment (6-5-61).
- BOWLER, JOHN F., Visiting Lecturer in Education, Summer Session of 1961, June 19-August 12, 1961, \$1,700 (6-6-61).
- BRILEY, BRUCE E., Research Assistant in the Digital Computer Laboratory, June 16-July 15, 1961, and August 1-31, 1961, \$466.66 a month (6-5-61).
- BRISCOE, JOHN W., Professor of Civil Engineering and Associate Head of the Department (C), June 16-July 31, 1961, and August 15-31, 1961, \$1,277.77 a month; this is in addition to his present appointment (6-5-61).
- BROGHAMER, EDWARD L., Professor of Mechanical Engineering (C), $\frac{1}{4}$ time, two months from June 16, 1961, \$275 a month; this is in addition to his present appointment (5-16-61).
- BROWN, FREDERICK C., Associate Professor of Physics (C), June 16-30, 1961, and August 1-September 15, 1961, \$1,177.77 a month; this is in addition to his present appointment (5-16-61).
- BROWNS, HERSCHEL L., Clinical Assistant Professor of Medicine (C), $\frac{3}{10}$ time, four months from May 1, 1961, \$212.50 a month, supersedes (5-31-61).
- BRUCKNER, WALTER H., Professor of Metallurgical Engineering (Mining, Metallurgy, and Petroleum Engineering) (C), two months from June 16, 1961, \$1,111.11 a month; this is in addition to his present appointment (6-6-61).
- BRUST, REINHART A., Research Assistant in Entomology, two months from June 16, 1961, \$422.50 a month (5-16-61).
- BURKHOLDER, DONALD L., Associate Professor of Mathematics, two months from June 16, 1961, \$1,000 a month; this is in addition to his present appointment (6-5-61).

- CAIRNS, STEWART S., Professor of Mathematics, June 16-August 22, 1961, \$3,875; this is in addition to his present appointment (5-8-61).
- CHADWICK, LEIGH E., Professor of Entomology and Head of the Department, two months from June 16, 1961, \$1,722.22 a month; this is in addition to his present appointment (5-16-61).
- CHAO, BSI TSE, Professor of Mechanical Engineering (C), June 16-30, 1961, \$705.55; this is in addition to his present appointment (6-5-61).
- CHOW, VEN TE, Professor of Civil Engineering (C), two months from June 16, 1961, \$1,177.78 a month; this is in addition to his present appointment (5-22-61).
- CHRISTIAN, ROBERT R., Assistant Professor of Education (University High School), May 22-July 17, 1961, \$1,575 (5-16-61).
- CIESIELSKI, ZBIGNIEW, Visiting Research Associate in Mathematics, nine months from September 16, 1961, \$5,000 (5-19-61).
- CLAUSEN, EDWARD M., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1961, \$440 a month (5-22-61).
- COLEMAN, MICHAEL G., Research Assistant in Mining and Metallurgical Engineering (C), June 16-August 31, 1961, \$466.66 a month (6-7-61).
- COLEMAN, PAUL D., Professor of Electrical Engineering (C), two months from June 16, 1961, \$1,388.88 a month; this is in addition to his present appointment (5-22-61).
- CORLISS, JOHN O., Research Associate Professor of Zoology, June 16-August 31, 1961, \$2,666.65; this is in addition to his present appointment (6-5-61).
- COSTIN, FRANK, Counselor in the Student Counseling Service, Summer Session of 1961, $\frac{1}{2}$ time, June 19-August 12, 1961, \$978; this is in addition to his present Summer Session appointment as Associate Professor of Education on $\frac{1}{2}$ time (6-6-61).
- COWLING, KEITH G., Assistant in Farm Management (Agricultural Economics) (S), two months from July 1, 1961, \$977.76 (6-6-61).
- CRAIG, SUSAN E., Theatre Therapist in Speech, Summer Residential Program, Summer Session of 1961, June 19-August 12, 1961, \$400 (5-26-61).
- CRAWFORD, LURA E., Visiting Lecturer in the Graduate School of Library Science, Summer Session of 1961, June 19-August 12, 1961, \$1,800 (5-8-61).
- CROSS, MRS. MARY A., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, \$444.44 a month (6-5-61).
- CUMMINS, RICHARD L., Research Assistant in the Digital Computer Laboratory, two months from July 16, 1961, \$544.44 a month (6-5-61).
- DANIELS, RALPH, Associate Professor of Chemistry (Pharmacy), June 16-August 31, 1961, \$1,100 a month; this is in addition to his present appointment (6-7-61).
- DANNER, ELLIS, Professor of Highway Engineering (Civil Engineering) (C and S), $\frac{3}{4}$ time, June 16-August 31, 1961, \$800 a month, and full time, September 1-15, 1961, \$750; this is in addition to his present appointment (5-22-61).
- DAUGHERTY, SUSAN E., Counselor in Speech, Summer Residential Program, Summer Session of 1961, June 19-August 12, 1961, \$200 (6-6-61).
- DAWN, C. ERNEST, Professor of History, Summer Session of 1961, June 19-August 12, 1961, \$2,267, supersedes previous Summer Session appointment (5-8-61).
- DE MARCO, WILLIAM, Psychologist in Speech, Summer Residential Program, Summer Session of 1961, June 19-August 12, 1961, \$400 (5-26-61).
- DERMEN, DIRAN, Research Assistant in Psychology, two months from June 16, 1961, \$422.22 a month (6-5-61).
- DE ROT, JOHANNA M., Assistant in Physical Medicine and Rehabilitation (Medicine), one year from July 1, 1961, \$4,900 (5-16-61).
- DEWEESE, HAROLD L., Research Associate in Education, June 19-August 12, 1961, \$1,720 (5-31-61).
- DICKMAN, KERN W., Research Associate in the Digital Computer Laboratory, $\frac{1}{2}$ time, two months from June 16, 1961, \$194.44 a month; this is in addition to his present appointment (6-5-61).
- DRICKAMER, HARRY G., Professor of Chemical Engineering (S), two months from June 16, 1961, \$2,055.55 a month; this is in addition to his present appointment (6-5-61).

- DUNCAN, ESTHER, Visiting Lecturer in Summer Session Youth Music, June 17-July 22, 1961, \$700 (6-6-61).
- DUNN, VIRGINIA, Assistant in Occupational Therapy (Medicine), April 24-May 31, 1961, \$441.67 a month (6-7-61).
- DUNNE, WILLIAM J., Assistant Dean of Commerce and Business Administration, full time, and Assistant Professor of Economics (Chicago Undergraduate Division), January 1-August 31, 1961, \$11,000 a year, supersedes (5-8-61).
- DYAS, EDWIN W., Visiting Lecturer in Education, Summer Session of 1961, June 19-August 12, 1961, \$1,700 (5-22-61).
- ECKEL, EARL J., Professor of Metallurgical Engineering (C), two months from June 16, 1961, \$2,311.10; this is in addition to his present appointment (6-5-61).
- ELLISON, FRED P., Associate Professor of Spanish, Summer Session of 1961, $\frac{1}{2}$ time, June 19-August 12, 1961, \$945, supersedes previous Summer Session appointment (6-6-61).
- ERICKSON, JOHN R., Clinical Instructor in Medicine (Medicine), three months from June 1, 1961, without salary (5-22-61).
- ERIKSEN, CHARLES W., Professor of Psychology, two months from July 16, 1961, \$2,288.89; this is in addition to his present appointment (5-31-61).
- EWEN, ROBERT B., Research Assistant in Psychology, two months from June 16, 1961, \$422.22 a month (5-16-61).
- EWING, BEN B., Associate Professor of Civil Engineering (C), one month from June 16, 1961, \$1,000; this is in addition to his present appointment (5-22-61).
- FAIMAN, MICHAEL, Research Assistant in the Digital Computer Laboratory, June 1-August 15, 1961, \$544.44 a month (6-7-61).
- FLENNER, MRS. JACQUELINE W., Research Assistant in the Digital Computer Laboratory, two months from July 16, 1961, \$444.44 a month (6-5-61).
- FLORES, JOSEPH S., Associate Professor of Spanish, Summer Session of 1961, $\frac{1}{2}$ time, June 19-August 12, 1961, \$1,045, supersedes previous Summer Session appointment (6-6-61).
- FOSDICK, LLOYD D., Research Assistant Professor of Physics, Digital Computer Laboratory, two months from June 16, 1961, \$1,000 a month; this is in addition to his present appointment (6-5-61).
- FOSTER, DONALD L., Catalog Assistant in the Library, three months from June 1, 1961, \$433.33 a month, supersedes (5-16-61).
- FRAIL, CATHERINE, Counseling Assistant in the Student Counseling Service (Provost's Office), June 19-August 12, 1961, \$845 (6-5-61).
- FREEDMAN, MORRIS D., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, \$444.44 a month (6-5-61).
- FRIEDERICH, ALLAN G., Associate Professor of Civil Engineering (C), two months from June 16, 1961, \$833.33 a month; this is in addition to his appointment as Associate Professor of Mechanical Engineering (5-22-61).
- FULTON, ROBERT E., Assistant Professor of Civil Engineering, Summer Session of 1961, $\frac{1}{4}$ time, June 19-August 12, 1961, \$362 (6-1-61).
- GALLAGHER, JAMES J., Professor in the Institute for Research on Exceptional Children and Professor of Education, June 19-August 12, 1961, \$2,289; this is in addition to his present appointment (5-19-61).
- GANGULY, ASHOK S., Assistant in Food Technology (S), four months from May 1, 1961, \$400 a month, supersedes (5-22-61).
- GAZDA, GEORGE M., Research Assistant Professor of Education, June 19-August 12, 1961, \$1,600; this is in addition to his present appointment (5-19-61).
- GELDARD, MRS. WINIFRED, Instructor in Economics (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$1,334 (5-16-61).
- GILBERT, NORMAN S., Assistant in Education, June 19-August 12, 1961, \$1,112 (5-19-61).
- GILLIES, DONALD B., Research Associate Professor of Applied Mathematics (Digital Computer Laboratory), $\frac{1}{2}$ time, two months from June 16, 1961, \$1,020; this is in addition to his present appointment (6-5-61).
- GINSBERG, DONALD M., Assistant Professor of Physics (C), one month from June 16, 1961, \$800; this is in addition to his present appointment (5-16-61).
- GOLDWASSER, EDWIN L., Professor of Physics (C), July 15-31, 1961, and September 1-15, 1961, \$1,166.66 a month; this is in addition to his present appointment (6-5-61).

- GOMOLL, ALLEN W., Instructor in Pharmacology (Medicine), two months from July 1, 1961, \$650 a month (6-7-61).
- GOODRICH, HERBERT, Instructor in English, Summer Session of 1961, June 19-August 12, 1961, \$623 (5-25-61).
- GORDON, EDWARD E., Clinical Associate Professor of Physical Medicine and Rehabilitation (Medicine), $\frac{1}{2}$ time, indefinite tenure from June 1, 1961, \$2,308 a year, supersedes (6-6-61).
- GROVE, WILLIAM J., Associate Professor of Surgery, indefinite tenure, and Associate Dean of the College of Medicine, two months, beginning July 1, 1961, \$1,583.33 a month, supersedes (5-8-61).
- GUCKEL, HENRY, Research Assistant in the Digital Computer Laboratory, June 16-August 31, 1961, \$488.88 a month (6-7-61).
- GUSS, CYRUS O., Visiting Lecturer in Chemistry, Summer Session of 1961, June 19-August 12, 1961, \$2,050 (5-26-61).
- GUTHRIE, FRANK A., Visiting Lecturer in Chemistry, Summer Session of 1961, June 24-September 9, 1961, \$2,667 (5-26-61).
- HADJIOANNOU, THEMISTOCLES, Research Associate in Chemistry, May 1-August 15, 1961, \$500 a month, supersedes (5-31-61).
- HAGER, LOWELL P., Research Assistant Professor of Chemistry, two months from June 16, 1961, \$2,000; this is in addition to his present appointment (6-5-61).
- HAKE, HAROLD W., Professor of Psychology, one month from August 16, 1961, \$1,133.33; this is in addition to his present appointment (6-5-61).
- HAKIMI, SEIFOLLAH L., Assistant Professor of Electrical Engineering (C), two months from June 16, 1961, \$877.77 a month; this is in addition to his present appointment (5-22-61).
- HALE, JONATHAN T., Counselor in Speech, Summer Residential Program, Summer Session of 1961, June 19-August 12, 1961, \$150 (6-6-61).
- HALE, WILLIAM T., Assistant in Education (University High School), two months from June 19, 1961, \$1,800 (5-16-61).
- HALL, B. VINCENT, Research Professor of Zoology, two months from June 16, 1961, \$2,333.34; this is in addition to his present appointment (6-5-61).
- HALL, BENJAMIN D., Research Assistant Professor of Chemistry, two months from June 16, 1961, \$1,600; this is in addition to his present appointment (6-5-61).
- HALL, WILLIAM J., Professor of Civil Engineering, in the Summer Session of 1961, $\frac{1}{2}$ time, June 19-August 12, 1961, \$1,178, supersedes previous Summer Session appointment (6-1-61); and in the College of Engineering, $\frac{1}{2}$ time, two months from June 16, 1961, \$588.89 a month; this is in addition to his present appointment (5-22-61).
- HALTIWANGER, JOHN D., Professor of Civil Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1961, \$561.11 a month; this is in addition to his present appointment (5-22-61); and in the Summer Session of 1961, $\frac{1}{2}$ time, June 19-August 12, 1961, \$1,123 for the period (6-1-61).
- HARTLEY, THOMAS C., Associate Professor of General Engineering (C), two months from June 16, 1961, \$2,111.10; this is in addition to his present appointment (6-5-61).
- HANSON, ALFRED O., Professor of Physics (C), June 16-July 31, 1961, \$1,500 a month; this is in addition to his present appointment (5-16-61).
- HART, MRS. ALICE G., Assistant Professor of Mathematics (University High School), June 19-August 12, 1961, \$1,556; this is in addition to her present appointment (5-8-61).
- HARTLEY, ARNOLD M., Research Assistant Professor of Chemistry, two months from June 16, 1961, \$1,623; this is in addition to his present appointment (6-5-61).
- HARTLEY, THOMAS C., Associate Professor of General Engineering (C), two months from June 16, 1961, \$844; this is in addition to his Summer Session appointment on $\frac{1}{2}$ time (5-22-61).
- HAYDEN, EDGAR C., Associate Professor of Electrical Engineering (C), two months from June 16, 1961, \$1,166.67 a month; this is in addition to his present appointment (5-22-61).
- HEATH, EDWARD H., Counselor in the Student Counseling Service, Summer Session of 1961, $\frac{1}{2}$ time, June 19-August 12, 1961, \$634 (6-6-61).

- HEDGES, ROBERT A., Associate Professor of Finance, $\frac{2}{3}$ time, June 16-30, 1961, \$429.62, and $\frac{1}{3}$ time, July 1-31, 1961, \$214.81; this is in addition to his present appointment (6-5-61).
- HELLER, ALEX, Professor of Mathematics, June 16-August 31, 1961, \$2,695; this is in addition to his present appointment (6-5-61).
- HENDRICKS, CHARLES D., JR., Associate Professor of Electrical Engineering (C), two months from June 16, 1961, \$1,055.55 a month; this is in addition to his present appointment (5-22-61).
- HENRY, JOHN A., Counselor in the Student Counseling Service (Provost's Office), June 19-August 12, 1961, \$2,224; this is in addition to his present appointment (6-5-61).
- HERBIN, MORELAND, Associate Professor of Civil Engineering (C), $\frac{1}{4}$ time, June 16-August 15, 1961, \$500 a month; this is in addition to his Summer Session appointment on $\frac{1}{2}$ time (5-22-61).
- HILL, JEAN, Assistant to the Dean of Women, one month from August 1, 1961, \$400; for the convenience of the University, she will also be furnished room and board valued at \$31 a month (6-5-61).
- HILL, ROGER G., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1961, 83/100 time, June 23-August 18, 1961, \$1,167 (5-22-61).
- HERSCH, JERRY, Associate Professor of Psychology, two months from July 1, 1961, \$944.44 a month (5-8-61).
- HONGMAN, DONALD R., Research Associate Professor of Economics, two months from June 16, 1961, \$2,222.22; this is in addition to his present appointment (6-5-61).
- HOFFMAN, JARETT D., Assistant in Veterinary Pathology and Hygiene (Veterinary Medicine), four months from May 1, 1961, \$387.50 a month (5-8-61).
- HOFHAS, ELIZABETH A., Acquisition Assistant in the Library, June 26-August 31, 1961, \$433.33 a month, supersedes (5-31-61).
- HOLLON, GEORGE W., Associate Professor of Civil Engineering (C), two months from June 16, 1961, \$888.89 a month; this is in addition to his present appointment (5-22-61).
- HOPKINS, EDWARD L., Instructor in the Bureau of Community Planning and in the Department of City Planning and Landscape Architecture, April 20, 1961-August 31, 1962, \$8,150 a year (5-31-61).
- HORNBYK, KARL, Research Assistant in Physics (C), two months from June 16, 1961, \$444 a month (6-7-61).
- HSIEH, HSIEN-FENG, Serials Assistant in the Library, June 28-August 31, 1961, \$433.33 a month (5-31-61).
- HUANG, EUGENE Y., Associate Professor of Civil Engineering (C), two months from June 16, 1961, \$866.67 a month; this is in addition to his present appointment (5-22-61).
- HUGHES, PHILLIP W., Visiting Instructor in the Bureau of Educational Research, one year from September 1, 1961, \$7,800 (5-8-61).
- HULSIZER, ROBERT I., JR., Professor of Physics (Digital Computer Laboratory), June 16-July 15, 1961, and August 16-September 15, 1961, \$1,400 a month; this is in addition to his present appointment (6-5-61).
- HUMMEL, JOHN P., Assistant Professor of Physics (C), two months from June 16, 1961, \$888.88 a month; this is in addition to his present appointment (5-16-61).
- HUMPHREYS, LLOYD G., Professor of Psychology and Head of the Department, two months from June 16, 1961, \$3,333.34; this is in addition to his present appointment (6-5-61).
- HUNT, J. MCVITTIE, Professor of Psychology, two months from June 16, 1961, \$3,222.22; this is in addition to his present appointment (6-5-61).
- INGLE, LESTER, Research Professor of Zoology, two months from June 16, 1961, \$1,111.11 a month; this is in addition to his present appointment (5-16-61).
- JACKSON, J. DAVID, Professor of Physics (C), June 16-July 31, 1961, and September 1-15, 1961, \$1,422.22 a month; this is in addition to his present appointment (5-22-61).
- JAGER, MRS. VIRGINIA, Research Assistant in Chemistry, three months from June 1, 1961, \$392.50 a month (5-8-61).

- JERSILD, RALPH A., Research Assistant in Zoology, two months from June 16, 1961, \$422.22 a month (5-16-61).
- JOHNSON, CHARLES E., Associate Professor of Education, $\frac{1}{2}$ time, June 19-August 12, 1961, \$989; this is in addition to his Summer Session appointment on $\frac{1}{2}$ time (4-10-61).
- JOHNSON, WILLIAM H., Associate Professor of Animal Science (S), two months from July 1, 1961, \$877.77 a month; this is in addition to his present appointment (6-5-61).
- JUVET, RICHARD S., JR., Research Assistant Professor of Chemistry, two months from June 16, 1961, \$1,634; this is in addition to his present appointment (5-22-61).
- KAY, JACK G., Instructor in Chemistry, one month from June 16, 1961, \$700; this is in addition to his present appointment (6-5-61).
- KEEN, MARIA, Instructor in English, Summer Session of 1961, June 19-August 12, 1961, \$1,045 (5-26-61).
- KELLS, HERBERT R., JR., Research Associate in Dairy Science (S), four months from May 1, 1961, \$520.83 a month (5-16-61).
- KENDEIGH, S. CHARLES, Research Professor of Zoology, two months from June 16, 1961, \$1,444 a month; this is in addition to his present appointment (5-16-61).
- KENNEDY, JOHN P., Commerce and Sociology Library Assistant in the Library, with rank of Instructor, two months from July 1, 1961, \$508.33 a month, supersedes (5-31-61).
- KESLER, CLYDE E., Professor of Theoretical and Applied Mechanics (C), $\frac{1}{4}$ time, two months from June 16, 1961, \$874.99 a month; this is in addition to his Summer Session appointment on $\frac{1}{4}$ time (6-5-61).
- KIEN, GERALD A., Assistant Professor of Pharmacology (Medicine), two months from July 1, 1961, \$944.45 a month; this is in addition to his present appointment (5-31-61).
- KLASSEN, PETER P., Professor of Sociology, in the Division of Social Sciences (Chicago Undergraduate Division), two months from June 16, 1961, \$2,222.22; this is in addition to his present appointment (5-8-61).
- KNAPP, ALPHIA E., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{4}$ time, academic year beginning September 1, 1961, \$2,700 (5-13-61).
- KRIECKHAUS, EDWARD E., Research Assistant in Electrical Engineering (S), four months from May 1, 1961, \$437.50 a month, supersedes (5-8-61).
- KRUIDENIER, FRANCIS J., Research Associate Professor of Zoology, two months from June 16, 1961, \$1,005.55 a month; this is in addition to his present appointment (5-16-61).
- KRUSE, ULRICH E., Associate Professor of Physics (C), one month from July 16, 1961, \$1,000; this is in addition to his present appointment (5-22-61).
- LADLEY, MRS. WINIFRED, Associate Professor of Library Science, indefinite tenure beginning September 1, 1961, to render service during each academic year, \$8,800 a year (4-27-61).
- LAITINEN, HERBERT A., Research Associate Professor of Chemistry, $\frac{1}{4}$ time, two months from June 16, 1961, \$973; this is in addition to his present appointment (6-5-61).
- LARSON, BERT O., Professor of General Engineering (C), $\frac{1}{4}$ time, June 16-July 31, 1961, \$1,155.34 a month; this is in addition to his present appointment (5-8-61).
- LATHROPE, DONALD E., Associate Professor of Rural Sociology (Agricultural Economics) (C), $\frac{1}{2}$ time, two months from June 16, 1961, \$561.11 a month; this is in addition to his present appointment (5-16-61).
- LAVATELLI, LEO S., Professor of Physics (C), June 16-July 21, 1961, \$1,111.11 a month; this is in addition to his present appointment (5-22-61).
- LAZARUS, DAVID, Professor of Physics (C), June 15-July 31, 1961, and September 1-15, 1961, \$1,177.77 a month; this is in addition to his present appointment (5-16-61).
- LEICHER, GENE H., Assistant Professor of Electrical Engineering (Digital Computer Laboratory), $\frac{1}{4}$ time, two months from June 16, 1961, \$244.45 a month; this is in addition to his present appointment (6-5-61).
- LEONHARD, ZELMA B., Assistant Professor of English (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$1,556 (5-8-61).

- LIU, CHAO-NING, Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, \$511.11 a month (6-5-61).
- LOW, LEONE Y., Instructor in Mathematics, two months from June 16, 1961, \$667 a month; this is in addition to his present appointment (6-5-61).
- LU, WEI-JUNE, Research Assistant in Horticulture (S), one year from September 1, 1961, \$5,600 (5-16-61).
- MACHINE, XENIA, Assistant Professor of Pharmacology (Medicine), two months from July 1, 1961, \$944.45 a month; this is in addition to her present appointment (5-31-61).
- MADISON, EUGENE, Assistant in Mathematics, Summer Session of 1961, June 19-August 12, 1961, \$845 (5-26-61).
- MANGALO, RAYMOND, Research Associate in Microbiology, 82/100 time, one year from September 1, 1960, \$4,500, supersedes his previous appointment and is in addition to his Postdoctoral Fellowship-Traineeship in Microbiology on 18/100 time (5-16-61).
- MARKLE, DONALD M., Supervisor of Clinicians, Department of Speech Summer Residential Program, Summer Session of 1961, June 19-August 12, 1961, \$1,600 (5-26-61).
- MARSTON, HOWARD, Visiting Assistant Professor of Education (University High School), June 19-August 12, 1961, \$2,000 (5-8-61).
- MARTIN, DEAN F., Instructor in Chemistry, two months from June 16, 1961, \$1,422.22; this is in addition to his present appointment (6-5-61).
- MARTIN, GORDON E., Assistant Professor of General Engineering (C), $\frac{3}{4}$ time, June 16-July 31, 1961, \$833.34 a month; this is in addition to his present appointment (5-8-61).
- MASON, ROBERT M., Counselor in Speech, Summer Residential Program, Summer Session of 1961, June 19-August 12, 1961, \$200 (5-26-61).
- MAURER, ROBERT J., Professor of Physics (C), two months from June 16, 1961, \$1,711.11 a month; this is in addition to his present appointment (5-16-61).
- MAY, WILLIAM H., Research Assistant in the Institute of Communications Research, June 15-August 31, 1961, \$400 a month, supersedes (6-5-61).
- MCCORMICK, BRUCE H., Research Associate Professor of Physics (Digital Computer Laboratory), two months from June 16, 1961, \$1,111.11 a month; this is in addition to his present appointment (6-5-61).
- MCGARVEY, BRUCE R., Visiting Lecturer in Chemistry, Summer Session of 1961, June 19-August 12, 1961, \$2,200 (5-22-61).
- McVITTIE, GEORGE C., Professor of Astronomy, two months from June 16, 1961, \$1,888.88 a month; this is in addition to his present appointment (5-22-61).
- MEEK, JUDITH A., Counselor in Speech, Summer Residential Program, Summer Session of 1961, June 19-August 12, 1961, \$150 (5-25-61).
- MERRITT, J. LEVERING, Associate Professor of Civil Engineering (C), two months from June 16, 1961, \$911.11 a month; this is in addition to his regular appointment (5-22-61).
- METROPOLE, SONIA K., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,700 (5-13-61).
- MIKAMI, KOICHI, Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, \$444.44 a month (6-5-61).
- MIRON, MURRAY S., Research Assistant Professor in the Institute of Communications Research, June 19-August 12, 1961, \$750 a month; this is in addition to his present appointment (6-5-61).
- MODI, VINOD V., Research Associate in Animal Science (S), May 1, 1961-April 14, 1962, \$6,000 a year, supersedes (5-11-61).
- MORROW, JO DEAN, Associate Professor of Theoretical and Applied Mechanics (C), two months from July 16, 1961, \$933.33 a month; this is in addition to his present appointment (6-5-61).
- MUNSE, WILLIAM H., Professor of Civil Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1961, \$722.22 a month; this is in addition to his Summer Session appointment on $\frac{1}{2}$ time (5-22-61).
- MURRELL, THOMAS A., Associate Professor of Electrical Engineering (Digital Computer Laboratory), June 16-July 31, 1961, and September 1-15, 1961, \$1,022.22 a month; this is in addition to his present appointment (6-5-61).

- NANNEY, DAVID L., Research Professor of Zoology, two months from June 16, 1961, \$1,388.88 a month; this is in addition to his present appointment (5-16-61).
- NEUSTADT, JEROME E., Clinical Instructor in Medicine (Medicine), four months from May 1, 1961, without salary (5-16-61).
- NIMS, JOHN F., Visiting Writer in Residence (English), academic year beginning September 1, 1961, \$13,500 (4-28-61).
- NINOMIYA, TOSHIYUKI, Research Associate, Department of Mining and Metallurgical Engineering and Department of Physics (C), one year from September 1, 1961, \$7,200 (5-8-61).
- NISHIJIMA, KAZUHIKO, Professor of Physics (C), two months from July 16, 1961, \$1,422.22 a month; this is in addition to his present appointment (5-22-61).
- NISONOFF, ALFRED, Associate Professor of Microbiology, two months from June 16, 1961, \$1,333 a month; this is in addition to his present appointment (5-8-61).
- NTAILIANAS, HARILAOS A., Research Associate in Food Technology (S), May 15-August 31, 1961, \$458.33 a month, supersedes (6-5-61).
- OHlsen, MERLE M., Professor of Education, $\frac{1}{2}$ time, June 19-August 12, 1961, \$1,300; this is in addition to his Summer Session appointment on $\frac{1}{2}$ time (4-11-61).
- PEEK, LEVIN J., JR., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, \$444.44 a month (6-5-61).
- PEERY, BENJAMIN F., JR., Visiting Lecturer in Astronomy, June 19-August 12, 1961, \$2,000 (5-16-61).
- PENROD, DARRELL D., Research Associate in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,700 (5-8-61).
- PERRY, MARLA J. P., Assistant in Physical Education for Women (Chicago Undergraduate Division), nine months from September 16, 1961, \$4,600 (5-8-61).
- PESSA, ARNE T., Research Assistant in Physiology, February 1-June 15, 1961, \$422.22 a month, supersedes (5-8-61); and two months from June 16, 1961, \$422.22 a month (5-22-61).
- PETERSON, RUTH F., Visiting Lecturer in Summer Session Youth Music, June 17-July 22, 1961, \$472 (6-6-61).
- PLACEK, RONALD J., Instructor in General Engineering (C), two months from June 16, 1961, \$622.50 a month; this is in addition to his present appointment (5-8-61).
- QUINN, JOHN A., Assistant Professor of Chemical Engineering (S), $\frac{1}{2}$ time, two months from June 16, 1961, \$417 a month; this is in addition to his Summer Session appointment on $\frac{1}{2}$ time (6-5-61).
- RABDATZ, ANNE C., Visiting Lecturer in Education, Summer Session of 1961, June 19-August 12, 1961, \$1,200 (5-16-61).
- RAUSCH, GEORGE J., JR., Acquisition Assistant in the Library, June 19-August 31, 1961, \$433.33 a month (5-29-61).
- RAVENHALL, DAVID G., Associate Professor of Physics (C), two months from June 16, 1961, \$1,022.22 a month; this is in addition to his present appointment (5-22-61).
- REDDY, THOMAS B., Research Associate in Chemistry, two months from July 1, 1961, \$500 a month (5-16-61).
- REINER, IRVING, Professor of Mathematics, June 16-August 31, 1961, \$1,555.55 a month; this is in addition to his present appointment (6-5-61).
- RESH, MRS. JACQUELINE, Assistant in Education (University High School), June 19-August 12, 1961, \$888.88 (5-16-61).
- ROBERTS, DONALD M., Assistant Professor of Mathematics, two months from June 16, 1961, \$778 a month; this is in addition to his present appointment (6-5-61).
- ROBINSON, ARTHUR R., Associate Professor of Civil Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1961, \$500 a month; this is in addition to his present appointment (5-22-61).
- RODWAN, ALBERT S., Research Assistant in Psychology, two months from July 1, 1961, \$422.22 a month (6-5-61).

- ROGERS, WILLIAM E., JR., Research Associate in Animal Science (S), June 1, 1961-August 31, 1962, \$6,000 a year (5-19-61).
- ROTUNDO, MARTIN A., Recreation Director in the Department of Speech Summer Residential Program, Summer Session of 1961, June 19-August 12, 1961, \$175 (5-26-61).
- SARGENT, FREDERICK, II, Professor of Physiology, two months from June 16, 1961, \$1,044.44 a month; this is in addition to his present appointment (5-16-61).
- SCARAMELLA, LOUIS F., Clinical Instructor in Otolaryngology (Medicine), one year from September 1, 1960, without salary (5-8-61).
- SCHOEERLE, DANIEL F., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,700 (5-13-61).
- SEITZ, FREDERICK, Professor of Physics and Head of the Department (C), two months from June 16, 1961, \$2,333.33 a month; this is in addition to his present appointment (5-16-61).
- SHARPE, BARBARA J., Assistant in Occupational Therapy (Medicine), June 5-August 31, 1961, \$441.67 a month (6-7-61).
- SEERE, MARIE O., Assistant Professor of Speech and Theatre, Summer Session of 1961, $\frac{1}{2}$ time, June 19-August 12, 1961, \$728 (5-26-61).
- SIDEBOTTOM, OMAR M., Professor of Theoretical and Applied Mechanics (C), $\frac{3}{4}$ time, two months from June 16, 1961, \$874.99 a month; this is in addition to his Summer Session appointment on $\frac{1}{4}$ time (6-5-61).
- SIEGFRIED, ROBERT, Associate Professor of Chemistry (Division of General Studies), June 19-August 12, 1961, \$1,778; this is in addition to his present appointment (6-5-61).
- SIMMONS, RALPH O., Assistant Professor of Physics (C), two months from June 16, 1961, \$855.55 a month; this is in addition to his present appointment (5-16-61).
- SINNAMON, GEORGE K., Associate Professor of Civil Engineering (C), two months from June 16, 1961, \$977.78 a month; this is in addition to his present appointment (5-22-61).
- SIRKIS, MURRAY D., Associate Professor of Electrical Engineering (C), two months from June 16, 1961, \$1,111.11 a month; this is in addition to his present appointment (5-22-61).
- SKRUPSKELIS, VIKTORIA, Assistant in French, May 11-June 15, 1961, \$492.67 a month, supersedes (6-5-61).
- SLICHTER, CHARLES P., Professor of Physics (C), two months from June 16, 1961, \$1,666.66 a month; this is in addition to his present appointment (5-16-61).
- SMITH, JAMES H., Associate Professor of Physics (C), two months from June 16, 1961, \$1,044.44 a month; this is in addition to his present appointment (5-22-61).
- SORG, DAVID A., Clinical Assistant in Medicine (Medicine), July 1, 1960-August 31, 1961, without salary (5-22-61).
- SOZEN, METE A., Associate Professor of Civil Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1961, \$472.22 a month; this is in addition to his Summer Session appointment on $\frac{1}{2}$ time (5-22-61).
- STEINER, IVAN D., Associate Professor of Psychology (Liberal Arts and Sciences), $\frac{3}{4}$ time, \$791.67 a month, and Research Associate Professor of Psychology (Graduate College), $\frac{1}{4}$ time, \$263.89 a month, two months from June 16, 1961; this is in addition to his present appointment (6-5-61).
- STERNBURG, JAMES G., Associate Professor of Entomology, two months from June 16, 1961, \$1,822.22; this is in addition to his present appointment (5-16-61).
- STINER, BERNARD H., Visiting Lecturer, Summer Session Youth Music Program, June 18-July 22, 1961, \$550 (5-26-61).
- STOEVENER, HERBERT H., Assistant in Land Economics (Agricultural Economics) (S), two months from July 1, 1961, \$977.76 (6-5-61).
- STONE, ALEXANDER P., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, \$444.44 a month (6-5-61).
- STROUT, ROSS P., Associate Professor of Mechanical Engineering, Summer Session of 1961, June 19-August 12, 1961, \$1,778, supersedes (6-1-61).

- SUCHMAN, J. RICHARD, Associate Professor of Education, June 19-August 12, 1961, \$1,845, supersedes; this is in addition to his present appointment (5-26-61).
- SWARTWOUT, ROBERT E., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, \$800 a month (6-5-61).
- SWENSON, GEORGE, Professor of Electrical Engineering (C) and of Astronomy, two months from June 16, 1961, \$1,333.33 a month; this is in addition to his present appointment (5-22-61).
- SYED, AMNA K., Instructor in Education, Summer Session of 1961, June 19-August 12, 1961, \$918 (5-26-61).
- TAYLOR, AUBREY B., Professor of Physiology, two months from June 16, 1961, \$1,105.55 a month; this is in addition to his present appointment (5-16-61).
- THOMSON, ROBB M., Professor of Physical Metallurgy (C), July 20-September 15, 1961, \$1,011.11 a month; this is in addition to his present appointment (6-6-61).
- THORNBURN, THOMAS H., Professor of Civil Engineering (C), two months from June 16, 1961, \$1,244.44 a month; this is in addition to his present appointment (5-22-61).
- TUCKER, LEDYARD R., Professor of Psychology, $\frac{1}{2}$ time, two months from June 16, 1961, \$1,556; this is in addition to his Summer Session appointment on $\frac{1}{2}$ time (5-16-61).
- UNDERWOOD, ROBERT, Associate Professor of Prosthodontics and of Postgraduate Education (Dentistry), $\frac{3}{4}$ time, on indefinite tenure beginning May 1, 1961, \$6,300 a year, supersedes (5-16-61).
- VAUGHAN, HERBERT E., Professor of Mathematics (University High School), June 19-August 12, 1961, \$2,667; this is in addition to his present appointment (5-8-61).
- WAHL, FLOYD M., Research Assistant Professor of Geology, June 19-August 12, 1961, \$1,467; this is in addition to his present appointment (5-8-61).
- WALES, HUGH G., Professor of Marketing, Summer Session of 1961, $\frac{1}{2}$ time, June 19-August 12, 1961, \$2,080, supersedes (5-26-61).
- WALKER, MARLENE K., Assistant in English, Summer Session of 1961, June 19-August 12, 1961, \$912 (5-26-61).
- WANG, FUN-DEN, Research Assistant in Mining and Metallurgical Engineering, two months from June 16, 1961, \$444.44 a month (5-16-61).
- WEBB, HAROLD D., Professor of Electrical Engineering (C), two months from June 16, 1961, \$1,155.54 a month; this is in addition to his present appointment (5-22-61).
- WELLS, MRS. CATHERINE N., Head Resident, Taft and Van Doren Halls, two months from July 1, 1961, \$420 a month; for the convenience of the University she will also receive an apartment and meals while the dining rooms are in operation valued at \$31 a month (6-5-61).
- WERT, CHARLES A., Professor of Physical Metallurgy, $\frac{1}{2}$ time, and of Theoretical and Applied Mechanics, $\frac{1}{2}$ time, two months from June 16, 1961, \$1,444.44 a month; this is in addition to his present appointment (6-5-61).
- WHEATLEY, JOHN C., Associate Professor of Physics (C), two months from June 16, 1961, \$1,111.11 a month; this is in addition to his present appointment (5-16-61).
- WHITE, PAUL O., Research Assistant in Psychology, one month from June 16, 1961, \$211.11 (6-5-61).
- WIJSMAN, ROBERT A., Associate Professor of Mathematics, two months from June 16, 1961, \$1,000 a month; this is in addition to his present appointment (6-5-61).
- WILF, MRS. RUTH T., Research Associate in Chemistry, $\frac{1}{2}$ time, April 17-August 31, 1961, \$229.18 a month (5-22-61).
- WILMOT, CANDACE R., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, \$444.44 a month (6-5-61).
- WILSON, JOHN D., Research Assistant in Physiology, two months from June 16, 1961, \$422.22 a month (6-5-61).
- WOLD, FINN, Research Assistant Professor of Chemistry, two months from June 1, 1961, \$889 a month; this is in addition to his present appointment (5-16-61).
- WYMAN, MARVIN E., Professor of Physics and of Nuclear Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1961, \$1,523; this is in addition to his Summer Session appointment on $\frac{1}{2}$ time (3-28-61).

- YAZAKI, HIDEYUKI, Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, \$444.44 a month (6-5-61).
 ZIMMERMAN, MRS. MARIE, Counseling Assistant in the Student Counseling Service, Summer Session of 1961, June 19-August 12, 1961, \$1,000 (6-6-61).
 ZIFFRODT, MARILYN, Language Therapist in Speech Summer Residential Program, Summer Session of 1961, June 19-August 12, 1961, \$400 (6-6-61).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- ABE, CAROL S., National Science Foundation Institute Fellow in Mathematics, August 15-31, 1961, \$150, and September 1, 1961-June 15, 1962, \$3,000 (5-18-61).
 AYEN, RICHARD J., National Science Foundation Cooperative Fellow in Chemical Engineering, one year from September 1, 1961, \$2,200 (4-26-61).
 BAKER, ROBERT J., Edward Orton, Jr., Ceramic Foundation Teaching Fellow in Ceramic Engineering, nine months from September 16, 1961, \$1,600 (5-8-61).
 BAUMAN, STEVEN F., National Science Foundation Summer Fellow in Mathematics, June 16-September 8, 1961, \$900 (4-26-61).
 BEDESEM, WILLIAM B., Esso Research and Engineering Company Fellow in Civil Engineering, nine months from September 16, 1960, \$2,100, supersedes (5-26-61).
 BOLDING, JAMES T., JR., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$150, and September 1, 1961-June 15, 1962, \$3,000 (5-18-61).
 BRIESKE, GEORGE H., Summer Fellow in Accountancy, two months from June 16, 1961, \$350 (4-18-61).
 BROSAHLER, GUNNAR A., Fellow in Mathematics, nine months from September 16, 1961, \$1,650 (4-1-61).
 BROWN, FRED A., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$270, and September 1, 1961-June 15, 1962, \$4,800 (5-18-61).
 BUEHL, WALTER M., National Science Foundation Cooperative Fellow in Chemical Engineering, one year from June 16, 1961, \$2,200 (4-26-61).
 CHU, EDWARD, National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$150, and September 1, 1961-June 15, 1962, \$3,000 (5-18-61).
 CRAIG, RICHARD A., National Science Foundation Cooperative Fellow in Physics, one year from June 16, 1961, \$2,200 (4-26-61).
 CRECH, ROGER L., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, \$3,975, supersedes, and two months from June 16, 1961, \$960, supersedes (5-15-61).
 CRILEY, BRUCE B., National Science Foundation Summer Fellow in Zoology, June 16-September 8, 1961, \$900 (4-26-61).
 DAIGH, CHARLES F., Fellow in German, nine months from September 16, 1961, \$2,000 (4-1-61).
 DARLAND, WILLIAM W., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$270, and September 1, 1961-June 15, 1962, \$4,800 (5-18-61).
 DAYTON, JAMES A., JR., National Science Foundation Summer Fellow in Electrical Engineering, June 16-September 8, 1961, \$900 (5-18-61).
 DONOGHUE, JOHN T., National Science Foundation Summer Fellow in Chemistry, June 16-September 8, 1961, \$900 (4-26-61).
 DREYFUSS, MARTIN J., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$240, and September 1, 1961-June 15, 1962, \$4,350 (5-18-61).
 ERNSTING, MRS. MARY E., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$210, and September 1, 1961-June 15, 1962, \$3,900 (5-18-61).
 FERNELIUS, NILS C., National Science Foundation Cooperative Fellow in Physics, one year from September 1, 1961, \$2,200 (4-26-61).

- FISHER, FARLEY, National Science Foundation Summer Fellow in Chemistry, June 16-August 25, 1961, \$750; and National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1961, \$2,200 (4-26-61).
- FLOREY, FRANCIS G., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$240, and September 1, 1961-June 15, 1962, \$4,350 (5-18-61).
- FOISY, HECTOR B., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$240, and September 1, 1961-June 15, 1962, \$4,350 (5-18-61).
- FORSCHREY, KLANE F., Sun Oil Company Fellow in Chemical Engineering, nine months from September 16, 1961, \$1,800, supersedes (5-5-61).
- FOSTER, ALAN G., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$150, and September 1, 1961-June 15, 1962, \$3,000 (5-18-61).
- FRAZER, W. DONALD, International Business Machines Fellow in the Digital Computer Laboratory, nine months from September 16, 1961, \$1,800, supersedes (5-3-61).
- GIBSON, RAYMOND D., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$270, and September 1, 1961-June 15, 1962, \$4,800 (5-18-61).
- GRATER, HOWARD M., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$240, and September 1, 1961-June 15, 1962, \$4,350 (5-18-61).
- GREENBERG, CHARLES B., Edward Orton, Jr. Fellow in Ceramic Engineering, nine months from September 16, 1961, \$1,600 (5-5-61).
- GUTMAN, DAVID, Teaching Fellow in Chemistry, nine months from September 16, 1961, \$1,000 (4-1-61).
- GUTZMER, MARVIN D., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$240, and September 1, 1961-June 15, 1962, \$4,350 (5-18-61).
- HAINES, MRS. MARTHA B., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$180, and September 1, 1961-June 15, 1962, \$3,450 (5-18-61).
- HILL, MRS. LAURA J., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$150, and September 1, 1961-June 15, 1962, \$3,000 (5-18-61).
- HOBSON, JAMES G., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$150, and September 1, 1961-June 15, 1962, \$3,000 (5-18-61).
- HOLZHAUER, DONNA J., Fellow in Education, September 16, 1961-January 31, 1962, \$750 (4-13-61).
- HUFFNAGLE, JOHN D., Summer Fellow in Economics, two months from June 16, 1961, \$350 (4-18-61).
- HULSEY, JESSIE D., National Science Foundation Summer Fellow in Geology, June 16-September 8, 1961, \$900 (4-26-61).
- IMHOF, VIOLET I., Robert F. Carr Fellow in Chemistry, two months from June 16, 1961, \$400 (5-26-61); and National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1961, \$2,200 (4-26-61).
- JOLLS, KENNETH R., Teaching Fellow in Chemical Engineering, nine months from September 16, 1961, \$1,000 (4-28-61).
- KANSKY, ROBERT J., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$150, and September 1, 1961-June 15, 1962, \$3,000 (5-18-61).
- KLEIN, RICHARD M., National Science Foundation Summer Fellow in Chemistry, June 16-September 8, 1961, \$900 (4-26-61).
- KRAUSE, GAYLE A., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$240, and September 1, 1961-June 15, 1962, \$4,350 (5-18-61).
- LANGSTON, BOBBY D., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$180, and September 1, 1961-June 15, 1962, \$3,450 (5-18-61).

- LEWIS, MRS. ORDA E., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$150, and September 1, 1961-June 15, 1962, \$3,000 (5-18-61).
- MANGALO, RAYMOND, Postdoctoral Fellow-Trainee in Microbiology, 18/100 time, one year from September 1, 1960, \$1,000; this is in addition to his appointment as Research Associate in Microbiology, 82/100 time (5-16-61).
- MATHEWS, WESLEY N., JR., National Science Foundation Cooperative Fellow in Physics, one year from September 16, 1961, \$2,200 (5-24-61).
- MATTHEISS, PAUL K., Procter and Gamble Company Fellow in Chemical Engineering, nine months from September 16, 1961, \$1,800 (5-5-61).
- McCLIMENT, EDWARD R., General Electric Foundation Fellow in Physics, nine months from September 16, 1961, \$2,500 (5-1-61).
- McCLINTIC, RICHARD D., International Business Machines Fellow in Economics, nine months from September 16, 1961, \$2,500 (5-8-61).
- McGEE, WILLIAM F., Radio Corporation of America Fellow in Electrical Engineering, nine months from September 16, 1961, \$2,100 (5-16-61).
- MERSON, RICHARD L., National Science Foundation Cooperative Fellow in Chemical Engineering, one year from June 16, 1961, \$2,200 (4-26-61).
- NASH, ELMO L., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$270, and September 1, 1961-June 15, 1962, \$4,800 (5-18-61).
- PATTERSON, RICHARD L., Jones and Laughlin Steel Corporation Fellow in Metallurgical Engineering, nine months from September 16, 1961, \$1,800 (5-8-61).
- PRICE, MRS. SANDRA K., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$150, and September 1, 1961-June 15, 1962, \$3,000 (5-18-61).
- PROCK, DON, National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$240, and September 1, 1961-June 15, 1962, \$4,350 (5-18-61).
- RITTENHOUSE, EDWARD F., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$270, and September 1, 1961-June 15, 1962, \$4,800 (5-18-61).
- SADAGURSKY, PAUL L., National Science Foundation Cooperative Fellow in Mathematics, one year from June 16, 1961, \$2,200 (4-26-61).
- SHARP, JAMES B., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, one year from June 1, 1961, \$5,500 (5-24-61).
- SHERMAN, EDWARD O., JR., Ethyl Corporation Fellow in Chemistry, nine months from September 16, 1961, \$2,000 (5-8-61).
- SMITH, JANNA E., Zeta Phi Eta Fellow in Speech, nine months from September 16, 1961, \$1,500 (5-2-61).
- SNOOK, VERBAL M., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$240, and September 1, 1961-June 15, 1962, \$4,350 (5-18-61).
- STAMBAUGH, ROBERT L., Robert F. Carr Fellow in Chemistry, two months from June 16, 1961, \$400 (5-26-61).
- STANNARD, JOHN W., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$150, and September 1, 1961-June 15, 1962, \$3,000 (5-18-61).
- STEIN, NELSON, General Atomic Fellow in Physics, nine months from September 16, 1961, \$2,000 (5-1-61).
- STEWART, MAJOR F., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$240, and September 1, 1961-June 15, 1962, \$4,350 (5-18-61).
- SUTHERLAND, DANIEL W., Eastman Kodak Company Teaching Fellow in Mechanical Engineering, nine months from September 16, 1961, \$1,500 (5-17-61).
- THIESS, PAUL E., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1961, \$2,000 (5-8-61).
- TURNER, ALGIS A., Automotive Safety Foundation Fellow in Civil Engineering, nine months from September 16, 1961, \$1,500 (5-8-61).
- URWILLER, STANLEY L., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$150, and September 1, 1961-June 15, 1962, \$3,000 (5-18-61).

- VENCLOVA, AUSRELE M., Fellow in German, nine months from September 16, 1961, \$1,500 (4-1-61).
- VISCO, ROBERT E., National Science Foundation Cooperative Fellow in Chemistry, nine months from September 1, 1961, \$1,650 (4-26-61).
- WALDMAN, HENRY, National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$150, and September 1, 1961-June 15, 1962, \$3,000 (5-18-61).
- WALSH, WILLIAM C., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$150, and September 1, 1961-June 15, 1962, \$3,000 (5-18-61).
- WALTHER, RUTH M., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$150, and September 1, 1961-June 15, 1962, \$3,000 (5-18-61).
- WATSON, AUDREY B., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$150, and September 1, 1961-June 15, 1962, \$3,000 (5-18-61).
- WOODARD, MELVIN R., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$210, and September 1, 1961-June 15, 1962, \$3,900 (5-18-61).
- YARWOOD, DEAN L., James W. Garner Fellow in Political Science, nine months from September 16, 1961, \$1,800 (5-2-61).
- ZEISSET, RAY M., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1961, \$1,800 (5-19-61).
- ZWOYER, RUSSELL E., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$270, and September 1, 1961-June 15, 1962, \$4,800 (5-18-61).

RESIGNATIONS AND DECLINATIONS

- ABRAMSON, AMY F., United States Public Health Service Fellow (Trainee) in Psychology—resignation effective September 16, 1961.
- BARTHEL, MRS. CHRISTINA G., Assistant in Veterinary Pathology and Hygiene—resignation effective June 14, 1961.
- BUSER, MRS. MARJORIE A., Assistant in Occupational Therapy (Medicine)—resignation effective July 1, 1961.
- CLAUSING, ARTHUR M., National Science Foundation Cooperative Fellow in Mechanical Engineering—resignation effective June 1, 1961.
- ENDRES, JOSEPH G., United States Public Health Service Fellow (Trainee) in Food Technology—resignation effective June 1, 1961.
- GILLET, CLARENCE H., Professor of Economics (Chicago Undergraduate Division), Summer Session of 1961—resignation effective June 23, 1961.
- GOELER VON RAVENSBURG, EBERHARD, Research Associate in Physics—resignation effective June 1, 1961.
- GRAFF, GEORGE C., Assistant in Mathematics, Summer Session of 1961—resignation effective June 19, 1961.
- GRÄNICHNER, W. H. HEINT, Associate Professor of Physics and of Ceramic Engineering—resignation effective July 23, 1961.
- HERTEL, MARGARET, Serials Assistant in the Library—resignation effective September 1, 1961.
- HICKERSON, NORRIS L., Research Assistant in Civil Engineering—resignation effective June 1, 1961.
- JACOBS, NICHOLAS J., Research Associate in Dairy Science—resignation effective June 14, 1961.
- KURZ, THEODORE E., Assistant Professor of Architecture—resignation effective September 1, 1961.
- LAForge, GENE R., Research Assistant Professor of Psychology, Summer Session of 1961—declination effective June 19, 1961.
- MCCAULEY, JOHN M., Assistant Professor of Clinical Psychology (Medicine)—resignation effective June 1, 1961.
- McNAIR, THOMAS J., Instructor in Surgery (Medicine)—resignation effective July 1, 1961.
- MEYER, MARSHALL D., National Science Foundation Fellow in Metallurgy—resignation effective June 16, 1961.

- MIECH, RONALD J., Assistant in Mathematics, Summer Session of 1961 — declination effective June 19, 1961.
- MORSETHALER, GEORGE W., Associate Professor of Mathematics and Head of the Division (Chicago Undergraduate Division) — resignation effective May 1, 1961.
- MULVANEY, JAMES E., Research Associate in Chemistry — resignation effective June 1, 1961.
- NORDSTROM, ARNOLD T., Research Professor in the Coordinated Science Laboratory and Professor of Physics — resignation effective September 1, 1961.
- OTTO, MARGARETE, Research Assistant in Chemistry — resignation effective August 1, 1961.
- PETIT, FLOYD E., JR., Research Assistant in Animal Science — resignation effective June 16, 1961.
- POWELL, CAROLYN, Assistant Professor of Music — resignation effective September 1, 1961.
- REYNOLDS, HELEN M., Assistant Architecture Librarian, with rank of Assistant Professor — resignation effective September 1, 1961.
- ROBINSON, ARTHUR R., Associate Professor of Civil Engineering, Summer Session of 1961 — resignation effective June 19, 1961.
- SABINE, CLARK L., Instructor in Occupational Therapy (Medicine) — resignation effective June 1, 1961.
- SCHRAMER, GEORGE F., Assistant Professor in the Department of Mechanical and Industrial Engineering — resignation effective September 1, 1961.
- SHANNON, DONALD T., Assistant Professor of Psychology, Summer Session of 1961 — declination effective June 19, 1961.
- SJODROM, LAURENCE R., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1961 — declination effective June 23, 1961.
- SMITH, ROBERT L., Research Associate in the State Natural History Survey — resignation effective June 13, 1961.
- SPRENKLE, CASE M., Assistant Professor of Economics, Summer Session of 1961 — declination effective June 19, 1961.
- TRIANDAFILIDIS, GEORGE E., Assistant Professor of Civil Engineering, Summer Session of 1961 — declination effective June 19, 1961.
- TUNG, HSUE C., Assistant in Mathematics, Summer Session of 1961 — declination effective June 19, 1961.

LEAVES OF ABSENCE

- ANDERSON, RACHEL E., Assistant Editor in the University Press — leave of absence, one-half time, from May 1 through August 31, 1961, on account of disability.
- DAKSHINAMURTI, KRISHNAMURTI, Research Associate in Animal Science, in the Agricultural Experiment Station — leave of absence, without pay, from July 13 through August 31, 1961.
- PAPADEMOS, JOHN N., Assistant Professor of Physics, in the Chicago Undergraduate Division — leave of absence, without pay, from September 1, 1961, through August 31, 1962, so that he may accept an appointment as Research Assistant in the Enrico Fermi Institute for Nuclear Studies in connection with his program of graduate studies at the University of Chicago.
- RUBEL, LEE A., Associate Professor of Mathematics — extension of leave of absence, without pay, from September 1, 1961, through August 31, 1962, so that he may continue serving in his visiting appointment at Columbia University.
- SHANK, MAX C., Associate Professor of Biological Science and Chairman of the Division, in the Chicago Undergraduate Division — leave of absence, without pay, for one year from September 1, 1961, so that he may continue the research program in which he is engaged under a Fulbright grant.
- SMITH, JAMES H., Associate Professor of Physics, in the College of Engineering — leave of absence, without pay, for the academic year 1961-62, so that he may participate in a special project at the Massachusetts Institute of Technology on the teaching of college physics.

SWAGO, ANDREW W., Associate Professor of Electrical Engineering, in the College of Engineering — leave of absence, without pay, for the academic year 1961-62.

WAGNER, LEWIS E., Associate Professor of Economics — leave of absence, without pay, from June 15 through June 30, 1961.

EXECUTIVE SESSION

On motion of Mr. Swain, an Executive Session was ordered for the consideration of personnel matters.

APPOINTMENTS TO NONACADEMIC POSITIONS FOR 1961-62

(1) The Vice-President and Comptroller reported that due to unavoidable delays in the preparation of the University's internal operating budget for 1961-62, the budget will not be ready for consideration by the Board until after the first of August but it must be approved by the opening of the academic year on September 1, 1961, when the great majority of appointments and reappointments to the academic staff become effective. However, appointments to and changes in salaries and wages of the nonacademic staff become effective July 1. In order to prepare the July payroll, authorization of payment of the salaries and wages proposed for nonacademic employees for 1961-62 is needed at this time. Accordingly, with the concurrence of the President and the Vice-President and Provost, the Vice-President and Comptroller requested authorization to put into effect, as of July 1, the nonacademic salaries and wages recommended by the colleges and departments of the University. These salaries and wages scales will be subject to final approval by the Board when the budget is submitted in August.

On motion of Mr. Johnston, authority was given as requested.

MEETINGS OF BOARD COMMITTEES

Meetings of the Committees on General Policy, Buildings and Grounds, and Finance were held later in the day.

President Henry discussed informally with the Committee on General Policy candidates under consideration for appointments to major administrative positions including those of Director of the Jane Addams Graduate School of Social Work and of Legal Counsel.

On motion of Mr. Swain, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

August 10, 1961



The August meeting of the Board of Trustees of the University of Illinois was held in the Illini Union, Urbana, Illinois, on Thursday, August 10, 1961, beginning at 9:30 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Richard A. Harewood, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson, Mr. George T. Wilkins. Governor Otto Kerner was absent. Mr. Swain left the meeting after the Board recessed at noon.

Also present were President David D. Henry, Vice-President and Provost Lyle H. Lanier, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Dr. J. S. Begando, Vice-President in charge of the Chicago Professional Colleges, Director C. S. Havens of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. Ralph F. Lesemann, Legal Counsel, Mr. Morris S. Kessler, Assistant Comptroller, Mr. Earl R. Porter, Assistant to the President, Mr. Max Light, Manager of the Chicago Office of Public Information; and officers of the Board, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on December 21, 1960, January 18, February 15, and March 14, 1961, press proof copies of which had previously been sent to the Board.

On motion of Mr. Johnston, the minutes were approved as printed on pages 227 to 433, inclusive.

AMENDMENTS OF MINUTES

The Secretary requests authority to amend the minutes of the meetings of the Board of Trustees:

April 19, 1961. To include in a recommendation from the University Senates for revisions in the requirements for admission to the curricula in architecture two paragraphs which the Urbana Senate inadvertently omitted in taking official action but which it subsequently corrected.

June 21, 1961. By striking from a recommendation of the Committee on Fees for revision of the schedule of tuition and fees for all three campuses the sentence which would exclude fourth-year medical students who do the work of the alternative quarter off-campus from eligibility for the hospital-medical-surgical insurance coverage, this being a change in the original recommendation of the Committee.

Submitted herewith are memoranda giving the details of these changes, and the Secretary is filing copies with the records of the two meetings.

On motion of Mrs. Watkins, these amendments were approved without dissent.

REPORT OF THE EXECUTIVE COMMITTEE

The Secretary presented the following report.

MEETING OF THE EXECUTIVE COMMITTEE ON JULY 25, 1961

On call of the Chairman, the Executive Committee of the Board of Trustees of the University of Illinois met in the Illini Center, LaSalle Hotel, Chicago, Illinois, on Tuesday, July 25, 1961, beginning at 2:00 p.m.

The following, constituting all members of the Executive Committee, were present: Mr. Wayne A. Johnston, Mrs. Frances B. Watkins, and Mr. Kenney E. Williamson, Chairman. Other Trustees present were: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Earl M. Hughes, and Mr. Timothy W. Swain, all of whom participated in the discussions of the matters of business considered by the Committee.

Also present were Vice-President and Provost Lyle H. Lanier, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Dr. Joseph S. Begando, Vice-President in charge of the Chicago Professional Colleges, Mr. John Doak, Superintendent of Buildings and Grounds, Mr. Max Light, Manager of the Chicago Office of Public Information; and officers of the Board, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

**BUSINESS PRESENTED BY THE VICE-PRESIDENT
AND PROVOST OF THE UNIVERSITY**

The Committee considered the following reports and recommendations presented by the Vice-President and Provost, acting for the President of the University.

CONTRACTS FOR REMODELING AT NAVY PIER FOR CHICAGO UNDERGRADUATE DIVISION

(1) The Board of Trustees has authorized the lease of additional space at Navy Pier to provide for relocation and expansion of the Student Lounge as the first step in the initiation of a program of "Student Union" activities at the Chicago Undergraduate Division, and to provide for expansion of the reading room area of the Library at the Pier. A Student Union fee of \$5.00 per semester has been established by the Board, at the request of students, to provide income for the Student Union operations. The Board also appropriated funds for the rental and for the necessary remodeling.

The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for this remodeling, the award in each case being to the lowest bidder:

General—Mueller Construction Company, Chicago.....\$30 979
Electrical—B-H Electric Company, Chicago..... 8 921

The lowest bids cover replacement of the wood block flooring with concrete floor at a cost of \$11,500; and the electrical work incidental to the removal of the flooring at a cost of \$102. The total of \$11,602 will be paid from interest on funds held in escrow for rehabilitating Navy Pier when it is vacated by the University.

I concur.

On motion of Mr. Johnston, these contracts were awarded by the following vote: Aye, Mr. Johnston, Mrs. Watkins, Mr. Williamson; no, none; absent, none.

CONTRACT FOR INSTALLATION OF ELEVATORS IN STUDENT SERVICES BUILDING

(2) The Board of Trustees on May 17, 1961, awarded contracts for the construction of the Student Services Building. Recommendation for award of a contract for the installation of elevators was deferred until certain questions concerning the then apparently lowest bid could be answered. The Director of the Physical Plant and the Vice-President and Comptroller now recommend award of a contract for \$54,781 to Otis Elevator Company, Chicago, for the installation of elevators.

Funds are available from the proceeds of the Student Services Building Revenue Bonds issue.

I concur.

On motion of Mrs. Watkins, this contract was awarded by the following vote: Aye, Mr. Johnston, Mrs. Watkins, Mr. Williamson; no, none; absent, none.

CONTRACT FOR CONSTRUCTION OF THE SOUTHWEST CAMPUS STORM SEWER

(3) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract to Clancy Construction Company, Urbana, the lowest bidder, for the construction of the southwest campus storm sewer at a contract price of \$522,448.50, if funds are available within sixty days following the taking of bids on June 29, 1961, that is, no later than August 28, 1961, or at a contract price of \$582,448.50 if the funds are not available until after sixty days but within one hundred and twenty days or not later than October 27, 1961. This storm sewer will be constructed from a manhole station at Fourth Street and Florida Avenue running west on the south side of Florida Avenue past Oak Street, thence southwest and south to the outlet at the Embarrass River and will include laterals north on Oak Street to the Central Foods Stores Building and to another manhole station on the north side of Florida Avenue.

Contractors were instructed to include in their bidding any additions to their bids if the contracts can not be awarded within sixty days but are awarded in one hundred and twenty days. It was deemed necessary to take bids in this way because the funds for this construction will come from the proceeds of the Universities Bond Issue and it can not be determined how soon the funds will be available and will be released.

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur in these recommendations for the awards of contract, subject to the availability of funds.

On motion of Mr. Johnston, this contract was authorized, subject to availability of funds, by the following vote: Aye, Mr. Johnston, Mrs. Watkins, Mr. Williamson; no, none; absent, none.

CONTRACT FOR CONSTRUCTION OF VOLATILE STORAGE BUILDING

(4) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for the construction of a Volatile Storage Building northwest of the Central Food Stores Building, immediately east of the Illinois Central Railroad tracks:

General — L. E. DeVore Company, Decatur.....	\$28 021 00
Base Bid	\$27 643 00
Additive Alternate: for cost of providing a permanent crossing for the railroad siding to connect with the driveway and parking area to this building.....	986 00
Less credit for omission of a trough and grating around four sides of the interior of the building and construction thereto	—608 00
Electrical — Brunkow Electric Company, Champaign.....	2 949 00
Plumbing — Thomas Plumbing and Heating Company, Urbana.....	470 00
Heating — George S. Walker Plumbing and Heating, Inc., Decatur.....	3 800 00
Ventilating — F. R. Inskip and Company, Champaign.....	2 552 00
Total Contracts	\$37 792 00

An assignment of \$54,000 from Chemical Stores reserve funds is also recommended for the construction of this building. The difference between this amount and the total of the contracts is for preparation of plans, extension of utilities, and other work to be done in connection with the construction of the building.

Submitted herewith is a supporting memorandum from the Physical Plant Department, including a schedule of all bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, these contracts were awarded, as recommended, and the requested assignment of funds was approved by the following vote: Aye, Mr. Johnston, Mrs. Watkins, Mr. Williamson; no, none; absent, none.

CONTRACTS FOR EXTENSION OF UTILITIES DISTRIBUTION SYSTEM

(5) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts, subject to availability of funds, for construction of extensions of the utilities distribution system as described below, the award in each case being to the lowest bidder.

Tunnel, Concrete Ductruns, Manholes, and Load Centers Construction to Women's Residence Halls. From the existing utilities tunnel at the northwest corner of the Veterinary Medicine Building, east along Peabody Drive, thence south across Pennsylvania Avenue to the Women's Residence Halls now under construction at Lincoln and Pennsylvania Avenues with alternates for extension of tunnel structure beyond the site improvements for the new residence halls.

Tunnel, Concrete Ductruns, and Manhole Construction to Assembly Hall. From the existing utilities tunnel on South Oak Street north of the Central Food Stores Building, south across Florida Avenue, thence east on the south side of Florida Avenue to the approximate mid-point between First Street and Fourth Street, where it will connect with the piping system to the Assembly Hall.

Conduit Construction. From the tunnel at the north of the Administration Building to John Street, thence west on the north side of John Street to the Student Services Building.

The following contracts are recommended for the construction of some of these extensions.

Underground Steam Tunnel, Concrete Ductruns, Manholes, and Load Centers Construction to Women's Residence Halls (Division "AA") — Superior Construction Company, Inc., Gary, Indiana.....	\$347 206
Base Bid	\$279 186
Additive Alternate: for extension of underground steam tunnel structure, concrete ductruns, and manholes beyond the site improvements for service to future housing projects and other developments in this area.....	68 020
Underground Steam Tunnel, Concrete Ductruns, and Manholes Construction to Assembly Hall (Division "FF") — Kuhne-Simmons Company, Inc., Champaign.....	399 934
Piping System in Underground Steam Tunnel to Assembly Hall (Division "GG") — Burdick Plumbing and Heating Company, Inc., Decatur	167 996

It should be noted that these bids, received on June 8, 1961, are contingent on awards of contracts within ninety days. All of the contractors were requested to specify the amounts to be added to their bids if contracts are not awarded within ninety days, but are awarded within one hundred and eighty days. It was necessary to take bids on this basis because the construction funds for these contracts will come from state capital appropriations from the proceeds of the Universities Bond Issue and it is not known how soon such funds will be available and will be released. Accordingly, it is recommended that the Executive Committee authorize awards of these contracts subject to availability of funds within ninety days, which means not later than September 6, 1961. If funds are not available so that contracts can be awarded within ninety days or by September 6, 1961, but are made available within ninety days thereafter or by December 6, 1961, it is recommended that the authorization for the award of the above contracts be revised as follows:

Underground Steam Tunnel, Concrete Ductruns, Manholes, and Load Centers Construction to Women's Residence Halls (Division "AA") — Superior Construction Company, Inc., Gary, Indiana.....	\$357 206
Base Bid	\$279 186
Additive Alternates	68 020
Extension of Award Date.....	10 000
Piping System in Underground Steam Tunnel to Assembly Hall (Division "GG") — George S. Walker Plumbing and Heating, Inc., Decatur....	177 820
Base Bid	\$177 820
Extension of Award Date.....	No change

The increase specified in the bid of Kuhne-Simmons Company, Inc., Champaign, for the contract for the construction of underground steam tunnel, concrete ductruns, and manholes to Assembly Hall (Division "FF"), and other bids for that contract, if funds are not available to award that contract within the ninety-day period from June 8, 1961, are such that it is recommended that bids based on delay in the award of that contract beyond that ninety-day period be rejected and new bids be taken for that contract, if awarded during the ninety-day period following September 6, 1961.

The following contracts are recommended for the construction of the remainder of the above mentioned extensions.

Plumbing in Underground Steam Tunnel to Women's Residence Halls (Division "BB") — Nu-Way Plumbing Service, Inc., Chicago.....	\$ 4 213
Plumbing in Underground Steam Tunnel to Assembly Hall (Division "JJ") — George S. Walker Plumbing and Heating, Inc., Decatur....	15 000
Piping in Underground Steam Tunnel to Women's Residence Halls (Division "CC") — George S. Walker Plumbing and Heating, Inc., Decatur	95 340
Base Bid	\$78 640
Additive Alternate: for furnishing and installation of an eight-inch medium pressure steam line in new steam tunnel, in addition to that required.....	16 700

Thermal Insulation on Steam Piping in Tunnel to Women's Residence Halls (Division "DD") — Brand Insulations, Inc., Chicago.....	16 250
Base Bid	\$11 950
Additive Alternate: for insulation on eight-inch medium pressure steam line.....	4 300
Thermal Insulation on Piping in Steam Tunnel to Assembly Hall (Division "HH") — A & K Midwest Insulation Company, Inc., Metropolis	41 000
Piping System for Extension of Steam Service to Student Services Building (Division "PP") — George S. Walker Plumbing and Heating, Inc., Decatur	34 000

Since none of the lowest bidders for the six contracts last mentioned above have included any increase in their bids for those contracts if they are not awarded within ninety days from June 8, 1961, but are awarded within one hundred and eighty days from that date, it is recommended that the Executive Committee authorize awards of those contracts subject to the availability of funds within one hundred and eighty days after June 8, 1961, or by December 6, 1961.

A supporting memorandum from the Physical Plant Department on these projects, including a schedule of the bids received, is submitted herewith, and a copy is being filed with the Secretary of the Board of Trustees for record.

I concur in the foregoing recommendations, subject to availability of funds.

On motion of Mrs. Watkins, these contracts were authorized, as recommended, subject to the availability of funds, by the following vote: Aye, Mr. Johnston, Mrs. Watkins, Mr. Williamson; no, none; absent, none.

CONTRACTS FOR EXTENSIONS OF UTILITIES DISTRIBUTION SYSTEM

(6) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts as follows, subject to availability of funds, for additions to underground facilities: water main extension to Student Services Building; and water mains, storm sewers, and sanitary sewers to serve the Women's Residence Halls under construction at Lincoln and Pennsylvania Avenues, Urbana:

Construction of Storm Sewers and Water Mains to serve Women's Residence Halls (SW-2) and Student Services Building — Elton A. Wagner Company, Danville.....	\$64 127 15
Construction of Storm Sewer to serve Women's Residence Halls (SW-2).....	\$36 666 94
Additive Alternate: for extension of storm sewer beyond the present site improvements to serve future buildings to be constructed on Florida Avenue.....	6 449 03
	<u>\$43 115 97</u>
Construction of Water Mains to serve Student Services Building	\$ 4 988 20
Construction of Water Mains to serve Women's Residence Halls (SW-2) from the north source of supply	4 116 83
Additive Alternate: construction of Water Mains to serve Women's Residence Halls (SW-2) from the South to provide a second source of water supply and additional fire protection, and a source of supply and fire protection for future buildings to be constructed on Florida Avenue.....	11 906 15
	<u>\$16 022 98</u>

Construction of Sanitary Sewers to serve Women's Residence Halls (SW-2) — Nu-Way Plumbing Service, Inc., Chicago.....	14 197 00
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The bids were opened on July 13, 1961, and are firm for one hundred and twenty days. Contractors were instructed to include in their bids any adjustments in price they would require if the award of contracts was deferred beyond the usual sixty-day period up to a total of one hundred and twenty days after the date of bid opening. This provision is necessary because the funds for the contracts will come from the state capital appropriations from the proceeds of the Universities Bond Issue and it is not known how soon such funds will be available and released. All the contractors bidding indicated there would be no change in their prices if awards of contracts are deferred an additional sixty days. The bidding document

also required bidders to include in their base bids and alternates allowances for sales and use tax anticipated to be paid by the contractors on materials purchased in Illinois for this work, with the provision that if the University is exempt from paying or collecting such taxes it will receive credit for the amounts included for such taxes in the bidding.

Submitted herewith is a supporting memorandum from the Physical Plant Department, including a schedule of all bids received and the breakdown of the same, a copy of which is being filed with the Secretary of the Board for record.

I concur in the recommendations for the awards of these contracts, subject to availability of funds.

On motion of Mr. Johnston, these contracts were authorized, as recommended, subject to availability of funds, by the following vote: Aye, Mr. Johnston, Mrs. Watkins, Mr. Williamson; no, none; absent, none.

**CONTRACTS FOR EXTENSION OF ELECTRICAL SERVICES
TO STUDENT SERVICES BUILDING, ASSEMBLY HALL,
AND WOMEN'S RESIDENCE HALLS AT PENNSYLVANIA
AND LINCOLN AVENUES**

(7) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for construction of extensions of utilities to the Student Services Building, the Assembly Hall, and the Women's Residence Halls at Pennsylvania and Lincoln Avenues, the award in each case being to the lowest bidder:

Extension of Electrical Service to Student Services Building (Division "DD") — Harrison F. Blades, Inc., Decatur.....	\$ 37 398
Furnishing and Installation of Electrical Equipment and Cables for Electrical Distribution Systems Additions for the Women's Residence Halls at Pennsylvania and Lincoln Avenues and for other buildings in that area (Division "EE") — Square Deal Electrical Contracting, Inc., LaPorte, Indiana.....	214 228
Base Bid	\$173 856
Additive Alternates	40 372
Electrical Work for Extension of Steam and Electric Service to New Assembly Hall (Division "II") — Harrison F. Blades, Inc., Decatur..	37 995

The bids on which the contracts are being recommended were taken on June 1, 1961, and are firm bids if contracts can be awarded within ninety days, i.e., no later than August 29, 1961. Contractors were instructed to include in their bidding any adjustments they would require if the contracts can not be awarded within ninety days but are awarded within one hundred and eighty days. This was necessary because the construction will be financed from the proceeds of the Universities Bond Issue and it can not be determined how soon funds will be available and will be released. Bids were taken at the same time on a single contract covering all three divisions of work.

If funds are not available so that contracts can be awarded within ninety days but are available for awards within one hundred and eighty days, it is recommended that a single contract covering all three divisions of work be awarded to Square Deal Electrical Contracting, Inc., on its lowest bid of \$290,716, including the additive alternates recommended under Division "EE."

Submitted herewith is a supporting memorandum from the Physical Plant Department including a list of all bids received, a description of the additive alternates to be included in the contract for the furnishing and installation of electrical equipment and cables for the Electrical Distribution System (Division "EE"), and a copy is being filed with the Secretary for record.

I concur.

On motion of Mrs. Watkins, these contracts were authorized, as recommended, subject to availability of funds, by the following vote: Aye, Mr. Johnston, Mrs. Watkins, Mr. Williamson; no, none; absent, none.

CONTRACT FOR ADDITION TO ABBOTT POWER PLANT

(8) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$30,891 to the Oberle-Jordre Company, Inc.,

Cincinnati, Ohio, the lowest bidder, for erection of mechanical equipment (Division "8-P") on the addition (Boiler No. 6, Unit No. 7) to the Abbott Power Plant now under construction.

Funds are available in the state capital reappropriations to the University for 1961-63 and are subject to release by the Governor.

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, this contract was awarded, subject to availability and release of funds, by the following vote: Aye, Mr. Johnston, Mrs. Watkins, Mr. Williamson; no, none; absent, none.

CONTRACTS FOR REMODELING IN BEVIER HALL FOR ELECTRON MICROSCOPE CENTER

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for remodeling of the north basement of Bevier Hall for quarters for an Electron Microscope Center, the award in each case being to the lowest bidder:

General—Dean Evans Company, Champaign.....	\$ 29 379 00
Electrical—Potter Electric Service, Inc., Urbana.....	17 462 00
Plumbing—George S. Walker Plumbing and Heating, Inc., Decatur..	21 757 00
Heating and Refrigeration—F. R. Inskip and Company, Champaign..	16 290 00
Ventilating—F. R. Inskip and Company, Champaign.....	18 383 00
Laboratory Equipment—Sheldon Equipment Company, Muskegon, Michigan.....	12 676 95
Total Contracts	\$115 947 95

It is recommended that a single contract for \$34,673 be awarded to F. R. Inskip and Company, the lowest bidder on both heating and refrigeration and on ventilating.

Funds are available from the following sources:

National Science Foundation Grant.....	\$ 86 600 00
University Research Board.....	39 200 00
Nonrecurring Appropriation from the General Reserve (assignment previously made by the Board for this project).....	59 100 00
Total	\$184 900 00

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Johnston, Mrs. Watkins, Mr. Williamson; no, none; absent, none.

ADDITION TO CONTRACT FOR CONSTRUCTION OF GRADUATE STUDENT RESIDENCE HALL

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$7,693.02 in the contract with Johnson, Drake, and Piper, Inc., for construction of the Graduate Student Residence Hall (SG-2) to prepare the site for walk and terrace paving and landscaping. Separate bids will be taken later for the walks and landscaping but it is desirable, and more economical, that preparation of the site be done in connection with the rough grading which the general contractor is required to do. The change orders will cover additional grading and underground electrical and drainage work which the general contractor is well equipped to do in conjunction with his completion operations.

The other contracts for the construction of this building have been assigned to the general contractor and payments will be made to:

Johnson, Drake, and Piper, Inc.....	\$4 722 75
Knight Electric Company, Inc., for additional electrical work.....	2 503 27

George S. Walker Plumbing and Heating, Inc., for additional drainage work 467 00

Funds are available in the construction account for the Graduate Student Residence Halls which is being financed by a revenue bond issue.

I concur.

On motion of Mr. Johnston, the recommended change orders were authorized without dissent. The four other members of the Board present concurred in this action of the Executive Committee.

CONTRACT FOR MINOR BUILDING ALTERATIONS AND REPAIRS

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a standing cost-plus contract to M. E. Hollett, Champaign, the lowest bidder, for painting work on minor building alterations, repairs, and construction work for the period July 1, 1961, through March 31, 1962. This contract supplements the awards of cost-plus contracts for general work, electrical, plumbing, heating, piping, and refrigeration, and automatic temperature control systems for conditioned air which were authorized by the Board of Trustees on June 21, 1961. Such contracts are for work which would not justify the cost of preparing separate drawings and specifications and of separate bidding procedures on each project.

The terms of the contract with M. E. Hollett will be on the basis of actual costs, plus 10 per cent of cost of materials, 31 per cent of labor costs, and \$3.00 per hour for trucking, these percentages representing the contractor's fee. The work will be done as ordered by the Physical Plant Department and will be paid for on the basis of actual cost of each job plus the percentage fees. No assignment of funds is requested; each job will be covered by a contract change order charged against funds allocated for the project.

A supporting memorandum from the Physical Plant Department including a schedule of bids received is submitted herewith and a copy is filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, this contract was authorized by the following vote: Aye, Mr. Johnston, Mrs. Watkins, Mr. Williamson; no, none; absent, none.

CONTRACT FOR INSURANCE

(12) The Finance Committee of the Board has approved a proposal submitted to it by the Vice-President and Comptroller for consolidation of the insurance on all properties currently covered at the Urbana-Champaign campus, the Chicago campuses, farm properties, builders' risk and business interruptions insurance in one policy instead of separate policies and to secure bids on such a master policy. All properties acquired in the future which should be insured would be covered by endorsement of the master policy for the remainder of its term.

On January 13, 1949 (minutes, page 200), the Board of Trustees adopted a "Report of Finance Committee on Insurance Practices," Section C II of which provides that fire and extended coverage on University risks shall be placed with stock and mutual companies at a ratio, as nearly as practicable, of 75-25 per cent respectively, except that individual risks which are under \$50,000 may be placed completely with either stock or mutual companies. It is recommended that this Report be amended by deletion of Section C II to permit the purchase of a master policy. This provision should be rescinded in any case because it is not consistent with the "Regulations Governing Procurement and Bidding at the University of Illinois," adopted by the Board in 1958, which require that purchases shall be made at the lowest cost, and stock and mutual companies are seldom equally low. If the Executive Committee approves this recommendation, its action will require confirmation by the Board of Trustees at a subsequent meeting since a previous action of the Board is being amended.

Bids were taken on June 29, 1961, on a single fire insurance and extended coverage policy. The Vice-President and Comptroller recommends that a policy be purchased from the American Casualty Company of Reading, Pennsylvania, the lowest bidder, through the H. R. Bresee Agency, Champaign. The policy is for a

term of five years, effective as of July 1, 1961, for a pre-paid premium of \$133,208.33. A binder has been placed on the coverage from July 1. Funds are available in the various operating accounts of the properties to be covered.

The Vice-President and Comptroller further recommends that insurance be carried on the Kramert Art Museum as a matter of good trusteeship since funds for the construction of this building came from private donors. The premium quoted includes the cost, \$1,131.30, of insuring this building for five years.

The coverage recommended will provide for the same protection as the current policies, is not subject to any deductions or restrictive clauses, and will be written as follows:

Buildings and contents at Urbana and Champaign and Chicago will be insured on a blanket basis at 90 per cent of the depreciated insurable value. Properties will be covered for perils of fire and extended coverage; coverage of the Chicago properties will include peril of vandalism and malicious mischief.

Farms and rural properties will be insured on a scheduled basis for 80 per cent of the depreciated insurable value.

Business interruption insurance will be written on a scheduled basis at 80 per cent of the gross earnings of the operations covered.

The policy will include an agreed amount clause which removes the coinsurance requirements.

The annual appraisal services now performed by an outside professional firm will be discontinued. The Company will provide the services of its engineering department to assist in determining insurable value.

Since the policy is written on an agreed amount basis, dangers of becoming a coinsurer are removed. The only concern is that the amount of insurance is satisfactory to the University and the carrier.

The lowest bid of \$133,208.33 is on \$53,756,027 of insurance coverage and is \$113,191.26 less than the current premiums.

A schedule of the bids received is submitted herewith, and a copy is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, the purchase of a master policy was authorized, as recommended, by the following vote: Aye, Mr. Johnston. Mrs. Watkins, Mr. Williamson; no, none; absent, none.

PURCHASES

(13) The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

Item	Department	Vendor	Cost E.O.B. Chicago
Accessories for a technician auto analyzer consisting of two proportioning pumps, one dialyser, and two auto-grades	Biochemistry	Technicon Chromatography Corp., Chauncey, N.Y.	\$ 3 335.40
One microtome with motor drive unit	Dental Radiology	W. H. Kessel & Co., Chicago	2 811.75 net delivered
500,000 multiple vitamin capsules having the formula which meets the requirements of the Therapeutic Committee of the Research and Educational Hospitals. This represents a one-year supply of this item.	Pharmacy Stores	Security Medicine Co., Chicago	3 295.00 delivered
504 bottles Lipomul I.V., 500 cc. This represents a six-month supply of this item.	Pharmacy Stores	Upjohn Co., Chicago	2 948.40 net delivered
20,000 chloramphenicol capsules, 250 mg. This represents a six-month supply of this item.	Pharmacy Stores	Parke-Davis & Co., Skokie	4 908.00 net delivered
40,000 tolbutamide tablets, 0.5 gm. This represents a six-month supply of this item.	Pharmacy Stores	Upjohn Co., Chicago	3 316.00 delivered
One six-channel direct writing oscillograph wired for eight channels	Psychiatry	Pivan Engineering Co., Chicago	8 510.00 net delivered
One counter timer and digital printer			

Item	Department	Vendor	Cost
One preparation ultracentrifuge and accessories	Physiology	Beckman Instruments, Inc., Spinco Division, Lincolnwood	\$ 7 288 00
Automatic teaching machine equipment and services consisting of the following: 1,600 pages in length in the preparation of two courses on topics of internal medicine and surgery Ten copies each—reproduction of courses in microfilm form Five Mark 11 Autotutors Employment of personnel to coordinate and evaluate the results obtained from the program	College of Medicine	Western Design & Electronics, Division of U.S. Industries, Inc., Goleta, Calif.	60 000 00 delivered
Miscellaneous photographic films and papers for Chicago Professional Colleges and Chicago Undergraduate Division from August, 1961, through June 30, 1963	Various Departments	Malelo Camera Co., Chicago	27 486 40 estimated expenditure
One spectrophotometer complete with accessories, 30 dozen graduated cylinders various sizes, 28 cases 250 ml plastic wash bottles, 1000 ft. rubber tubing, and 1000 wire gauze 5 x 5	Physical Sciences, Chicago Undergraduate Division	Scientific Products, Evanston	4 281 90 delivered

Urbana-Champaign Departments

Item	Department	Vendor	Cost
One high temperature X-ray diffractometer furnace with controller assembly for providing power and temperature control, program control unit for providing desired heating and cooling rates, modification parts for adapting to Norelco diffractometer, nickel holder and sample mount and temperature calibration standards for providing fixed points with an accuracy of $\pm 50^\circ \text{C}$ up to 1000°C	Ceramic Engineering	Tem-Pres Research, Inc., State College, Pa.	\$5 303 44 f.o.b. delivered
One power supply 30 kv., 150 Ma, d.c., 1 per cent ripple with casters	Coordinated Science Laboratory	NJE Corp., c/o Ridgway Associates, Inc., Chicago	2 985 00 f.o.b. delivered
One control unit for use with ZS-8001 mass spectrometer tube	Coordinated Science Laboratory	General Electric Co., Schenectady, N.Y.	3 970 00 f.o.b. delivered
One 7000 gauss permanent magnet for use with ZS-8001			
Regulating modules for a digital computer; fourteen to be purchased at once, with option to buy an additional sixteen units prior to December 1, 1962, at \$1,750 each	Digital Computer Laboratory	NJE Corp., Kenilworth, N.J.	24 500 00 f.o.b. delivered
Ionosphere sounding equipment, frequency range 2—32 Mc/s, consisting of one step-frequency sonosonde, one step-frequency receiver, one step-frequency transmitter, and two distributed pulse amplifiers	Electrical Engineering	Granger Associates, Palo Alto, Calif.	203 373 00 f.o.b. delivered
Professional services required during the period of July 1, 1961, through June 30, 1962, for development and production of weekly University of Illinois Market Buy program, conducted in the Chicago area by the Extension Service in Agriculture and Home Economics. Services consist of preparation of news copy and mats, mimeographing, mailing service, and clipping service.	Extension Service in Agriculture and Home Economics	Newsography-95, Chicago	10 800 00
One gas chromatograph, complete with sample injection block, ionization detector, amplifier columns, valves and accessories	Food Technology	Jarrell-Ash Co., Lombard	4 685 05 f.o.b. delivered
Twenty-five rolls videotape, 2 in. x 3600 ft. to be shipped in chipboard mailing containers	Instructional Television	Minnesota Mining & Manufacturing Co., Bedford Park	3 946 50 f.o.b. delivered
Eight issues University of Illinois Law Forum (summer, 1961, through spring, 1963), 2,800 copies per issue, approximately 176 pages per copy	College of Law	Pantagraph Printing & Stationery Co., Bloomington	20 624 00 f.o.b. delivered

Item	Department	Vendor	Cost
Printing and binding eight issues of <i>Library Trends</i> , 2,500 copies per issue, approximately 96 pages per copy	Graduate School of Library Science	Pantagraph Printing & Stationery Co., Bloomington	\$14 483 20 f.o.b. delivered
One spectrometer, sample changer, automatic computer and low background scintillation counter for use in precise measurement of radioactivity in microbiological samples	Microbiology	Tracerlab, Inc., Chicago	7 807 50 f.o.b. delivered
One high impedance 12-in. laboratory electromagnet, to give 14 kilogauss with a homogeneity of 1 in 10 ⁶ over at least 1 cubic in., and with feature of both horizontal and vertical rotations	Physics	Spectromagnetic Industries, Hayward, Calif.	11 740 00
One current regulated power supply giving regulation of 1 in 10 ⁶ and having provision for additional N.M.R. stabilization and field sweep inputs			
One helium leak detector, high sensitivity mass spectrometer with audio alarm, calibrated glass leak, and double valve fast inlet	Physics	Consolidated Electrodynamics Corp., Chicago	4 075 00 f.o.b. delivered
One recording thermospectrophotometer suitable for use as a laboratory spectrophotometer and the programmed study of reaction rates in enzyme studies	Zoology	Gifford Instrument Laboratories, Inc., Oberlin, Ohio	7 298 65 f.o.b. delivered
One X-ray assembly, accessories, and reconditioning and moving installation of existing X-ray unit	Health Service	Dick X-Ray Co., St. Louis, Mo.	18 029 00 f.o.b. delivered
Two groups — assorted roasting pans, inset pans, inset frames, and stock pots for use in the Orchard Downs Food Service Unit	Housing Division	Mars Sales & Equipment Co., Centralia (Group I) Twin City Equipment Co., Champaign (Group II)	3 339 30 298 58 f.o.b. delivered
5,000 copies of Unit 8, students' edition, <i>High School Mathematics</i> , to be printed and bound. This also includes the option to place a future order for 2,000 — 4,000 copies prior to July 1, 1963, on basis of quoted prices.	University Press	Cushing-Matloy, Inc., Ann Arbor, Mich.	3 438 00 f.o.b. delivered
Photo-engraving services for the Print Shop for the period August 1, 1961, through June 30, 1963, to include copper and zinc halftone engravings, retched as necessary, zinc Benday and line etchings; all cherry wood mounted and dressed for immediate press uses; and including consultation, pickup and delivery services	Print Shop	G. R. Grubb & Co., Champaign	33 496 00 f.o.b. delivered
32 sedans, four-door, standard size 17 sedans, four-door, compact size 8 station wagons, four-door, nine-passenger 1 panel truck, $\frac{1}{2}$ -ton capacity All the above are to replace present vehicles in the University fleet except one station wagon which is an additional unit	Physical Plant	Courtesy Motor Sales, Chicago (Ford) 29 sedans (standard) 9 sedans (compact) University Ford Sales, Champaign 3 sedans (standard) 8 sedans (compact) 8 station wagons International Harvester Co., Springfield 1 truck	14 759 00 3 221 00 2 009 45 2 239 00 5 787 00 1 349 00 (29 364 45) f.o.b. delivered
Design and construct two radio receivers	Electrical Engineering	ITT Kellogg, Chicago	14 048 00 f.o.b. delivered
Approximately 2,700 liters liquid hydrogen to be delivered as needed in three shipments of approximately 900 liters each during the period of August 1, 1961, through June 30, 1962	Physics	Linde Co., Division of Union Carbide Corp., Chicago	10 450 44 f.o.b. delivered

On motion of Mr. Johnston, these purchases were authorized.

EXECUTIVE SESSION

At this point an Executive Session was requested, and was ordered by the Chairman of the Committee, for consideration of personnel matters.

REQUEST OF DR. ANDREW C. IVY

The Vice-President and Provost and the Vice-President in charge of the Chicago Professional Colleges reported that Dr. Andrew C. Ivy, Distinguished Professor of Physiology and Head of the Department of Clinical Science, who has reached the statutory age of retirement, has requested that:

The Department of Clinical Science be continued for one year from September 1, 1961, with a budget of \$21,600, exclusive of Dr. Ivy's salary. The Executive Committee of the College of Medicine had previously recommended, the Chicago Professional Colleges Senate concurring therein, that the Department of Clinical Science be discontinued with the retirement of Dr. Ivy.

He be continued in active service for one year from September 1, 1961, at his present salary of \$18,500; or that if he is retired, he be permitted to continue as Head of the Department of Clinical Science for one year from September 1, 1961, and that laboratory facilities and funds for his research program, including salaries of some of his present staff, be provided.

Following discussion of these reports, it was the consensus of the Executive Committee and of the other Trustees present that action on Dr. Ivy's request be deferred pending actions by the Dean and the Executive Committee of the College of Medicine and by the President of the University.

APPOINTMENT OF LEGAL COUNSEL

The Secretary presented a brief report concerning a recommendation which will be made by the President of the University to the Board of Trustees on August 10, 1961, concerning the appointment to this position. The Trustees have previously been informed that Mr. James J. Costello of the law firm of Clark and Costello, 135 South LaSalle Street, Chicago, will be recommended for this appointment, and that he has agreed to accept. The Trustees have informally indicated their approval of the appointment.

COMPLAINT OF ALVIN W. CROWLEY

Chairman Williamson informed the Committee that he has received a request from Mr. Alvin W. Crowley, a former nonacademic employee, for a hearing by the Board of Trustees regarding termination of his employment.

Mr. Crowley was employed in the Department of Physics at Urbana-Champaign with the civil service classification of Instrument Maker on May 18, 1959. His employment was terminated before expiration of the standard six-month probationary period. He had instituted legal proceedings in the Circuit Court of Champaign County for an injunction to prevent his dismissal, alleging that it was illegal, but the petition was denied by the Court.

It was the consensus of the Executive Committee and of the other Trustees present that Mr. Crowley should not be given a hearing by the Board of Trustees since his proper recourse is to the Merit Board of the University Civil Service System of Illinois.

On motion of Mrs. Frances B. Watkins, the Committee adjourned.

A. J. JANATA
Clerk

WAYNE A. JOHNSTON
FRANCES B. WATKINS
KENNEY E. WILLIAMSON
Chairman

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

INTERNAL OPERATING BUDGET 1961-62

(1) The University's internal operating budget for all divisions and funds for the fiscal year beginning July 1, 1961, for academic and administrative appointments beginning September 1, 1961, and for nonacademic personnel appointments beginning July 1, 1961, is submitted herewith. This budget has been prepared by the Vice-President and Provost and the Vice-President and Comptroller in accordance with policies recommended by the University Budget Committee and procedures approved by the President. It is based upon recommendations of deans, directors, and other administrative officers and has been reviewed by the President.

I recommend that this budget, covering the allocation of the estimated operating income from all sources for the year beginning July 1, 1961, be approved; and that the President of the University be authorized, in accordance with the needs of the University and the equitable interests involved and within total income, (a) to accept resignations, (b) to make such additional appointments as are necessary, subject to the provisions of the University Statutes and the Policy and Rules Relating to Compensation and Working Conditions of Non-academic Employees, and (c) to make such changes and adjustments in items included in the budget as are needed, all such changes to be covered in the Vice-President and Comptroller's quarterly financial report, or in reports to the Board by its Secretary.

The complete budget for all divisions of work with a condensed analysis and summaries was sent to the Trustees in advance of today's meeting.

Mr. Swain, Chairman of the Finance Committee, reported that the Committee held a called meeting in Urbana, Illinois, on Wednesday, August 9, 1961, for the purpose of reviewing the budget in detail, in consultation with the President and other University officials. All members of the Committee were present at this meeting, and also Trustees Howard W. Clement, Irving Dilliard, Richard A. Harewood, Earl M. Hughes, Harold Pogue, George T. Wilkins, and Kenney E. Williamson, all of whom participated with the Committee in the study of the budget. At the conclusion of the meeting, the Committee voted to recommend approval of the budget as now submitted.

Following the Committee's report, the President and the Vice-President and Provost discussed the budget as presented in the Condensed Analysis and Summaries, a copy of which was filed with the Secretary for record. At the conclusion of the President's presentation, and following further discussion in which all members of the Board present participated, Mr. Swain moved that the budget be adopted, and that the President of the University be authorized to take the actions presented in his recommendations; and that the necessary appropriations be made as recommended in the detailed budget.

This motion was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Governor Kerner.

The detailed budget appears as an appendix to these minutes on page 697.

INTERNAL BUDGET OF THE ATHLETIC ASSOCIATION FOR 1961-62

(2) The Director of Intercollegiate Athletics submits, on behalf of the Board of Directors of the Athletic Association, the budget for the Association for

1961-62 which is summarized as follows with comparative figures for the preceding year:

	1960-61	1961-62
Income.....	\$1 179 915	\$1 249 735
Appropriations.....	1 175 585	1 245 652
Excess of Income over Appropriations.....	4 330	4 083

The budget has been examined and approved by the Vice-President and Provost and the Vice-President and Comptroller.

I recommend that this budget be approved and that the President of the University be authorized to make such changes and adjustments, including approval of new appointments and acceptances of resignations, as are necessary and recommended by the Board of Directors of the Athletic Association within the total income realized.

On motion of Mr. Harewood, this budget was approved.

APPOINTMENT OF DR. MARIETTA STEVENSON

(3) Professor Marietta Stevenson, Director of the Jane Addams Graduate School of Social Work, had previously elected to retire on September 1, 1961, and her request was approved. In view of the fact that her successor can not take over until February 1, 1962, she has agreed to continue in active service and I therefore recommend renewal of her appointment as Professor of Social Work and Director of the Jane Addams Graduate School of Social Work for the period September 1, 1961, through January 31, 1962, at a total salary of \$7,294 for this period.

On motion of Mr. Dilliard, this appointment was approved.

APPOINTMENT OF DIRECTOR OF SCHOOL OF SOCIAL WORK

(4) I recommend the appointment of Dr. Mark P. Hale, presently Professor and Director of the School of Social Work at the State University of Iowa, as Professor of Social Work on indefinite tenure, and Director of the Jane Addams Graduate School of Social Work from February 1, 1962, through August 31, 1963, at an annual salary of \$17,500 on a twelve-month service basis.

The nomination for this appointment was initiated by a special search committee¹ appointed to canvass the field of available and qualified candidates and to make recommendations. The Executive Committee of the School has been consulted as have been the Vice-President and Provost and the Dean of the Graduate College. This appointment will fill the vacancy created by the retirement of Director Marietta Stevenson from active service.

On motion of Mr. Dilliard, this appointment was approved.

APPOINTMENT OF LEGAL COUNSEL

(5) I recommend the appointment of Mr. James J. Costello, presently a member of the firm of Clark and Costello, 135 South LaSalle Street, Chicago, Illinois, as Legal Counsel for two years from September 1, 1961, at an annual salary of \$20,000 on a twelve-month service basis.

The nomination for this appointment was initiated by a special search committee² and is concurred in by all recommending officers concerned. The appointment is to fill the vacancy created by the change in status of Mr. Ralph F. Lesemann, who has been Legal Counsel for the University since July, 1951, and who has asked to be relieved of this administrative assignment for reasons of health. The Board on March 14, 1961, approved a change in his status to Special Counsel on 45 per cent time for such assignments of legal work as can be carried on by him under this arrangement.

On motion of Mr. Swain, this appointment was approved.

¹ Royden Dangerfield, Dean of Administration and Associate Provost, Chairman; J. McVicker Hunt, Professor of Psychology; Emmett B. McNatt, Professor of Economics; Florence Poole, Professor of Social Work; David Tanenbaum, Associate Professor of Social Work.
² A. J. Janata, Secretary of the Board of Trustees, Chairman; Russell N. Sullivan, Dean of the College of Law; and H. O. Farber, Vice-President and Comptroller.

DEANSHIP OF COLLEGE OF PHYSICAL EDUCATION

(6) I recommend the appointment of Dr. K. J. McCristal, presently Chairman of Professional Education in the Department of Health, Physical Education, and Recreation at Michigan State University, as Professor of Physical Education for Men on indefinite tenure, and Dean of the College of Physical Education for two years from September 1, 1961, at a salary of \$17,000 a year on a twelve-month service basis.

This appointment is to fill the vacancy which will be created by the retirement of Dean Seward C. Staley from active service on September 1, 1961.

The appointment of Dr. McCristal is recommended upon nomination by a special search committee¹ appointed to canvass the field of potential candidates, examine their qualifications and make recommendations, and after consultation with the Executive Committee of the College of Physical Education. The Vice-President and Provost and the Dean of the Graduate College also have been consulted and concur.

On motion of Mr. Wilkins, this appointment was approved.

HEADSHIP OF DEPARTMENT OF PHARMACY

(7) The Dean of the College of Pharmacy and the Vice-President in charge of the Chicago Professional Colleges recommend the appointment of Dr. Martin I. Blake, presently Associate Professor of Pharmacy, as Professor of Pharmacy on indefinite tenure, and Head of the Department of Pharmacy beginning September 1, 1961, at an annual salary of \$15,000 on a twelve-month service basis.

The Headship of the Department is presently vacant. The recommendation for this appointment was initiated by a special search committee² after more than a year of study of qualifications of available candidates, and Dr. Blake is the unanimous choice of the Committee. The Vice-President and Provost and the Dean of the Graduate College have been consulted and concur.

I recommend approval.

On motion of Mrs. Watkins, this appointment was approved.

APPOINTMENTS TO THE FACULTY

(8) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. ALEXANDER ABASHIAN, Assistant Professor of Physics, beginning September 1, 1961, at an annual salary of \$9,000 (D).
2. ERNEST G. ANDERSON, Visiting Professor of Genetics, Departments of Agronomy and Botany, on one-half time, for fourteen months from July 1, 1961, at an annual salary of \$6,000 (DY50).
3. JACOB BEREND BAKEMA, George A. Miller Visiting Professor of Architecture, for the period of February 5, 1962, through April 5, 1962, at a salary of \$5,000 (G).
4. WASHINGTON BUÑO, Lecturer with rank of Professor, Department of Anatomy, beginning September 1, 1961, at an annual salary of \$12,500 (DY).
5. VINCENT W. BYERS, Assistant Professor of Speech and Theatre, beginning September 1, 1961, at an annual salary of \$7,000 (B).
6. JOSEPH R. CHRISTIAN, Professor of Pediatrics, College of Medicine, beginning September 1, 1961, without salary (DY).
7. LELA B. COSTIN, Assistant Professor of Social Work, beginning September 1, 1961, at an annual salary of \$7,000 (D).
8. FARRINGTON DANIELS, JR., Associate Professor of Dermatology, College of Medicine, beginning September 1, 1961, at an annual salary of \$15,000 (DY).

¹ H. K. Allen, Professor of Economics, Chairman; Leslie A. Bryan, Director of the Institute of Aviation and Chairman of the Urbana Senate Committee on Athletics; H. S. Hoyman, Professor of Health Education and Head of the Department of Health and Safety Education; Laura J. Huelster, Professor and Head of the Department of Physical Education for Women; and C. O. Jackson, Professor and Head of the Department of Physical Education for Men.

² Dr. Ernst R. Kirch, Professor of Chemistry; Paul D. Carpenter, Associate Professor of Zoology; Dr. Frank A. Crane, Assistant Professor of Pharmacognosy; Dr. James E. Geary, Professor and Head of the Department of Chemistry; Herbert M. Emig, Associate Professor of Pharmacy; Dr. Stanley V. Susina, Assistant Professor of Pharmacy and Acting Head of the Department; and Dr. Theodore R. Sherrod, Professor of Pharmacology.

9. IRVING H. DISTELHEIM, Clinical Assistant Professor of Dermatology, beginning July 1, 1961, without salary (DY).
10. WILLIAM PATRICK DONOVAN, Assistant Professor of Classics and Curator of the Classical Museum and the Museum of European Culture, beginning August 1, 1961, at an annual salary of \$6,800 (B).
11. BRUCE EUGENE EDWARDS, Assistant Professor of Economics, beginning September 1, 1961, at an annual salary of \$7,800 (D).
12. WILLIAM H. EVANS, Assistant Professor of Education, beginning September 1, 1961, at an annual salary of \$7,800 (B).
13. LEROY D. FOTHERGILL, Professor of Epidemiology and Associate (Scientific) Director of the Center for Zoonoses Research, College of Veterinary Medicine, on 40 per cent time, beginning July 1, 1961, at an annual salary of \$5,000 (AY; BY).
14. FEDERICO GARCIA-MOLINER, Visiting Associate Professor of Physics, beginning September 1, 1961, at an annual salary of \$9,000 (D).
15. FRITZ GASSMANN, George A. Miller Visiting Professor of Geophysics, Graduate College, for the period of February 1, 1962, through June 15, 1962, at a salary of \$7,500 (G).
16. WILLIAM G. GODDEN, Visiting Associate Professor of Civil Engineering, for the academic year 1961-62, at a salary of \$10,000 (E).
17. JOHN GORSKI, Assistant Professor of Physiology, beginning September 1, 1961, at an annual salary of \$7,500 (B).
18. GOTTHARD GUNTHER, Visiting Research Associate Professor of Electrical Engineering, beginning August 15, 1961, at an annual salary of \$9,500 (DY).
19. HERBERT HAMILTON, Research Assistant Professor, Institute of Communications Research, on three-fourths time, and Department of Sociology, on one-fourth time, beginning September 1, 1961, at an annual salary of \$7,200 (B).
20. THOMAS D. HINESLY, Assistant Professor of Soils Extension, Department of Agronomy, beginning July 17, 1961, at an annual salary of \$8,000 (DY).
21. HARRY LEWIS JACOBS, Associate Professor of Psychology, beginning September 1, 1961, at an annual salary of \$8,800 (A).
22. GEORGIANA MARY JAGIELLO, Assistant Professor of Medicine, beginning September 1, 1961, at an annual salary of \$8,500 (BY).
23. WAYNE R. LAFAYE, Assistant Professor of Law, beginning September 1, 1961, at an annual salary of \$10,500 (B).
24. ROBERT BENJAMIN LEES, Associate Professor of English, and Research Associate Professor in the Institute of Communications Research, beginning September 1, 1961, at an annual salary of \$10,000 (A67; A33).
25. GEORGE E. MAHA, Staff Physician in the Health Center and McKinley Hospital, and Associate Professor of Hygiene, beginning September 1, 1961, at an annual salary of \$15,000 (BY).
26. THEODORE AUGUST JOHANNES MARIS, Visiting Professor of Physics, beginning September 15, 1961, at an annual salary of \$11,000 (DY).
27. ROGER MARCUS MICK, Counselor in the Student Counseling Service, and Assistant Professor of Psychology, Chicago Undergraduate Division, beginning September 1, 1961, at an annual salary of \$9,300 (BY).
28. HOWARD R. MILLER, Staff Physician in the Health Center and McKinley Hospital, and Assistant Professor of Hygiene, beginning September 1, 1961, at an annual salary of \$14,000 (BY).
29. BASIL R. MYERS, Associate Professor of Electrical Engineering, for the period of July 1, 1961, through August 31, 1961, at a salary of \$1,220 a month (G). (He will receive a reappointment after September 1, 1961.)
30. JOAN NESSLER, Assistant Professor of Physical Education for Women, beginning September 1, 1961, at an annual salary of \$6,500 (B).
31. J. ALDEN NICHOLS, Associate Professor of History, beginning September 1, 1961, at an annual salary of \$9,500 (A).
32. DENNIS M. O'CONNOR, Assistant Professor of Law, beginning September 1, 1961, at an annual salary of \$12,000 (B).
33. JOHN THOMAS O'CONNOR, Assistant Professor of Sanitary Engineering, Department of Civil Engineering, beginning September 1, 1961, at an annual salary of \$7,500 (B).
34. WILLIAM D. PARDEE, Assistant Professor of Crop Extension, Department of Agronomy, beginning June 15, 1961, at an annual salary of \$8,200 (DY).

35. THOMAS P. PARKINSON, Director of Assembly Hall in Auxiliary Services and in the Physical Plant Department, beginning August 1, 1961, at an annual salary of \$13,000 (DY).
36. ROBERT G. PARR, Visiting Professor of Chemistry and Associate Member of the Center for Advanced Study, Graduate College, for the second semester of 1961-1962, at a salary of \$8,000 (E).
37. TOMMY LEE PHILLIPS, Assistant Professor of Botany, Division of General Studies, beginning September 1, 1961, at an annual salary of \$6,500 (B).
38. WILLIAM DESMOND PHILLIPS, Assistant Professor, College of Education and Institute for Research on Exceptional Children, beginning October 1, 1961, at an annual salary of \$7,800 (D43; D57).
39. JAMES MATTHEW POWELL, Assistant Professor of History, Division of General Studies, beginning September 1, 1961, at an annual salary of \$7,000 (B).
40. JOHN WILLIAM REIDY, Assistant Professor of Journalism, beginning September 1, 1961, at an annual salary of \$8,400 (B).
41. ROBERT WILLIAM RESEK, Assistant Professor of Economics, beginning September 1, 1961, at an annual salary of \$7,500 (D).
42. SEWARD ELIOT ROBB, Assistant Professor of Management, beginning September 1, 1961, at an annual salary of \$7,500 (D).
43. ELMER L. SAUER, Professor of Rural Development, Department of Agricultural Economics, in Extension, beginning July 1, 1961, at an annual salary of \$12,500 (AY).
44. SUNDARAM SESHU, Associate Professor of Electrical Engineering, on one-half time, and Associate Professor in the Coordinated Science Laboratory, on one-half time, beginning September 1, 1961, at an annual salary of \$10,000 (A50; D50).
45. F. MARK SIEBERT, Assistant Professor of Music, beginning September 1, 1961, at an annual salary of \$7,200 (B).
46. KENNETH C. SMITH, Visiting Assistant Professor in the Digital Computer Laboratory, Graduate College, for one year from July 1, 1961, at a salary of \$11,000 (FY).
47. CLARK CHRISTIAN SPENCE, Associate Professor of History, beginning September 1, 1961, at an annual salary of \$10,000 (A).
48. PHILIP HENRY STEPHAN, Assistant Professor of French, beginning September 1, 1961, at an annual salary of \$6,500 (B).
49. RICHARD FINN TOMASSON, Assistant Professor of Sociology, Division of General Studies, beginning September 1, 1961, at an annual salary of \$7,200 (B).
50. REUBEN ROBERT WASSERMAN, Clinical Associate Professor of Physical Medicine and Rehabilitation, College of Medicine, beginning June 1, 1961, without salary (DY).

Appointments to Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointments to supervisory positions of upper-level responsibility.

1. PHILIP E. DETURK, Landscape Architect, Physical Plant Department, beginning June 1, 1961, at an annual salary of \$6,300.
2. JEANNE E. DUNAGAN, Assistant Food Production Manager, Residence Halls, beginning May 1, 1961, at an annual salary of \$1,800 (30 per cent time).
3. JOHN C. HOFER, Laboratory Program Administrative Assistant, Department of Electrical Engineering, beginning May 15, 1961, at an annual salary of \$8,500.
4. HARLEY T. MUSGROVE, Research Laboratory Shop Supervisor, Department of Theoretical and Applied Mechanics, beginning April 1, 1961, at an annual salary of \$7,800.
5. LYLE ROCKE, Electronics Engineer, Department of Electrical Engineering, beginning May 8, 1961, at an annual salary of \$10,200.
6. VAIDOTAS J. SIMAITIS, Accelerator Engineer I, Department of Physics, beginning June 12, 1961, at an annual salary of \$6,000.
7. RICHARD A. VAN DE VEN, Assistant Director of Public Information, beginning July 10, 1961, at an annual salary of \$7,200.

On motion of Mr. Swain, these appointments were confirmed.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(9) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
JACK BARRISH	Chicago	District of Columbia
HENRY KEARNEY ENGEL	Indianapolis, Indiana	Indiana
CHARLES JOSEPH FIELDS III	Evanston	District of Columbia
JOSEPH A. GEISEN	Munster, Indiana	Indiana
WILLIAM ADAM HUBER	St. Louis, Missouri	Missouri
LOUIS BERNARD LOEBNER	St. Louis, Missouri	Missouri
KENNETH MILLMAN	Chicago	District of Columbia
C. WARREN REED	Ladue, Missouri	Colorado
JOSEPH PERRY TRYTTEN	Park Ridge	Michigan

1 concur.

On motion of Mr. Johnston, these certificates were awarded.

ADVISORY COMMITTEES FOR COLLEGE OF AGRICULTURE

(10) The Dean of the College of Agriculture recommends the following appointments and reappointments to advisory committees for the College of Agriculture and the Agricultural Experiment Station effective September 1, 1961, for three-year terms:

<i>Agricultural Economics</i>	<i>Animal Science</i>
NYE F. BOUSLOG, Manager, Farm Service Department, Union National Bank, Macomb	R. O. NESHEIM, Manager, Livestock-Feed Research, Quaker Oats Company, 617 W. Main Street, Barrington
JOHN A. EDWARDS, Greenlawn Farm, Tolono	P. E. WOODSON, Woodson-Fennewald Commission Company, National Stockyards, East St. Louis
M. D. KING, President, M. D. King Milling Company, Pittsfield	
<i>Agricultural Engineering</i>	<i>Dairy Science</i>
A. D. ODERKIRK, Manager, Babson Farms, Inc., DeKalb	RALPH L. NICHOLS, Hebron
<i>Agronomy</i>	<i>Forestry</i>
DORSEY KIRK (Master, Illinois Grange), Ohlong	A. C. FOLEY, President, T. A. Foley Lumber Company, Paris
WARD REYNOLDS, President, Greystone, Inc., Altona	
	<i>Horticulture (Floriculture, Ornamentals)</i>
	GEORGE N. CORRIGAN, Capitol Florist Supply Company, 928 East Adams, Springfield

The Dean of the College of Agriculture further recommends the following appointments to the general committee for one year as members at large:

JOSEPH ACKERMAN, Managing Director, Farm Foundation, 600 South Michigan Avenue, Chicago	PAUL C. JOHNSON, Editor, Prairie Farmer, 1230 West Washington Boulevard, Chicago 7
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1 concur.

On motion of Mr. Hughes, these appointments were approved.

SABBATICAL LEAVES OF ABSENCE, 1961-62

(11) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1961-62 in accordance with the provisions of the University of Illinois Statutes and on the terms and for the periods

indicated. This is supplementary to the lists of applications recommended to the Board of Trustees on March 14 and April 19, 1961.

HERBERT GOLDSTEIN, Associate Professor of Education in the College of Education and in the Institute for Research on Exceptional Children, second semester (March 1 through August 31, 1962), one-half pay; to engage in curriculum research in the area of mental retardation, work to be done in the University of Oslo, Norway.

ROBERT L. CARMIN, Associate Professor of Geography, second semester (March 1 through August 31, 1962), one-half pay; to conduct geographic research on urban-rural relationships in the Coimbra region of Portugal.

On motion of Mr. Hughes, these leaves were granted, as recommended.

SCHOLARSHIPS FOR FOREIGN DISPLACED STUDENTS

(12) In February, 1957, the Board of Trustees, on recommendation of the University Committee on Undergraduate Scholarships, authorized fifteen tuition and fee scholarships for displaced foreign students or refugees who meet admission requirements. This authorization renewed and increased from ten to fifteen the number of scholarships for displaced foreign students previously authorized by the Board.

The scholarships authorized in 1957 were for four years and will expire on August 31, 1961. The Committee on Undergraduate Scholarships recommends an extension of this scholarship program for a four-year period beginning in September, 1961.

I concur.

On motion of Mrs. Watkins, the extension of this scholarship program was authorized.

CHANGES IN CURRICULA IN CHEMISTRY AND CHEMICAL ENGINEERING

(13) The Urbana-Champaign Senate has recommended certain changes in the curricula leading to Bachelor of Science degrees in Chemistry and Chemical Engineering, effective September 1, 1961, these changes having previously been approved by the faculty of the College of Liberal Arts and Sciences.

Significant changes in the curriculum in chemistry include:

Eighty-one hours of specifically required courses instead of ninety-two.

Change in language requirement from two years of foreign language (French, German, or Russian) to either two years of German or one year of German and one year of Russian.

Addition of the following specific requirements with regard to electives: eight semester hours from upper-level courses in chemistry in addition to those specifically required; twelve additional semester hours from advanced courses in chemistry, physics, mathematics and/or biological sciences; and ten semester hours selected from non-science areas.

Significant changes in the curriculum in chemical engineering include:

Deletion of the bioengineering option (this option was offered for chemical engineers particularly interested in the fermentation, pharmaceutical, and food industries).

Removal of Chemistry 124, Quantitative Analysis, from first semester of sophomore year, replaced by Chemistry 321, Chemical and Instrumental Analysis, a new course, in the senior year.

Removal of Chemical Engineering 377, Chemical Engineering Technology, as a requirement in the engineering option, replaced by a required advanced technical elective in chemical engineering (the engineering option is for chemical engineers who intend to enter industry at the completion of the Bachelor of Science degree).

Addition of Mathematics 343, Advanced Calculus, or Mathematics 345, Differential Equations and Orthogonal Functions, as a requirement in the engineering option.

Addition of a required advanced chemical engineering elective, two or three hours in the physical science option (the physical science option is primarily for

chemical engineers who expect to engage in advanced study and research beyond a Bachelor of Science degree).

The Senate Coordinating Council has advised that these revisions have been discussed with appropriate officials at the Chicago Undergraduate Division and require no further Senate action. The details are submitted in the attached supplement, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Clement, this recommendation was approved.

HIGHWAY TRAFFIC SAFETY CENTER

(14) The Sixty-Ninth General Assembly in 1955 enacted Senate Bill 777 providing for the establishment of the Illinois Division of Traffic Safety within the Department of Public Safety. One section of this law provides that the University of Illinois "may serve as the training and research center for the Coordinator of the Division of Traffic Safety and for the Traffic Safety Committee and may develop and conduct training programs, special studies, surveys, and other services in the field of public safety and traffic accident prevention."

In the fall of 1958, the President appointed a Committee on Utilization of University Resources for Traffic Safety to conduct a survey of University resources for teaching, research, and special service in the field of traffic safety, and to make recommendations concerning the use of these resources.

The Committee submitted a comprehensive report on June 30, 1960, including a survey of activities within the University related to traffic safety and a review of organizational arrangements in other state universities for the study of problems in this area. The establishment of a traffic safety center at the University of Illinois was recommended, with an initial budget of \$40,000 a year.

Because funds were not available, this proposal could not be implemented during 1960-61. It was decided, however, that the Vice-President and Provost would study the possibility of initiating the Center in 1961-62, either through the addition of funds to the regular budget or through the use of temporary savings on a nonrecurring basis. Because of budget cuts, no such addition to the budget for 1961-62 has been possible. The Vice-President and Provost recommends, therefore, that a more limited program than originally proposed be initiated during 1961-62 through coordination of existing research and training activities, and through a nonrecurring appropriation from the General Reserve.

With the concurrence of the Committee and the Dean of the College of Engineering, the Vice-President and Provost recommends that the Highway Traffic Safety Center be established within the College of Engineering, under the general supervision of the Dean of that College. Professor John E. Baerwald, of the Department of Civil Engineering, would serve on a half-time basis as Director of the Center and a half-time secretary would be provided. Funds for travel, materials, and supplies would account for the remainder of the budget. A nonrecurring appropriation of \$12,500 from the General Reserve is recommended to meet these costs.

I concur.

On motion of Mr. Hughes, this recommendation was approved, and the requested assignment of funds was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CLINICAL RESEARCH CENTER FOR THE RESEARCH AND EDUCATIONAL HOSPITALS

(15) The Department of Medicine in the College of Medicine has prepared a proposal to the National Institutes of Health, United States Department of Health, Education, and Welfare, for the establishment of a Clinical Research Center on the eighth floor of the Research and Educational Hospitals. The proposal includes an application for funds amounting to \$511,820.35 for the first year (January 1, 1962, to December 31, 1962), \$214,571 for the second year, \$219,559 for the third year, \$224,733 for the fourth year, \$230,146 for the fifth year, \$235,-

888 for the sixth year, and \$241,826 for the seventh year, a total of \$1,878,543.35 for the seven years.

The budget for the first year includes \$350,030.35 for remodeling and equipment, \$46,231 for operating expenses, and \$115,559 for basic hospitalization expenses for patients admitted to the Center for study.

Submission of a similar proposal was authorized by the Board of Trustees on May 17, 1960, but that application was not approved by the National Institutes of Health. In order to meet a deadline of July 1, 1961, for the consideration of this new application, it was submitted late in June with the approval of the Vice-President in charge of the Chicago Professional Colleges.

I recommend authorization of this new application and acceptance of funds for the initiation of this project if approval is received from the National Institutes of Health.

On motion of Mrs. Watkins, this recommendation was approved.

AMENDMENT OF BICYCLE REGULATIONS

(16) A code of regulations for the registration and operation of bicycles on the campus was approved by the President of the University and reported to the Board of Trustees on July 26, 1960. A copy of the regulations was filed with the Secretary of the Board for record.

The Vice-President and Provost has now approved an amendment of these regulations, a revised copy of which is submitted herewith, and a copy is being filed with the Secretary of the Board.

This administrative action is reported for record.

On motion of Mr. Johnston, this action was confirmed.

AUTOMOBILE PARKING REGULATIONS AND FACILITIES AT CHICAGO PROFESSIONAL COLLEGES

(17) Submitted herewith is a recommendation from the Vice-President in charge of the Chicago Professional Colleges, based on the report of a Committee on Parking and Traffic appointed by him, for a plan of paid parking facilities for faculty, staff, and students at the Chicago Professional Colleges. A copy of the complete report is being filed with the Secretary of the Board for record.

In brief, the plan provides for control of parking in existing improved parking lots, funds for expansion and improvement of parking facilities, and parking fees to be assessed in accordance with the following schedule:

Reserved spaces for daytime use only, Mondays through Fridays:	
Faculty and Staff.....	\$42 00
Students.....	30 00
Controlled-access lots	
Faculty and Staff.....	24 00
Students.....	18 00
Gate-controlled lots for occasional use by part-time faculty and visitors	
	0.20 per day

I recommend approval of the plan as submitted, including authorization of appropriate regulations for its implementation and of the parking fees, the income therefrom to be used for the extension and improvement of parking facilities.

On motion of Mr. Swain, this recommendation was approved, and authority was given as requested.

CONTRACT FOR CAMPUS BUS SERVICE

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a contract with the Champaign-Urbana City Lines, Inc., for a campus bus service for students and staff along the lines of the bus service operated under a University contract last year — named "Illi Bus" by the student leaders who assisted in setting it up — but expanded to include transportation service for the Orchard Downs area and extended to include evening hours and Saturdays and Sundays. The specific recommendations are that:

Authority be granted to continue the Illi Bus operation during the 1961-62 academic year, starting September 11, 1961, with:

Service providing approximately ten-minute headway between 7:20 a.m. and 5:20 p.m., Monday through Friday, except during peak periods when the service will be scheduled as may be required to meet the demand.

Service provided during the evenings at approximately one-half-hour intervals, Monday through Thursday to 11:20 p.m. and Friday to 1:20 a.m.

Service provided on Saturday from 7:20 a.m. to 12:20 p.m. at approximately ten-minute intervals and from 12:20 p.m. to 1:20 a.m. at approximately one-half-hour intervals.

Service provided on Sunday at approximately one-half-hour intervals from 9:20 a.m. to 11:20 p.m.

The five-cent fee per ride be retained except that students living in Orchard Downs will be issued passes to ride free from the Downs to any point on the route; however, the passes will be honored only for a return trip to the Downs from the corner of Nevada Street and Goodwin Avenue.

The University be authorized to enter into an agreement with the Champaign-Urbana City Lines, Inc., for the 1961-62 academic year based on a rate of five dollars per hour per bus. (This includes the equipment and necessary personnel to provide this service, and sufficient insurance to protect both the Company and University against liability for personal injuries or property damages arising out of operating this service.) The cost of operating this service will be financed as follows: fares collected from students and staff, \$30,000 from Housing Division funds, and \$1,200 from balance of 1960-61 appropriation for Illi Bus operation.

Further experimentation be authorized to improve service to all parts of the campus and to determine the extent to which the Illi Bus can assist in solving the campus parking problems.

A report on the trial operation of Illi Bus during 1960-61 is submitted in support of the proposed continuation of the service, together with extracts from minutes of the meetings of the Board of Trustees on November 16 and December 21, 1960, of the actions taken authorizing this service last year.

I concur in the recommendations including the requested assignments of funds.

On motion of Mr. Hughes, the foregoing recommendations and the requested assignments of funds were approved; authority was also given University officials to make such changes in the fare and in the program as may be necessary in the interest of the University and the transportation service.

This action was taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

LEASE OF SPACE AT 704 SOUTH SIXTH STREET, CHAMPAIGN

(19) The University has been leasing the second floor of a two-story business building at 704 South Sixth Street, Champaign, continuously since 1948 and the first floor since 1954. The second floor has an area of approximately 5,500 square feet and is occupied by the Institute of Labor and Industrial Relations. The rental is \$408.33 per month or 89 cents per square foot per year. The leased space on the first floor is an area of approximately 2,200 square feet and has been occupied by the National Council of Teachers of English and the University Planning Office of the Physical Plant Department. The first floor rental is \$300 per month or \$1.64 per square foot per year. Both leases will expire August 31, 1961.

The Director of the Physical Plant and the Vice-President and Comptroller recommend renewal of these leases according to the following terms:

Lease of the entire second floor and the south one-half of the first floor for an additional two-year period beginning September 1, 1961, at the same rental rate, terms, and conditions as in the present lease.

Renewal of the lease of the entire second floor for an additional eight-year period beginning September 1, 1963, at a rental rate of \$1.00 per square foot per year but otherwise on the same terms and conditions as in the present lease.

Renewal of the lease of the south one-half of the first floor for an additional eight-year period beginning September 1, 1963, at the same rental rate of \$1.64 per square foot per year and on the same terms and conditions as in the present lease.

When the Institute moves into its new building, a portion of the space on the second floor will be used for the relocation of that part of the Architectural Division of the Physical Plant Department which is presently housed in a frame residence property at 1003 West Green Street and the remaining space will be used by the Audio-Visual Aids Service of the Division of University Extension. The house at 1003 West Green Street will eventually be removed to clear the land for construction of residence halls scheduled for occupancy in September, 1964.

Since the University can not enter into contracts extending beyond the current fiscal biennium, it will be necessary to make the lease arrangements through the University of Illinois Foundation. Rentals to be paid by the University to the Foundation have been included in the operating budget of the Physical Plant Department and the additional funds required for the increased rental commencing September 1, 1963, will be included in the future biennial budget estimates.

I recommend that the Board of Directors of the University of Illinois Foundation be asked to enter into the leases for the ten-year period indicated and to sublease the quarters to the University for the period ending June 30, 1963, with an option to renew.

On motion of Mr. Pogue, this recommendation was approved, and the lease was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

LEASE OF SPACE AT 601, 603, AND 605 EAST GREEN STREET, CHAMPAIGN

(20) The University has been leasing the entire second floors of the business buildings at 601, 603, 605, 607, 609, 611, and 613 East Green Street for the Audio-Visual Aids Service of the Division of University Extension. A fire on February 21, 1961, destroyed all the University leasehold improvements except for those at 611 and 613 East Green Street. Property owners at 607 and 609 East Green Street are not restoring the second floor space and therefore the leases of these properties have been terminated.

The properties at 601, 603, and 605 East Green Street are being restored and the owners are willing again to lease the second floor to the University. Restoration of this space without that formerly leased at 607 and 609 East Green Street will not be adequate for the Audio-Visual Aids Service and other provisions are being made to relocate its operations contiguous to 611 and 613 East Green Street.

Rental of the second floor at 601, 603, and 605 East Green Street will provide space for the relocation of those operations of the Architectural Division of the Physical Plant Department now housed on the second floor of the Administration Building (West) which in turn will release space needed in that building for offices. This move will also ultimately provide for consolidation of the Architectural Division's operations when the second floor at 704 South Sixth Street is vacated by the Institute of Labor and Industrial Relations and is made available to the Physical Plant Department.

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of the lease of the property at 601, 603, and 605 East Green Street at a rental of \$600 per month, or \$1.70 per square foot per year,¹ for approximately 4,200 square feet, for a ten-year period. The cost of heating will be paid by the owners. A nonrecurring appropriation of \$6,100 is also requested to provide for construction of a bridge connection at the second floor

¹ In comparing the rate of \$1.70 per square foot per year with rentals paid by the University on other properties leased in the Urbana-Champaign area these factors should be considered: An expenditure of \$31,000 for remodeling the quarters to meet the University's requirements amortization of which over a ten-year period is equivalent to 73 cents per square foot; the owners will pay for heating which is equivalent to an annual cost of approximately 15 cents per square foot. Deducting these factors the net rent to the owner is approximately 82 cents per square foot per year. The remodeling will be in addition to the repairs and restoration necessary as a result of the fire damage.

level with the space leased by the University at 704 South Sixth Street, and for the purchase and installation of lighting fixtures required by the University beyond those provided by the owners.

Since the University can not enter into contracts extending beyond the current fiscal biennium, it will be necessary to make the lease arrangements through the University of Illinois Foundation. Funds required for the annual rental and maintenance have been included in the operating budget of the Physical Plant Department.

I recommend that the Board of Directors of the University of Illinois Foundation be asked to enter into a lease for a ten-year period of the property of the second floor space at 601, 603, and 605 East Green Street for a period of ten years from September 1, 1961, at the rental indicated, and to sublease quarters to the University for the period ending June 30, 1963, with option to renew; and that an assignment of \$6,100 be made from the General Reserve Fund for the improvements required by the University.

On motion of Mrs. Watkins, this recommendation was approved, and the requested assignment of funds and the lease were authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner; not voting, Mr. Harewood.

EXCHANGE OF LAND AT CHICAGO PROFESSIONAL COLLEGES

(21) The site allocated by the Medical Center Commission for the new buildings of the Illinois Eye and Ear Infirmary is on the south side of West Taylor Street between Wood Street and Wolcott Avenue, and includes some land owned by the University (identified as Tract No. 388) which, however, is outside of the area now designated for University buildings. The Commission desires to acquire this parcel of land from the University and has offered to exchange for it land at the southwest corner of Winchester Avenue and West Polk Street which the Commission is acquiring. The University at present has all of the remaining properties on Polk Street from Damen Avenue east to this area. The parcel of land offered in exchange is slightly larger than the University tract which the Commission wishes to acquire.

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of this exchange.

On motion of Mr. Hughes, this exchange was authorized, subject to further approval of the Board by adoption of a formal resolution to implement the transfers of the properties. This action was taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

NONRECURRING APPROPRIATIONS

(22) The Vice-President and Comptroller recommends the following assignments from the General Reserve:

1. Department of Physical Education for Women, for clothing basket system to supplement present locker facilities.....	\$ 6 450
2. College of Liberal Arts and Sciences, air conditioning two rooms in Lincoln Hall for a language laboratory.....	5 000
3. Agricultural Experiment Station, for replacement of equipment, supplies lost in a fire, and damage to laboratory building at Dixon Springs Experiment Station	4 150
4. College of Veterinary Medicine, women's toilet and dressing room facilities in the Large Animal Clinic.....	3 670
5. Research and Educational Hospitals, remodeling orthopaedic quarters to provide for relocation of space for the Rehabilitation Center.....	5 000
6. Physical Plant Department Installation of new transformer and running new electric lines in Transportation Building	4 690

Replacement of ceiling and other repairs in cafeteria of Chicago Illini Union Building	18 000
Remodeling building at 512 East Chalmers Street, Champaign, for offices of College of Commerce and Business Administration.....	4 730
7. School of Music, for pianos.....	8 100
Total	\$59 790

I concur.

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACT FOR REMODELING IN FIRST UNIT OF DENTISTRY-MEDICINE-PHARMACY BUILDING

(23) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$3,975 to the Simpson Construction Company, Chicago, the lowest bidder, for remodeling in the Dentistry-Medicine-Pharmacy Building (first unit), to provide a research laboratory for the Department of Anatomy in a room formerly occupied by the Animal Hospital which is now housed in the Medical Research Laboratory.

Funds are available in a United States Public Health Service grant (USPHS 2G-604).

I concur.

On motion of Mr. Harewood, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACTS FOR CONSTRUCTION OF GASEOUS ELECTRONICS LABORATORY

(24) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts, as listed below, to the lowest bidders for the construction of a Gaseous Electronics Laboratory building at 607-609 East Healey Street, Champaign.

General Work — Casserly Construction Company, Champaign.....	\$ 79 370
Base Bid	\$80 145
Deductive Alternate: Omission of asphalt tile flooring for the mezzanine.....	775
Electrical — Square Deal Electrical Contracting, Inc., Urbana.....	26 500
Plumbing — David W. Reichard Plumbing and Heating, Urbana.....	13 700
Heating, Piping, Refrigeration, and Automatic Temperature Control Systems — F. R. Inskip and Company, Champaign.....	18 742
Ventilating and Distribution System for Conditioned Air — Reliable Plumbing and Heating Company, Champaign.....	16 834
Total Contracts	\$155 146

Funds for financing this project will come from:

Electrical Engineering, Indirect Costs.....	\$ 42 000
Research Board, Indirect Costs.....	30 000
General Indirect Costs.....	40 000
National Science Foundation Grant.....	60 000
Electrical Engineering, Indirect Costs, Jordan.....	15 000
	\$187 000

Confirmation of the grant from the National Science Foundation is pending. Should this grant not be available, an additional \$60,000 will be provided from the Department of Electrical Engineering's share of indirect costs.

Submitted herewith is a supporting memorandum from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, these contracts were awarded, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACT FOR SIDEWALKS AND PAVING IN GRADUATE STUDENT RESIDENCE HALLS AREA

(25) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$8,002.58 to Wascher Brothers Concrete Construction, Urbana, the lowest bidder, for the construction of sidewalks, paving, and minor general work in the Graduate Student Residence Halls (SG-2) area.

Funds are available in the construction account for this building, which is being financed by a revenue bond issue.

I concur.

On motion of Mr. Pogue, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACT FOR CONSULTING ARCHITECTURAL SERVICES

(26) The present contract authorized by the Board of Trustees with the architectural firm of Richardson, Severns, Scheeler, and Associates, Champaign, for consulting and architectural services, expired July 31, 1961. The Director of the Physical Plant and the Vice-President and Comptroller recommend continuation of the employment of this firm on a cost-plus basis for one year from August 1, 1961, on the following assignments as directed by the Physical Plant Department:

Campus Planning at Urbana-Champaign

1. Continuation of studies on the general campus development plan, including the development of detailed programs for the individual colleges.
2. Preliminary studies for further development in the area south of Florida Avenue.
3. Continuation of planning studies for development beyond 1961.
4. Continuation of studies on zoning.
5. Site selection studies for new building projects.
6. Participation in weekly planning meetings.

Estimated cost of services, \$35,000.

Planning at Chicago Professional Colleges

1. Continuation of studies on the campus development plan.
2. Further development of programs and studies on reassignment of space to the various colleges and departments.
3. Studies on projects to be financed from gifts or grants.

Estimated cost of services, \$12,000.

Estimated total cost, \$47,000.

The terms of employment will be the same as those under the present contract, on the basis of itemized payrolls plus 100 per cent for the firm's overhead costs and fees. The costs of these services will be charged against the appropriation for plans and specifications.

I concur.

On motion of Mr. Johnston, this contract was authorized.

BURSAR'S FUND AT THE FIRST NATIONAL BANK IN CHAMPAIGN

(27) For local banking services in Urbana-Champaign, an account is maintained in the First National Bank in Champaign for the Bursar to obtain currency and coin, to deposit local checks, and to make available financial services to University departments -- such as temporary petty cash funds, travel advances, and emergency payroll payments.

This account has gradually increased over the years to meet the growing needs of the University. In July, 1948, the Board authorized an increase in the fund from \$60,000 to \$100,000. The latter amount is now insufficient to meet current requirements and still maintain a balance in the bank account.

Accordingly, the Vice-President and Comptroller recommends that \$50,000 of the working cash fund, now held by the University Treasurer, be transferred to the Bursar's Fund on deposit in the First National Bank in Champaign, raising that fund to a total of \$150,000. The University is authorized by state law to retain in its treasury receipts to create the working cash fund.

I concur in this recommendation.

On motion of Mr. Swain, this recommendation was approved.

CHANGE IN POLICY GOVERNING UNIVERSITY INSURANCE

(28) The Vice-President and Comptroller recommends that the policy of the Board of Trustees governing the placement of University insurance adopted on January 13, 1949 (Minutes, page 200), on recommendation of the Finance Committee be amended by deletion of Section C II which reads:

"Fire and extended coverage on University risks shall be placed with stock and mutual companies at a ratio, as nearly as practicable, of 75-25 per cent respectively, except that individual risks which are under \$50,000 may be placed completely with either stock or mutual companies."

This provision is not consistent with the "Regulations Governing Procurement and Bidding at the University of Illinois," adopted by the Board in 1958, which require that purchases shall be made at the lowest possible cost, and stock and mutual companies are seldom equally low in bidding on University insurance.

The Executive Committee of the Board at a meeting held on July 25, 1961, approved this change but since it modifies a previous action of the Board, approval by the Board is also necessary.

On motion of Mr. Johnston, this amendment of the policy was unanimously approved.

JOHN WALLACE DALLENBACH FELLOWSHIP IN PSYCHOLOGY

(29) Dr. Karl M. Dallenbach of the Class of 1910, and Mrs. Dallenbach, of the Class of 1911, have established a fellowship fund in psychology at the University in memory of their son, John Wallace Dallenbach, who died in the service of his country on June 11, 1944. They propose to endow this fellowship with a capital fund of \$50,000; the first installment of \$10,000 was received in June, 1960, at the time the establishment of the fellowship was reported to the Board of Trustees.

They have now decided that they wish to make the gift to the University of Illinois Foundation, and in order to keep the fund as a unit, Dr. Dallenbach has requested that the \$10,000 installment given to the University be transferred to the Foundation to which the subsequent installments will be given. This transfer of funds will not affect the original purpose of the endowment.

Authorization to transfer the \$10,000 received in 1960, plus the interest earned on it to the date of transfer, is requested.

On motion of Mr. Hughes, the transfer of these funds to the Foundation was authorized.

PURCHASES

Purchases Authorized

(30) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase in each case was recommended on the basis of the lowest acceptable bid.

Chicago Colleges and Divisions

Item	Department	Vendor	Cost
Furnish and install 82 sections 36 x 10 x 7 ft. 6 in. steel bookstacks, single and double face, and 24 sections 36 x 9½ x 42 in. book shelf units	Library, Chicago Undergraduate Division	Equipto, Division of Aurora Equipment Co., Aurora	\$4 406 38 delivered and installed
Library furniture consisting of one charging desk, one catalog cabinet, one index table, one cumulative book index table, six two-shelf steel book trucks, four wood three-shelf book trucks, one section 39 in. hard-wood library double face shelving	Library, Chicago Undergraduate Division	Brodart-Industries, Newark, N.J. Sjostrom Co., Philadelphia, Pa. Gaylord Brothers, Syracuse, N.Y.	4 271 75 288 00 247 50 (4 807 23) delivered

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Photomicroscope with stand, tube head, diaphragm and other accessories	Digital Computer Laboratory	W. H. Kessel & Co., Chicago	\$4 957 30 f.o.b. delivered
Cyclotron time for a series of irradiation experiments to be conducted at Argonne National Laboratory by Professor J. S. Koehler, Department of Physics, and technicians of the Argonne National Laboratory, for irradiation damage studies sponsored by the Atomic Energy Commission	Physics	Argonne National Laboratory, Argonne	5 500 00 f.o.b. Argonne
Two 100-liter liquid helium storage vessels	Physics	Cryogenic Engineering Co., Denver, Colo.	3 053 06 f.o.b. delivered
Furnish and install, by August 15, 1961, one semi-automatic dishwasher 22 ft. long, consisting of a one-horse-power prewash, three-horse-power rinse and final rinse, and seven-foot unloading extension	Housing Division	Sidney Harrison Co., Peoria	10 987 40 f.o.b. delivered and installed
50 refrigerators, nine-cubic-foot capacity, white enamel finish, with non-automatic defrost, for delivery by August 15, 1961	Housing Division	Kelvinator Division, American Motors Sales Corp., Chicago	5 480 00 f.o.b. delivered
Lounge furniture for the new Student Union area of the Chicago Undergraduate Division consisting of: Section I—four study tables, 104 plastic chairs, 20 upholstered plastic arm chairs Section II—12 study tables, 19 lounge chairs, eight sofas, 13 lounge tables, three upholstered arm chairs	Physical Plant	Gilbert A. Force Co., Chicago	13 120 35 delivered and installed
One lot laboratory equipment	International Cooperation Administration Contracts	Fisher Scientific Co., New York, N.Y.	2 673 15 f.a.s. New York
One lot laboratory equipment	International Cooperation Administration Contracts	E. H. Sargent & Co., Chicago	4 907 26 f.a.s. New York

On motion of Mr. Clement, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Miscellaneous items of laboratory supplies and reagent chemicals, covering annual requirements for shelf stock and student kits	Chemistry, College of Pharmacy	Chicago Apparatus Co., Chicago	\$5 360 67 delivered
Eight standard orthogon trial lens sets, twelve lens cabinets, eight coil cords, and two transformers	Illinois Eye and Ear Infirmary	Austin-Belgard, Inc., Chicago Belgard-Spero, Inc., Chicago (Total delivered cost)	4 608 00 2 313 00 6 921 00
Porcelain denture teeth as requested by the Prosthodontics Clinic, from August, 1961, through June, 1962	Prosthodontics	Harry B. Price, Inc., Chicago	3 500 00 delivered
Fire alarm system equipment for extension of existing system	Physical Plant	Gamewell Co., Des Plaines	3 600 83 delivered
Portable electrophoresis apparatus and accessories	Biochemistry	American Instrument Co., Inc., Chicago	6 929 00 f.o.b. Silver Spring
One photomicroscope and accessories	Medicine and Surgery	W. H. Kessel & Co., Chicago	5 460 30 delivered

Urbana-Champaign Departments

Item	Department	Vendor	Cost
One direct writing six-channel oscillograph recorder assembly with two separate event markers with bin for adaptability to eight channels, sensitivity 10 microvolts/cm to 50 volts/cm, maximum power requirement of 200 watts, equipped for curvilinear ink writing and heated stylus rectilinear recording	Agricultural Engineering	Offner Electronics, Inc., c/o Pivan Engineering Co., Indianapolis, Ind.	\$6 942 50 f.o.b. Schiller Park
210 tons wheat straw	Animal Science	Ray Snyder, Lincoln	3 150 00 f.o.b. delivered
One aircraft two-way radio consisting of: one twin-pac transmitter and receiver, two receivers, one transmitter, two converters, two indicators, three power supplies, three shock mounts, one three-light marker adapter, one omnenna, and one broadband antenna	Institute of Aviation	Mid-States Aviation Corp., Northbrook	3 171 00 f.o.b. delivered
One photomicroscope and accessories	Botany	W. H. Kessel & Co., Chicago	5 606 30 f.o.b. delivered
One completely transistorized liquid scintillation spectrometer with automatic sample changer for counting beta-emitting isotopes	Chemistry and Chemical Engineering	Packard Instrument Co., Inc., La Grange	12 535 00 f.o.b. delivered
One ultraviolet-visible automatic recording spectrophotometer	Chemistry and Chemical Engineering	E. H. Sargent & Co., Chicago	4 355 00 f.o.b. delivered
One hydraulic press, 500-ton capacity, research precision type, 6-in. stroke, 20-in. opening, with provisions to move ram as little as 0.0001 in. at a time, 208-volt, 60-cycle and electrical controls	Chemistry and Chemical Engineering	Elmes and Kling Manufacturing Co., Cincinnati, Ohio	11 135 00 f.o.b. delivered
One spectrophotometer, quartz optics, range 200 Mu to 2500 Mu, 75 cm. optical bench, with lamps, sample changer and accessories	Chemistry and Chemical Engineering	W. H. Kessel & Co., Chicago	4 973 00 f.o.b. delivered
Two spectrophotometers, ultraviolet-visible automatic recording, 200-700 Mu, band width 5 and 50 angstroms, accuracy ± 0.5 Mu, 115 volt 60 cycles	Chemistry and Chemical Engineering	National Spectrographic Laboratories, Cleveland, Ohio	8 710 00 f.o.b. delivered
One recording gamma spectrometer system with scaler, high voltage power supply, linear recorder and well scintillation counter	Civil Engineering (Sanitary)	Nuclear Measurements Corp., Indianapolis, Ind.	4 149 00 f.o.b. delivered
60 ultra high vacuum valves and 30 complete driver assemblies	Coordinated Science Laboratory	Granville-Phillips Co., Pullman, Wash.	8 057 50 f.o.b. delivered
One computer system, high speed digital, transistorized, with word length 48 bit, six index registers, six input-output channels, paper tape input-output, four magnetic tape units, and standard accessories, and including a training service contract for the computer system for one year following acceptance	Coordinated Science Laboratory	Control Data Corp., Minneapolis, Minn.	817 355 00 f.o.b. delivered and installed
One low background automatic scanner	Dairy Science	Vanguard Instrument Co., La Grange	2 600 00 f.o.b. delivered
One polarizing microscope with standard optical accessories and camera attachment	School of Life Sciences	Brinkmann Instruments, Inc., Great Neck, Long Island, N.Y.	3 675 30 f.o.b. delivered
One recording spectrophotometer for precision measurements of absorption spectra of light scattering suspensions of algae	School of Life Sciences	Chicago Apparatus Co., Chicago	4 995 00 f.o.b. delivered
Amino acid analyzer with preparative column and stream divider accessory	Microbiology	Spinco Division, Beckman Instruments, Inc., Lincolnwood	15 823 00 f.o.b. delivered

Item	Department	Vendor	Cost
One electron microscope, 50 kv.-100 kv., with double condenser lens, ten Angstrom Units or better resolution, selected area diffraction, hot and cold storage, magnification continuously variable from 200 times to 250,000 times, stressing device for metallic specimens, intermediate viewing screen, ability to change pole pieces without breaking vacuum and stereoscopic viewing with external adjustment	Mining, Metallurgy, and Petroleum Engineering	Erb & Gray Scientific, Inc., Oak Park	\$34 950 00 f.o.b. delivered
20 type 6655A phototubes selected to have at least median sensitivity and at most median noise	Physics	Radio Corp. of America, Lancaster, Pa.	3 180 00 f.o.b. delivered
12 type 6810A phototubes selected for luminous intensity 2000-3000 amps/lumen; current amplification 28×10^6 , signal to noise ratio 34dB or better			
One ultrasonic attenuation comparator, 5 m.c. to 200 m.c., internally powered and with oscilloscope screen on front panel	Physics	Sperry Products Co., Danbury, Conn.	7 230 00 f.o.b. delivered
One broadband receiver 1 to 10 m.c./sec.			
One pulse comparator 1-200 m.c./sec.			
One automatic film scanning system consisting of three projectors and lenses for three 100 to 400 foot rolls of 35, 50, or 70 mm. film, push button controls for forward or reverse, capable of moving all three films simultaneously and in synchronism, or any pair of films, or any one film, speeds continuously variable from 1 cm. every 4 seconds up to 100 ft. in a few minutes, and capable of taking either perforated or unperforated film	Physics	Officine Prevost, Milano, Italy	2 678 00 f.o.b. Genoa, Italy
License fee for two-hour videotape television programs entitled "The Play of the Week"	Television-Motion Pictures	National Telefilm Associates, Inc., New York, N.Y.	6 000 00 f.o.b. shipping point
17 second series, maximum number of runs two			
Three first series, one run only per program			
50,000 copies <i>High School Mathematics</i> , Units 1 through 4, students' edition, 8 1/2 x 11, approximately 708 pages per copy	University Press	Howard W. Sams & Co., Inc., Indianapolis, Ind.	67 592 00 f.o.b. delivered
One centrifuge, automatic superspeed refrigerated, with continuous flow attachment	Veterinary Medicine	Ivan Sorvall, Inc., Norwalk, Conn.	4 109 80 f.o.b. delivered
0 miscellaneous 16-mm. films, color and black and white	Visual Aids Service	Coronet Films, Chicago	7 992 50 f.o.b. delivered
1 miscellaneous 16-mm. films, color and black and white	Visual Aids Service	Encyclopaedia Britannica Films, Inc., Wilmette	5 152 05 f.o.b. delivered
5 miscellaneous 16-mm. films, color and black and white	Visual Aids Service	International Film Bureau, Inc., Chicago	11 100 00 f.o.b. delivered
7, 16-mm. films	Visual Aids Service	Contemporary Films, Inc., Evanston	2 770 00 f.o.b. Urbana
1 miscellaneous 16-mm. films, color and black and white	Visual Aids Service	McGraw-Hill Book Co., Inc., New York, N.Y.	6 763 99 f.o.b. delivered
1 replacement films, 16 mm., color and black and white	Visual Aids Service	Encyclopaedia Britannica Films, Wilmette	6 266 25 f.o.b. delivered
1 replacement films, 16 mm., color and black and white	Visual Aids Service	Coronet Films, Chicago	3 928 75 f.o.b. delivered
One 16 mm. professional movie camera with matte box, portable dry cell battery pack, f/1.9 lens, f/2.8 lens, tripod, color-tru converter, microreflector, motor grips, light shield, socket and cord set, variable speed motor, plus repair service for a period of two years	Zoology	Behrend Cine Corp., Chicago	2 627 65 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One spectrophotometer, one cork boring machine, and 200 feet of red rubber vacuum tubing	General Chemical Stores	E. H. Sargent & Co., Chicago	\$ 3 150 00 f.o.b. delivered
30 natural gas fired, forced hot air furnaces, 100,000 BTU input capacity to be furnished and installed in the Florida Avenue staff houses, less credit for trade-in of 30 oil fired, forced hot air furnaces	Housing Division	Nogie & Black, Inc., Champaign	6 510 00 f.o.b. delivered and installed
1,000 steel folding chairs for Orchard Downs Food Service Building	Housing Division	S. Buckman Furniture & Supply Co., Spring Valley	3 150 00 f.o.b. delivered
White offset paper: 22½ in. x 35 in. 120 reams 50 lb. 250 reams 60 lb. 400 reams 70 lb.	Office Supply Store	Bradner Smith & Co., Chicago	22 972 49 f.o.b. delivered
25 in. x 38 in. 80 reams 60 lb. 160 reams 70 lb.			
8½ in. x 11 in. 10,000 reams 50 lb. 5,000 reams 60 lb. 2,500 reams 70 lb.			
To be shipped in two equal shipments, September, 1961, and January, 1962			
700,000 examination books in the following sizes: 200,000 sixteen pages 300,000 eight pages 200,000 four pages This is a one-year supply.	Office Supply Store	Morton Printing Co., Pontiac	8 114 00 f.o.b. delivered
Writing paper pads, 16 lb., 100 sheets per pad: 50 gross — 8½ in. x 11 in., white, ruled 50 gross — 8½ in. x 11 in., canary, ruled 5,000 lbs. — 8½ in. x 11 in., not ruled, canary	Office Supply Store	W. M. Putnam Co., Bloomington	3 116 02 f.o.b. delivered
600 cases paper napkins Five cases waxed paper 90,000 sandwich bags	Office Supply Store	Bush Brothers, Inc., Champaign	7 526 00 f.o.b. delivered
One printing press, automatic cylinder type, size 22 in. x 30¼ in. sheet size, for high type, wet and dry spray attachment, 220-volt 3 p., 60 cycle; less trade-in of one Babcock Optimus Press	Print Shop	Heidelberg Eastern, Inc., Glendale, N.Y.	16 850 00 f.o.b. delivered
2,780 ft., 3-in. cast iron, slip-joint water main pipe plus necessary fittings, valves, and hydrants for a complete water line installation	Robert Allerton Park	Wilkins-Bloomington Co., Bloomington	3 166 41 f.o.b. delivered
Approximately 3,000 gallons road oil, 13,000 gallons asphalt, and 570 tons aggregate rock to be furnished and applied to University-maintained streets and roads	Physical Plant	Parro Construction Co., Urbana	5 670 00 f.o.b. delivered
1,000 bd. ft. 1 in. B and Better clear sugar pine 1,000 bd. ft. 1½ in. B and Better clear sugar pine 2,000 bd. ft. 2 in. B and Better clear sugar pine 1,000 bd. ft. 1½ in. B and Better select, rough northern 2,000 bd. ft. 2 in. white pine (Pinus Strobus)	Physical Plant	Forster Lumber Division, Milwaukee, Wis.	2 515 00 f.o.b. delivered
Large lamps (incandescent, fluorescent, mercury) Photographic lamps (projection, photo-flash, exciter) To be ordered as required for the Urbana campus and Chicago Professional Colleges during the period August 14, 1961, through June 30, 1963	Physical Plant	B & M Electrical Distributing Co., Rock Island (Large lamps) Crescent Electric Supply Co., Peoria (Photographic lamps)	104 203 20 9 664 00 (113 867 20)
A collection of seven early and rare books to be used in the research of Professor Harris Fletcher	Library	C. A. Stonehill, Inc., New Haven, Conn.	6 700 00

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One very low frequency mutual inductance bridge using vacuum tube; operating frequency 17 cycles; modular design, replaceable filter and signal generator; changeable balancing module; sensitivity 2×10^{-4} microhenry; measuring field less than one gauss; accuracy better than 0.01 per cent; accurate reproducibility obtained by ability to switch in standard mutual inductance; self-contained power supplies	Physics	Malaker Laboratories, Inc., Mountainside, N.J.	\$2 995 00 f.o.b. shipping point

On motion of Mr. Clement, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(31) The Comptroller's report of contracts executed during the period June 1 to July 15, 1961.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Illinois Department of Conservation	Fisheries research studies	\$ 32 500 00	June 1, 1961
Illinois State Library	Rural library development	35 000 00	June 9, 1961
Lumber Dealers Research Council	Investigate design and construction of sectionalized houses	6 625 00	June 19, 1961
Pozzolan Products Co., Inc.	Lime-pozzolan mixtures and lime stabilization of soils	3 125 00	July 6, 1961
Procter & Gamble Co.	Use of fatty alcohols to reduce transpiration and evaporation in plants	13 110 00	June 13, 1961
United States Air Force AF11(M2)-3052	On-base instruction	10 000 00	June 30, 1961
United States Air Force AF29(601)-4508	Analysis and design of domes, arches, and shells	50 000 00	May 1, 1961
United States Army DA-46-039-SC-87232	Fundamental properties of high density gaseous plasmas	61 333 00	May 15, 1961
United States Atomic Energy Commission AT(11-1)-1035	Causes of erythrocyte auto-mosaicism	70 000 00	June 13, 1961
United States Atomic Energy Commission AT(11-1)-1046	Fatigue behavior of dilute nitrogen	27 581 00	June 1, 1961
United States Atomic Energy Commission AT(11-1)-1056	Unclassified resonance studies on paramagnetic crystals	66 482 00	June 1, 1961
United States Navy N-600(22)57066	Books, supplies, and equipment necessary for education and training of Naval students	1 500 00	June 29, 1961
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Able's Attorney of Mendotte County	Payment, in lieu of taxes, for services rendered (Hackett)	\$ 886 64	July 7, 1961
Able's Attorney of Platt County	Payment, in lieu of taxes, for services rendered (Allerton and Warren)	12 243 25	June 8, 1961

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Missouri Avenue Realty Co. (renewal)	Rental of property at 338 Missouri Ave., East St. Louis, from July 1, 1961, to June 30, 1963, for use by Extension Division	\$ 948 00 (39.50 per month)	July 1, 1961
Logan Home Savings Association (renewal)	Rental of property at 400 S. Grand Avenue West, Springfield, from July 1, 1961, to June 30, 1963, for use by Extension Division	1 440 00 (60.00 per month)	July 1, 1961
State of Illinois, Department of Finance (renewal)	Rental of room 416 at 160 N. LaSalle Street, Chicago, from July 1, 1961, to June 30, 1963, for use by College of Agriculture	3 960 00 (165.00 per month)	July 1, 1961

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
B. A. Strauch (renewal)	Rental of second floor of property at 707-709 S. Wright, Champaign, from July 1, 1961, to June 30, 1962, for use by Physical Plant Department	\$ 2 400 00 (200.00 per month)	July 1, 1961
University of Illinois Foundation (renewal)	Rental of Maxwell Farm from July 1, 1961, to June 30, 1963	6 800 00 (1,700.00 semi-annually)	July 1, 1961
University of Illinois Foundation (renewal)	Rental of property at 20 E. Armory, Champaign, from July 1, 1961, to June 30, 1963	3 300 00 (825.00 semi-annually)	July 1, 1961
University of Illinois Foundation (renewal)	Rental of Newton Farm from July 1, 1961, to June 30, 1963	6 620 00 (1,655.00 semi-annually)	July 1, 1961
University of Illinois Foundation (renewal)	Rental of Pell Farm from July 1, 1961, to June 30, 1963	5 340 00 (1,335.00 semi-annually)	July 1, 1961
University of Illinois Foundation (renewal)	Rental of property at 1112 W. Main Street, Urbana, from July 1, 1961, to June 30, 1963	1 400 00 (350.00 semi-annually)	July 1, 1961
University of Illinois Foundation (renewal)	Rental of property at 805 W. Pennsylvania Avenue, Urbana, from July 1, 1961, to June 30, 1963	4 450 00 (1,112.50 semi-annually)	July 1, 1961
University of Illinois Foundation (renewal)	Rental of Temple Farm from July 1, 1961, to June 30, 1963	7 200 00 (1,800.00 semi-annually)	July 1, 1961
University of Illinois Foundation (renewal)	Rental of Troutman Farm from July 1, 1961, to June 30, 1963	6 400 00 (1,600.00 semi-annually)	July 1, 1961
University of Illinois Foundation (renewal)	Rental of property at 1101 and 1302 W. Springfield Avenue, Urbana, from July 1, 1961, to June 30, 1963	2 600 00 (650.00 semi-annually)	July 1, 1961
G. E. Wisegarver	Rental of property in Creek Township, DeWitt County, from May 16, 1961, to June 30, 1961, for use by Illinois State Water Survey	37 50 (25.00 per month)	June 16, 1961

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Cyanamid Co.	Systemic insecticides for control of insects on wheat	\$ 1 000 00	May 15, 1961
American Iron and Steel Institute	Welded wire fabric for reinforced concrete	3 500 00	June 7, 1961
Association of American Railroads	Performance of filter materials in subdrains	2 800 00	March 22, 1961
Gregory Industries, Inc.	Fatigue of members with welded studs	2 500 00	June 21, 1961
Illinois Farm Supply Co.	Improvement of farm tractor maintenance	15 000 00	May 24, 1961
Moorman Manufacturing Co.	Nutritional quality of pig starter rations	2 600 00	June 23, 1961
State of Illinois Department of Public Welfare Project 1766	Educability of psycholinguistic functions in young retarded children	20 901 00	June 5, 1961
United States Air Force AF19(604)-7411	Basic physics of shock wave phenomena	100 882 00	May 12, 1961
United States Air Force AF40(600)-909	Determine pressure in an ultra-high vacuum chamber	49 900 00	June 15, 1961
United States Air Force AF49(638)-212	Metallic properties of titanate semiconductors	6 372 79	May 19, 1961
United States Air Force AF49(638)-417	Diffusion in semiconductors and related problems	178 593 00	May 25, 1961
United States Air Force AF49(638)-880	Diffusion and imperfections in metals	2 480 00	May 19, 1961
United States Army DA-11-022-ORD-2956	Polymers for use in high temperatures	14 037 20	June 2, 1961
United States Army DA-11-070-ORD-593	Launcher dynamics and rocket launcher design	36 406 00	June 15, 1961
United States Army DA-49-007-MD-421	Transmission of the common cold under controlled conditions	17 400 00	May 1, 1961
United States Army DA-49-007-MD-562	Experimental investigations in medicine	4 400 00	May 1, 1961

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Army DA-49-007-MD-794	Carcinogenicity of foods preserved by radiation	\$ 4 900 00	May 1, 1961
United States Army DA-49-007-MD-794	Carcinogenicity of foods preserved by radiation	12 000 00	April 25, 1961
United States Army DA-49-007-MD-877	Context effects in psychophysical judgments	4 216 00	May 31, 1961
United States Army DA-49-193-MD-2133	Biochemistry of the inhibitory or receptor-like substances with which influenza viruses react	1 303 00	April 24, 1961
United States Atomic Energy Commission AT(11-1)-67 Project 5	Atomic energy research and development	6 675 00	June 6, 1961
United States Atomic Energy Commission AT(11-1)-758	Basic research relating to atomic energy	18 457 00	June 9, 1961
United States Atomic Energy Commission AT(11-1)-790	Ribonucleic acid in the accumulation of ions by plant cells	18 000 00	June 9, 1961
United States Atomic Energy Commission AT(11-1)-813	Atomic energy research and development	6 334 00	June 9, 1961
United States Atomic Energy Commission AT(11-1)-903	Mechanism of biologically catalysed reactions and the metabolites and pathways in which they function	24 000 00	June 13, 1961
United States Atomic Energy Commission AT(11-1)-915	Crystallization of lead titanate from glasses in the PbO-TiO ₂ -SiO ₂ -Al ₂ O ₃ system	53 000 00	June 13, 1961
United States Navy Nour-1834(12)	Properties of insulating solids	24 000 00	March 2, 1961
VieBin Corp.	Value of wheat germ oil in physical fitness programs	4 800 00	December 17, 1960

Adjustments Made in 1960-61 Cost Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Seventy-three items: \$83.64 deduct to \$1,093.00	\$ 3 083 71	May and June, 1961

This report was received for record.

SEPTEMBER MEETING

On motion of Mr. Johnston, the Board unanimously voted to hold the regular September meeting at the Chicago Undergraduate Division, Navy Pier, Chicago, Illinois, on Thursday, September 21, 1961, according to a schedule to be determined by the President and Secretary of the Board.

NEW CHICAGO CAMPUS PLANS

President Henry announced that there will be a public presentation of the plans for the University's new campus in Chicago, on Thursday, September 14, 1961. Mr. C. E. Flynn, Assistant to the President and Director of Public Information, reported briefly on the plans for this presentation, stating that it will be a luncheon program in the Bal Tabarin of the Hotel Sherman. The University of Illinois Foundation is providing the funds for the luncheon and certain other costs of this presentation.

STATUS OF DR. ANDREW C. IVY

(32) Dr. Andrew C. Ivy, Distinguished Professor of Physiology and Head of the Department of Clinical Science in the College of Medicine, having reached the statutory age of retirement this year, has formally requested that he be continued in active service for one year from September 1, 1961, as Head of the Department, at his present salary; or that if he is retired, he be permitted to continue as Head of the Department of Clinical Science for one year from September 1, 1961, and that laboratory facilities and funds for his research programs, including salaries of some of the present staff of the Department, be provided. The College of Medicine Executive Committee has previously recommended, the Chicago Profes-

sional Colleges Senate concurring, that the Department of Clinical Science be discontinued upon Dr. Ivy's retirement so that the space it has been occupying and the other facilities it has been using can be assigned to other departments of the College. This recommendation is reflected in the College budget for 1961-62 in that no provision for the Department is included and its staff is assigned to other departments. Dr. Ivy's request has now received due consideration by the Executive Committee of the College of Medicine and the appropriate University officials having administrative responsibility for the decision in such matters.

At this point, Dr. George W. Crane and Dr. John F. Pick appeared before the Board, having previously requested and having been granted this opportunity, and presented statements in support of Dr. Ivy's request.

President Henry presented a formal statement which he prepared for the information of the Trustees concerning Dr. Ivy's request and in anticipation that it would be brought to the attention of the Board in this public fashion. The President's statement follows:

**Memorandum for the Information of Members of the Board of Trustees
of the University of Illinois**

At a meeting of the Executive Committee of the Board of Trustees held on July 25, 1961, in an executive session on personnel matters, the Vice-President and Provost reported upon developments relative to the scheduled retirement of Dr. Andrew C. Ivy, Head of the Department of Clinical Science in the College of Medicine. Since Dr. Ivy had reached age sixty-eight, under the provisions of the University Retirement System of Illinois his retirement would be mandatory on August 31, 1961, unless an exception were to be granted in accordance with provisions of the Act governing the University Retirement System of Illinois.¹ The College of Medicine had expected that Dr. Ivy would retire and had prepared its budget requests for 1961-62 accordingly. Under these recommendations, Dr. Ivy would become Distinguished Professor of Physiology, *Emeritus*, in the Department of Physiology, and the Department of Clinical Science would be discontinued, such functions as remain being transferred to other departments of the College.

In a letter addressed to Vice-President Begando of the Chicago Professional Colleges on July 18, 1961, Dr. Ivy presented the following requests: (a) "That the Department of Clinical Science be continued for one year from September 1, 1961, through August 31, 1962, and that the 'necessary facilities now had and needed' be provided"; (b) that a budget for the Department of Clinical Science be provided in the amount either of \$21,601 (including \$1.00 for Dr. Ivy's salary plus his retirement annuity) or of \$40,101 (including Dr. Ivy's full salary of \$18,500). After some discussion, it was agreed by the Executive Committee of the Board that Dr. Ivy's letter should be referred to the Executive Committee of the College of Medicine for consideration, and that the latter Committee's recommendations concerning Dr. Ivy's requests should be reviewed by the appropriate administrative officers in relation to the budget requests submitted by the College of Medicine.

Vice-President Begando referred Dr. Ivy's letter to Associate Dean D. J. Caseley of the College of Medicine (acting in Dean Granville A. Bennett's absence), with the request that it be considered by the Executive Committee of that College and that recommendations be made concerning Dr. Ivy's requests. At a meeting held on July 28, 1961, the Executive Committee of the College of Medicine voted unanimously to reaffirm its earlier recommendation of April 14, 1961, that the Department of Clinical Science be discontinued as of August 31, 1961. (It should be noted that the Executive Committee's action of April 14, 1961, had been approved by the Senate of the Chicago Professional Colleges on June 7, 1961.)

The action of the Executive Committee of the College of Medicine was reported to me in a letter dated August 1, 1961, from Vice-President Begando, who concurred in the recommendation. The Vice-President and Provost of the

¹ "Any Participating Employee shall be retired no later than the first day of September immediately following his 68th birthday; provided, that upon the written request of the Employee and upon certification of the Employer, in exceptional cases and for substantial cause, retirement shall be deferred for a period not to exceed 1 year at any one time."

University then reviewed the requests of Dr. Ivy together with the recommendation concerning them made by the Executive Committee of the College of Medicine. After careful consideration, the Vice-President and Provost recommended approval of the budget as originally submitted by the College of Medicine for 1961-62, including the discontinuation of the Department of Clinical Science and the reallocation to other departments of the funds and space formerly allotted to that Department. He concurred also in the recommendation that Dr. Ivy be appointed Distinguished Professor of Physiology, *Emeritus*, in the Department of Physiology of the College of Medicine, effective September 1, 1961.

I concur in these recommendations, and they are reflected in the budgets submitted to the Board of Trustees for adoption at its meeting on August 10, 1961.

In considering these recommendations concerning Dr. Ivy, I have taken into account the policy of the University of Illinois to meet as fully as resources permit the needs of professors *emeriti* for facilities and funds with which to continue their scholarly work although retired from active service. The acute shortage of space—especially research laboratory space—makes it virtually impossible to provide professors *emeriti* all of the facilities used before retirement. Similar limitations apply to other forms of support. Nevertheless, the University makes a strong effort to assist retiring faculty members to continue significant research projects, consistent with its obligations to students and to members of the faculty in active status.

By way of further comment upon the foregoing recommendations concerning Dr. Ivy, I call to the attention of the Board of Trustees the action taken by the Seventy-second General Assembly of Illinois in adopting House Joint Resolution No. 53. In part this resolution recommended: "... that the proponent of Krebiozen, Dr. Andrew C. Ivy, Distinguished Professor of Physiology and Head of the Clinical Science Department, College of Medicine, University of Illinois, shall continue to be Head of the Clinical Science Department and to be further provided with the necessary facilities now had and needed to further the research and testing of the drug Krebiozen in the management and control of cancer in the patient."

This resolution and other communications received on behalf of Dr. Ivy's continuance in active service assume that the University of Illinois has provided continuing support for Dr. Ivy's investigations of the substance Krebiozen as a treatment for cancer, and that his anticipated retirement on August 31, 1961, will cause this support to be terminated. This assumption is in error, since the use of the resources of the University of Illinois for research or clinical use of Krebiozen has been prohibited since November 28, 1952. (See the Minutes of the meeting of the Board of Trustees of the University of Illinois, November 28, 1952, pages 478-480.) The then President of the University announced to the Board of Trustees on November 28, 1952, that in the light of the failure of Dr. Ivy to meet specified conditions stipulated by the Board of Trustees on September 24, 1952, "That there is to be no allowance of time, funds, space, equipment, patients or printing in behalf of any staff member of the University of Illinois for the clinical utilization of Krebiozen and that Krebiozen henceforth is to be dissociated from research or service programs." (At its meeting on September 24, 1952, the Board of Trustees had approved the recommendations of the Research Validation Committee and of the President of the University concerning the conditions to be met if further University resources were to be used in the study of the effects of Krebiozen as a treatment for cancer.)

Dr. Ivy did not meet the conditions established for the continuation or resumption of the investigation of Krebiozen at the University of Illinois, and he has not requested further support from the University for such studies. So far as the administrative officers of the University are aware, no further studies of Krebiozen involving the use of University facilities, have been conducted by Dr. Ivy in his capacity as a member of the faculty of the College of Medicine and as Head of the Department of Clinical Science in that College. Hence Dr. Ivy's retirement as Head of the Department of Clinical Science would not disrupt any research on Krebiozen insofar as the University of Illinois is concerned. Presumably, Dr. Ivy requested the deferment of his retirement in order that he might continue his investigations on other subjects, and insofar as resources permit and in accord with its general policy in such matters, the University will assist him in

the continuation of such work. The Vice-President in charge of the Professional Colleges will so inform Dr. Ivy.

This report was received for record, no formal action being required.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) declinations and resignations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

- ALPERT, NORMAN R., Associate Professor of Physiology and Coordinator of Medical Education for National Defense (Medicine), two months from July 1, 1961, \$2,412; this is in addition to his present appointment (7-19-61).
- ALTSTETTER, CARL J., Assistant Professor of Physical Metallurgy (C), two months from June 16, 1961, \$800 a month; this is in addition to his present appointment (6-24-61).
- ANDERSON, TRUMAN O., Instructor in Medicine (Medicine), July 1, 1961-August 31, 1962, \$8,000 a year (6-16-61).
- APPLEQUIST, DOUGLAS E., Research Assistant Professor of Chemistry, two months from June 16, 1961, \$922.50 a month; this is in addition to his present appointment (6-16-61).
- ARCHER, MARK J., Resident Manager, Gregory Drive Residence Halls, June 16-August 31, 1961, \$300 a month (6-24-61).
- ASCH, WALTER B., Instructor in History (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$1,023 for the period, supersedes previous Summer Session appointment (7-18-61).
- AXEL, PETER, Professor of Physics, August 16-31, 1961, \$1,122 a month (6-30-61).
- BABLER, BERNARD J., Professor of Chemistry (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$2,356 for the period (7-18-61).
- BAILEY, JAMES L., Assistant Professor of Music, Summer Session of 1961, $\frac{3}{4}$ time, June 19-August 12, 1961, \$1,200 for the period (6-30-61).
- BAKER, ROBERT J., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1961, \$433.33 a month (6-12-61).
- BAKONY, HEDWIG C., Clinical Instructor in Psychiatry (Medicine), two months from July 1, 1961, without salary, supersedes salaried appointment (6-5-61).
- BALLINGER, JAMES S., Visiting Lecturer in Summer Session Youth Music, June 25-July 22, 1961, \$880 for the period (6-16-61).
- BARTHEL, HAROLD O., Research Associate Professor of Aeronautical Engineering (C), two months from June 16, 1961, \$1,044.44 a month; this is in addition to his present appointment (6-9-61).
- BARTON, HELEN M., Professor of Physical Education for Women (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$2,045 for the period, supersedes previous Summer Session appointment (7-18-61).
- BASS, ALAN R., Research Assistant in Psychology, June 16-August 31, 1961, \$422.22 a month, supersedes (6-16-61).
- BATEMAN, PAUL T., Professor of Mathematics, two months from June 16, 1961, \$1,555.55 a month; this is in addition to his present appointment (6-16-61).
- BATES, ROBERT B., Research Associate in Chemistry, two months from July 1, 1961, \$745 a month; this is in addition to his present appointment (7-18-61).
- BEAK, PETER, Visiting Lecturer in Chemistry, Summer Session of 1961, June 19-August 12, 1961, \$1,400 for the period (6-15-61).
- BEBERMAN, MAX, Professor of Mathematics, August 14-September 10, 1961, \$1,819; this is in addition to his present appointment (6-24-61).
- BECK, ROBERT C., Visiting Assistant Professor of Psychology, Summer Session of 1961, June 19-August 12, 1961, \$1,734 for the period (6-15-61).
- BELFORD, R. LYNN, Research Assistant Professor of Chemistry, two months from June 16, 1961, \$822.50 a month; this is in addition to his present appointment (6-16-61).

- BERGERON, CLIFTON G., Research Associate in Ceramic Engineering (S), June 1-17, 1961, \$791.66 a month, supersedes (6-6-61); and Research Assistant Professor of Ceramic Engineering (S), June 18-August 31, 1961, \$875 a month (6-19-61).
- BERRAFATO, PETER R., Assistant Professor of Physical Education for Men (Chicago Undergraduate Division), Summer Session of 1961, $\frac{3}{4}$ time, June 23-August 18, 1961, \$1,267 for the period, supersedes previous Summer Session appointment (7-18-61).
- BERRY, EDWARD S., Instructor in Summer Session Youth Music, $\frac{4}{5}$ time, June 18-July 15, 1961, \$557 for the period (6-20-61).
- BEVAN, MARIE, Assistant to the Dean of Women, one month from July 1, 1961, \$400; for the convenience of the University she will also receive room and board valued at \$31 a month (6-15-61).
- BIRCH, JOHN W., Instructor in Economics, Summer Session of 1961, June 19-August 12, 1961, \$1,500 for the period (6-15-61).
- BIERSTEDT, AKE, Visiting Research Associate in Psychology, three months from June 16, 1961, \$700 a month (7-3-61).
- BLACK, LINDSAY M., Professor of Botany, two months from June 16, 1961, \$1,522.22 a month; this is in addition to his present appointment (6-16-61).
- BLUM, ALAN F., Instructor in Social Sciences (Chicago Undergraduate Division), Summer Session of 1961, $\frac{1}{2}$ time, June 23-September 8, 1961, \$623, and $\frac{1}{2}$ time, June 23-August 18, 1961, \$623, total salary \$1,246 for the period, supersedes previous Summer Session appointment (7-18-61).
- BOARDMAN, EUNICE L., Instructor in Child Development, on $\frac{1}{4}$ time, and in Home Economics, on $\frac{1}{4}$ time, Summer Session of 1961, June 19-August 12, 1961, \$712 for the period (6-15-61).
- BONNEY, WARREN C., Visiting Lecturer in Education, nine months from September 16, 1961, \$9,500 (6-24-61).
- BOWMAN, JOHN D., Instructor in Economics, academic year beginning September 1, 1961, \$7,200 (6-24-61).
- BRADLEY, WAYNE E., Research Assistant in the State Water Survey, July 1, 1961-June 30, 1962, \$6,000 a year (6-24-61).
- BRADY, ULLMAN E., JR., Research Assistant in Entomology, two months from June 16, 1961, \$445 a month, supersedes (7-18-61).
- BRILEY, BRUCE E., Research Assistant in the Digital Computer Laboratory, June 16-July 15, 1961, and August 1-September 15, 1961, \$466.66 a month (6-24-61).
- BRITTON, JOHN L., Visiting Assistant Professor of Mathematics, Summer Session of 1961, $\frac{1}{2}$ time, June 19-August 12, 1961, \$834 for the period (6-30-61).
- BROWN, O. ROBERT, JR., Research Assistant in Education (University High School), June 19-August 12, 1961, \$1,067 (6-30-61).
- BROWN, THEODORE L., Research Assistant Professor of Chemistry, two months from June 16, 1961, \$845 a month; this is in addition to his present appointment (7-18-61).
- BUCK, CLAYTON, Research Assistant in Microbiology, four months from May 1, 1961, \$475 a month (6-16-61).
- BUCKLES, ROBERT E., Visiting Lecturer in Chemistry, Summer Session of 1961, June 19-August 12, 1961, \$2,100 for the period (6-20-61).
- BUNDY, MARY L., Research Assistant Professor and Director of Library Research Center, in the Graduate School of Library Science, one year from July 1, 1961, \$9,500 (7-5-61).
- BURRIGHT, RICHARD G., Research Assistant in Psychology, two months from June 16, 1961, \$422.22 a month (6-24-61).
- DUSH, SUSAN, Assistant in the Graduate School of Library Science, Summer Session of 1961, June 19-August 12, 1961, \$845 for the period (6-14-61).
- CAHILL, PAUL F., Manager of Public Information (Chicago Undergraduate Division), July 1, 1961-August 31, 1962, \$7,500 a year (6-24-61).
- CALDWELL, RODERICK, Research Assistant in Mathematics, two months from June 16, 1961, \$425 a month (6-16-61).
- CAMERON, NEIL M., Research Associate in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,700 (6-24-61).
- CARRUTHERS, GEORGE R., Research Assistant in Aeronautical Engineering (C), two months from June 16, 1961, \$444.44 a month (6-9-61).

- CARTWRIGHT, G. PHILLIP, Research Assistant in the Institute for Research on Exceptional Children, two months from June 16, 1961, \$500 a month, supersedes (6-30-61).
- CASE, CHARLES T., Research Assistant in Aeronautical Engineering (C), two months from June 16, 1961, \$466.67 a month (6-9-61).
- CASTELL, DAVID A., Project Assistant in the State Natural History Survey, two months from July 1, 1961, \$350 a month (6-29-61).
- CATTELL, RAYMOND B., Research Professor of Psychology, June 16-August 31, 1961, \$1,500 a month; this is in addition to his present appointment (7-18-61).
- CHENG, HWEI-HSIEN, Research Associate in Soil Fertility (Agronomy) (S), two months from July 1, 1961, \$500 a month, supersedes (7-19-61).
- CHERRY, JOE H., Assistant in Crop Physiology (Agronomy) (S), one month from June 16, 1961, \$433.33 (6-16-61).
- CHOW, WEN L., Associate Professor of Mechanical Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1961, \$483.34 a month; this is in addition to his Summer Session appointment on $\frac{1}{2}$ time (6-16-61).
- CHRISPEELS, MAARTEN J., Assistant in Plant Physiology (Agronomy) (S), two months from June 16, 1961, \$422.22 a month (6-16-61).
- CLARK, MARLYN E., Associate Professor of Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, two months from June 16, 1961, \$488.89 a month; this is in addition to his Summer Session appointment on $\frac{1}{2}$ time (6-24-61).
- CLAYCAMP, HENRY J., Research Assistant in the Bureau of Economics and Business Research, July 16-August 31, 1961, \$450 a month (6-24-61).
- COBIN, MARTIN T., Associate Professor of Speech, in the Office of Instructional Television (Provost's Office), $\frac{1}{2}$ time, two months from June 16, 1961, \$867; this is in addition to his present appointment (7-6-61).
- COGGINS, WILLIS R., Assistant Professor in Summer Session Youth Music, 71/100 time, June 18-July 15, 1961, \$557 for the period (6-20-61).
- COLMAN, MRS. FAYE, Head Resident at Taft-Van Doren, one month from August 1, 1961, \$200; for the convenience of the University she will also receive an apartment and meals while dining rooms are open (6-24-61).
- COOK, ROBERT D., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,700 (6-24-61).
- CORTEN, HERBERT T., Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1961, \$1,177.78 a month; this is in addition to his present appointment (6-24-61).
- COX, FRANCIS G., Instructor in English (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$1,289 for the period (7-18-61).
- CUDIA, DENNIS F., Research Assistant in Mathematics, two months from June 16, 1961, \$422.22 a month (6-16-61).
- CULVER, DAVID W., Assistant in Dairy Marketing Extension (Agricultural Economics) (E), two months from July 1, 1961, \$488.88 a month (6-24-61).
- DAILEY, JACQUELINE A., Instructor in Physical Education for Women, academic year beginning September 1, 1961, \$5,200 (6-24-61).
- DALHEIM, ERIC L., Instructor in Music, academic year beginning September 1, 1961, \$4,900 (5-31-61).
- DARON, HARLOW H., Research Assistant in Chemistry, two months from June 16, 1961, \$467 a month (7-18-61).
- DAUM, GAIL M., Assistant in Food Technology (S), July 1, 1961-August 31, 1962, \$5,000 a year (7-13-61).
- DAVIS, STEVEN, Research Assistant in Psychology, June 5-August 20, 1961, \$422.22 a month (6-16-61).
- DEGRYSE, RUBY V., Instructor in Speech (Chicago Undergraduate Division), Summer Session of 1961, $\frac{1}{2}$ time, June 23-August 18, 1961, \$623 for the period (7-18-61).
- DE LA TORRE, LUIS, Assistant Professor of Zoology (Pharmacognosy and Pharmacology) (Pharmacy), two years from September 1, 1961, to render service during each academic year, \$7,000 a year (6-24-61).
- DELEVORIAS, THEODORE, Associate Professor of Botany, two months from June 16, 1961, \$966.67 a month; this is in addition to his present appointment (6-16-61).
- DEMARQUE, PIERRE, Assistant Professor of Astronomy, two months from July 1, 1961, \$833.33 a month; this is in addition to his present appointment (7-18-61).

- DEMOSS, RALPH D., Professor of Microbiology, two months from June 16, 1961, \$1,255.50 a month; this is in addition to his present appointment (6-16-61).
- DEMPSEY, LAURENCE F., Visiting Lecturer in Chemistry, Summer Session of 1961, June 19-August 12, 1961, \$1,550 for the period (7-5-61).
- DEPINTO, JOHN A., JR., Research Assistant in Microbiology, one year from September 1, 1961, \$6,200 (7-6-61).
- DEZFULIAN, MANOUCHEHR, Research Assistant in Botany (Photosynthesis), two months from June 16, 1961, \$422.22 a month (6-16-61).
- DICKERSON, DONALD R., Special Associate Chemist in the State Geological Survey, two months from July 1, 1961, \$617 a month (7-7-61).
- DICKINSON, DAVID B., JR., Instructor in Vegetable Crops (Horticulture) (C and S), June 1, 1961-August 31, 1962, \$6,500 a year, supersedes (6-24-61).
- DILL, ALLEN F., Research Associate in Civil Engineering (S), academic year beginning September 1, 1961, \$7,500 (7-10-61).
- DIXON, ROBERT D., Research Assistant in Mathematics, two months from June 16, 1961, \$425 a month (6-16-61).
- DOBBS, MRS. BETTY J., Assistant in the Division of General Studies, June 19-August 12, 1961, \$846, supersedes (7-7-61).
- DRAKE, JOHN, Assistant Professor of Microbiology, two months from June 16, 1961, \$888.88 a month; this is in addition to his present appointment (6-16-61).
- DUBINSKY, STANLEY R., Research Assistant in Sociology, June 14-June 30, 1961, \$422.22 a month (7-6-61).
- DUENSING, NORMAN G., Visiting Lecturer in Summer Session Youth Music, July 2-15, 1961, \$165 for the period; for the convenience of the University he will also be furnished room and board in camp facilities (6-23-61).
- DUKER, GUY M., Associate Professor of Music and Assistant to the Director of Bands, Summer Session Youth Music, June 18-July 1, 1961, \$467 for the period (6-20-61).
- DULANY, DONELSON E., JR., Associate Professor of Psychology, June 16-August 31, 1961, \$916.67 a month; this is in addition to his present appointment (6-16-61).
- EADIE, GEORGE R., Associate Professor of Mining Engineering (C), two months from June 16, 1961, \$933.33 a month; this is in addition to his present appointment (6-24-61).
- EDMUNDS, JANE C., Research Assistant in Chemistry, April 16-August 31, 1961, \$400 a month (6-16-61).
- ELLIS, JACK A., Research Associate in the State Natural History Survey, two months from July 1, 1961, \$575 a month, supersedes (6-24-61).
- ELLIS, RALPH J., Research Associate in the State Natural History Survey, two months from July 1, 1961, \$520 a month, supersedes (6-24-61).
- ELLIS, VIRGINIA, Head Resident, Allen Hall (North), ten months from September 1, 1961, \$5,000; for the convenience of the University she will also receive room and board valued at \$31 a month (6-24-61).
- ELLISON, FRED P., Associate Professor of Spanish, $\frac{1}{2}$ time, June 19-August 12, 1961, \$945; this is in addition to his Summer Session appointment on $\frac{1}{2}$ time (6-16-61).
- EUGSTER, CONRAD H., Visiting Lecturer in Chemistry, Summer Session of 1961, June 19-August 12, 1961, \$2,000 for the period (6-20-61).
- EVANS, ROBERT W., Associate Director of Public Information, two months from July 1, 1961, \$10,500 a year (6-16-61).
- FARAG, SHAFEEK, Instructor in Chemistry (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$1,289 for the period, supersedes previous Summer Session appointment (7-18-61).
- FIEDLER, FRED E., Professor of Psychology, June 16-August 31, 1961, \$1,100 a month; this is in addition to his present appointment (6-16-61).
- FIELD, KAY, Research Assistant in Psychiatry (Medicine), four months from May 1, 1961, without salary (6-5-61).
- FINK, MELVIN R., Visiting Lecturer in Summer Session Youth Music, June 18-July 22, 1961, \$475 for the period; for the convenience of the University he will receive room and board in camp facilities (6-30-61).
- FLORES, JOSEPH S., Associate Professor of Spanish, $\frac{1}{2}$ time, June 19-August 12, 1961, \$1,045; this is in addition to his Summer Session appointment on $\frac{1}{2}$ time (6-16-61).

- FLYGARE, WILLIS H., Instructor in Physical Chemistry, academic year beginning September 1, 1961, \$6,300 (7-5-61).
- FOLSOM, MARY, Research Associate in Education (University High School), $\frac{1}{2}$ time, June 19-August 12, 1961, \$625 (6-16-61).
- FRANKMANN, RAYMOND W., Assistant Professor of Psychology, June 16-August 31, 1961, \$777.77 a month; this is in addition to his present appointment and supersedes his additional appointment (7-6-61).
- FRASER, ALLISTER F., Instructor in Aeronautical and Astronautical Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$3,000 (6-26-61).
- FRAUENFELDER, HANS, Associate Director of Coordinated Science Laboratory (C), June 16-30, 1961, \$888.89 (7-6-61); July 1-15, 1961, and September 1-15, 1961, \$1,777.77; this is in addition to his present appointment (6-30-61).
- GAITHER, ROBERT B., Instructor in Mechanical Engineering (C), academic year beginning September 1, 1961, \$6,400 (6-29-61).
- GARVEY, JOHN C., Professor of Summer Session Youth Music, June 19-August 12, 1961, \$2,156 for the period, supersedes previous Summer Session appointment (6-24-61).
- GEISLER, JOHN E., Research Assistant in Astronomy, two months from July 1, 1961, \$422.22 a month; this is in addition to his present appointment (7-18-61).
- GILMAN, RICHARD A., Instructor in Physical Science (Division of General Studies), academic year beginning September 1, 1961, \$6,000 (7-5-61).
- GINSBERG, DONALD M., Assistant Professor of Physics (C), one month from July 16, 1961, \$800; this is in addition to his present appointment (7-10-61).
- GLUCKLICH, JOSEPH, Research Associate in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1961, \$7,000 (6-8-61).
- GOOD, RALPH E., Research Associate in Forestry (S), three months from June 1, 1961, \$458.33 a month, supersedes (6-16-61).
- GOODMAN, GARY C., Research Assistant in Astronomy, two months from June 16, 1961, \$422.22 a month (6-30-61).
- GOTTLIEB, ANATOL, Assistant Professor of Chemistry (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$1,534 for the period (7-18-61).
- GOVINDJEE, Assistant Professor of Botany, two years from September 1, 1961, to render service during each academic year, \$7,000 a year (7-5-61).
- GRAY, ROBERT E., Assistant Professor of Music and Summer Session Youth Music, June 19-August 12, 1961, \$1,623 for the period, supersedes previous Summer Session appointment (7-19-61).
- GRICE, G. ROBERT, Professor of Psychology, two months from June 16, 1961, \$1,222.22 a month; this is in addition to his present appointment (6-16-61).
- GUNSALUS, IRWIN C., Research Professor of Chemistry, two months from June 16, 1961, \$2,167 a month; this is in addition to his present appointment (6-16-61).
- GUTOWSKY, HERBERT S., Research Professor of Chemistry, two months from June 16, 1961, \$1,944.50 a month; this is in addition to his present appointment (6-24-61).
- HAHN, HWA SUK, Research Assistant in Mathematics, two months from June 16, 1961, \$425 a month (6-16-61).
- HALFORD, GARY R., Research Associate in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,700 (6-26-61).
- HAMILTON, NORMAN T., Assistant Professor of Mathematics, Summer Session of 1961, June 19-August 12, 1961, \$800 a month, supersedes previous Summer Session appointment (6-30-61).
- HARPER, JAMES A., Project Assistant in the State Natural History Survey, two months from July 1, 1961, \$440 a month, supersedes (6-24-61).
- HART, ALICE G., Assistant Professor of Mathematics, August 14-September 10, 1961, \$777; this is in addition to her present appointment (6-24-61).
- HARVEY, ROBERT O., Professor of Finance, two months from June 16, 1961, \$1,255.56 a month; this is in addition to his present appointment (6-9-61).
- HASTINGS, J. WOODLAND, Research Assistant Professor of Chemistry, two months from June 16, 1961, \$1,000; this is in addition to his present appointment (6-16-61).
- HAYAKAWA, ICHIYA, Research Associate in Civil Engineering (S), academic year beginning September 1, 1961, \$7,500 (6-24-61).

- HAYNES, LEROY W., Research Assistant in Chemistry, two months from June 16, 1961, \$430 a month (6-16-61).
- HAYNES, RAYMOND R., Research Assistant in Chemistry, two months from June 16, 1961, \$466 a month (6-16-61).
- HAZLETT, THOMAS C., Landscape Architect on Administrative Committee on Robert Allerton Park, June 16-July 31, 1961, \$816.67 a month; this is in addition to his present appointment (6-16-61).
- HEWISH, NORMAN, Instructor in Commerce and Business Administration (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$1,200 for the period (6-20-61).
- HEINS, ARTHUR J., Assistant Professor of Finance, May 15-August 31, 1961, \$7,250 a year, supersedes (6-9-61).
- HENDERLEITER, W. M., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1961, $\frac{3}{4}$ time, June 23-August 18, 1961, \$927 for the period (7-18-61).
- HENDRON, ALFRED J., JR., Research Associate in Civil Engineering (S), academic year beginning September 1, 1961, \$5,700 (6-8-61).
- HERZOG, ELAINE Z., Instructor in Physical Sciences (Chicago Undergraduate Division), Summer Session of 1961, $\frac{1}{2}$ time, June 23-August 18, 1961, \$623 for the period, supersedes previous Summer Session appointment (6-20-61).
- HILL, HOWARD W., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1961, \$422.22 a month (6-16-61).
- HILL, HALIM M., Research Associate in Plant Pathology (S), one year from July 1, 1961, \$6,000 (7-13-61).
- HINDSLEY, MARK H., Professor of Music, $\frac{1}{3}$ time, and Director of the University Bands, $\frac{3}{4}$ time, Summer Session Youth Music, July 2-15, 1961, \$699 for the period (6-23-61).
- HOLDEN, THOMAS L., Assistant Professor of Summer Session Youth Music, $\frac{54}{100}$ time, June 18-July 22, 1961, \$557 for the period (7-19-61).
- HOSONO, TOSHIO, Visiting Research Associate in Electrical Engineering (S), one year from September 1, 1961, \$7,500 (6-24-61).
- HSIAO, THEODORE C., Assistant in Soil Fertility (Agronomy) (S), June 16-August 31, 1961, \$416.67 a month, supersedes (6-24-61).
- HUITEMA, ROY, Professor of Chemistry, Summer Session of 1961, June 24-September 9, 1961, \$3,534 for the period (6-15-61).
- IGARASHI, RICHARD T., Research Assistant in Microbiology, one year from June 16, 1961, \$6,200 (7-7-61).
- JANES, ROBERT W., Associate Professor of Sociology, $\frac{3}{4}$ time, two months from June 16, 1961, \$884.73 a month; this is in addition to his present appointment (6-16-61).
- JHA, SATISH C., Assistant in Dairy Marketing (Agricultural Economics) (S), two months from July 1, 1961, \$488.88 a month (6-24-61).
- JOHNSON, EUGENE L., Visiting Lecturer in Summer Session Youth Music, June 17-July 1, 1961, \$165 for the period; for the convenience of the University he will also be furnished room and board in camp facilities (6-20-61).
- JOHNSON, ROBERT M., Research Assistant in the State Water Survey, one year from July 1, 1961, \$7,600 (7-24-61).
- JONES, ROGER S., Research Associate in Physics (C), three months from June 1, 1961, \$600 a month, supersedes (6-7-61).
- JULIAN, JAMES W., Research Assistant in Psychology, June 16-August 31, 1961, \$422.22 a month (6-16-61).
- KEITH, WALTER M., Professor of Landscape Architecture and Director of Robert Allerton Park, two months from June 16, 1961, \$1,178 a month; this is in addition to his present appointment (6-16-61).
- KELSEY, PATRICIA A., Assistant in Occupational Therapy (Medicine), two months from May 1, 1961, \$491.69 a month, supersedes (6-16-61).
- KHOSROVANI, BAHRAM, Research Assistant in Pediatrics (Medicine), one year from July 1, 1961, \$4,900 (6-16-61).
- KILBRIDE, BERNARD J., Instructor in Finance, academic year beginning September 1, 1961, \$7,500 (6-24-61).
- KIRACOFFE, GUY H., Assistant in Animal Science (C and S), two months from July 1, 1961, \$400 a month, supersedes (6-24-61).

- KODRAS, RUDOLPH, Assistant in Veterinary Pathology and Hygiene, June 9-September 9, 1961, \$500 a month, supersedes (6-24-61).
- KOEHLER, JAMES S., Professor of Physics (C), two months from June 16, 1961, \$1,500 a month; this is in addition to his present appointment (6-30-61).
- KOEFFE, OWEN J., Visiting Lecturer in Chemistry, Summer Session of 1961, July 17-August 12, 1961, \$1,000 for the period (6-15-61).
- KORST, HELMUT H., Professor of Mechanical Engineering (C), two months from June 16, 1961, \$1,744.44 a month; this is in addition to his present appointment (6-16-61).
- KOUKOU, ZOE Z., Research Assistant in Pediatrics (Medicine), one year from July 1, 1961, \$4,900 (6-24-61).
- KROELICK, EDWARD J., Assistant Professor of Music and Summer Session Youth Music, June 19-August 12, 1961, \$1,467 for the period, supersedes previous Summer Session appointment (6-30-61).
- KUPFERMANN, ARON, Research Assistant Professor of Chemistry, two months from June 16, 1961, \$844.50 a month; this is in addition to his present appointment (6-16-61).
- KURLAND, AARON, Instructor in Zoology, Summer Session of 1961, June 19-August 12, 1961, \$1,800 for the period (6-21-61).
- LAMB, PAUL E., Assistant in Animal Science (C and S), July 1, 1961-August 31, 1962, \$5,400 a year (6-16-61).
- LANDS, W. E. M., Visiting Lecturer in Chemistry, Summer Session of 1961, June 19-July 15, 1961, \$1,000 for the period (6-15-61).
- LANOUX, SIGRED B., Research Assistant in Chemistry, eleven months from October 1, 1961, \$5,500 a year (6-26-61).
- LARSON, CARL S., Assistant in Mechanical Engineering (C), nine months from September 16, 1961, \$5,600 (6-26-61).
- LAUGHNAN, JOHN R., Professor of Botany, two months from June 16, 1961, \$1,522.22 a month; this is in addition to his present appointment (6-30-61).
- LEDET, DAVID A., Assistant Professor of Summer Session Youth Music, June 19-August 12, 1961, \$1,400 for the period, supersedes previous Summer Session appointment (6-23-61).
- LEHRFELD, JACK, Assistant in Chemistry (Pharmacy), Summer Session of 1961, July 31-September 9, 1961, \$634 for the period (6-14-61).
- LEWIS, WILLIAM A., Visiting Lecturer in Education, July 3-August 12, 1961, \$1,290 (6-24-61).
- LIEBERMAN, DAVID S., Professor of Metallurgical Engineering (Department of Mining and Metallurgical Engineering) (C), one month from June 16, 1961, \$1,022.22; this is in addition to his present appointment (6-6-61).
- LINDSEY, JOHN M., Assistant Law Librarian, with rank of Instructor, in the Library, one year from September 1, 1961, \$7,000 (6-24-61).
- LIPPERT, HENRY, Research Assistant in the Institute for Research on Exceptional Children, one month from June 16, 1961, \$444.44 (6-30-61).
- LITTNER, NER, Clinical Assistant Professor of Psychiatry (Medicine), four months from May 1, 1961, without salary (6-5-61).
- LORD, REXFORD D., JR., Research Associate in the State Natural History Survey, two months from July 1, 1961, \$670 a month, supersedes (6-24-61).
- LOVE, WILLIE N., Assistant Professor of English (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$1,489 for the period (7-18-61).
- LUKE, KENNETH W., Counselor in Summer Session Youth Music, June 15-July 24, 1961, \$335 for the period; for the convenience of the University he will also receive room and board in camp facilities (6-30-61).
- LUTZ, RICHARD W., Research Assistant in the State Natural History Survey, two months from July 1, 1961, \$420 a month (6-9-61).
- LYELL, JOHN S., Research Associate in Pedodontics (Dentistry), ten months from September 1, 1961, \$5,000 (6-8-61).
- LYKE, JAMES B., Instructor in Music, Summer Session of 1961, July 9-22, 1961, \$339 for the period (6-14-61).
- LYMAN, ERNEST M., Research Professor in the Coordinated Science Laboratory (C), $\frac{1}{2}$ time, two months from June 16, 1961, \$706 a month; this is in addition to his present appointment (6-16-61).

- LYNCH, JUDITH L., Research Assistant in Chemistry, one year from July 1, 1961, \$5,000 (7-6-61).
- MAEDA, FUMIYUKI, Research Associate in Mathematics, academic year beginning September 1, 1961, \$5,800 (5-19-61).
- MANWELL, CLYDE, Assistant Professor of Physiology, June 16-August 31, 1961, \$916.66 a month; this is in addition to his present appointment (6-24-61).
- MARTIN, JAMES C., Research Assistant Professor of Chemistry, two months from June 16, 1961, \$833.50 a month; this is in addition to his present appointment (6-16-61).
- MARTIN, PATRICIA C., Research Assistant in Physics (C), one year from September 1, 1961, \$6,000 (6-8-61).
- MATHIS, G. RUSSELL, Instructor in Summer Session Youth Music, June 17-July 15, 1961, \$700 for the period (6-30-61).
- MCCOY, GERALD L., Counselor in Summer Session Youth Music, June 17-July 22, 1961, \$500 for the period; for the convenience of the University he will also receive room and board in camp facilities (6-30-61).
- MCDIARMID, COLIN G., Research Associate in Psychology, two months from June 16, 1961, \$722.22 a month (6-7-61).
- MCDONALD, VINCENT J., Associate Professor of Civil Engineering (S), two months from June 16, 1961, \$933.33 a month; this is in addition to his present appointment (6-16-61).
- MCGINTY, DAVID J., Project Assistant in the State Natural History Survey, July 16-August 31, 1961, \$480 a month (7-24-61).
- MCGRATH, JOSEPH E., Research Assistant Professor of Psychology, 28/100 time, June 16-August 31, 1961, \$729.17; this is in addition to his present appointment (6-16-61).
- MCGUIRE, WILLIAM J., Associate Professor of Psychology, June 16-August 31, 1961, \$916.67 a month; this is in addition to his present appointment (6-16-61).
- McMAHON, VERN A., Research Assistant in Botany, two months from July 1, 1961, \$490 a month (7-13-61).
- McNEES, PATRICIA H., Visiting Lecturer in Summer Session Youth Music, July 2-15, 1961, \$180 for the period; for the convenience of the University she will also be furnished room and board in camp facilities (6-20-61).
- MEAD, GEORGE C., Instructor in Commerce Administration, 1/2 time, two months from July 1, 1961, \$254.16 a month, supersedes (6-5-61).
- METZGER, MARVIN, Professor of Physical Metallurgy (Mining and Metallurgical Engineering) (C), two months from June 16, 1961, \$1,022.22 a month; this is in addition to his present appointment (6-6-61).
- MEUWESE, WILHELMUS A. T., Research Assistant in Psychology, three months from June 16, 1961, \$422.22 a month (6-16-61).
- MICHAEL, EDWIN K., Research Assistant in Physiology, June 16-August 31, 1961, \$422.22 a month (6-24-61).
- MILES, JOHN C., Professor of Mechanical Engineering, in the Indian Institute of Technology, Kharagpur, India, June 20, 1961-August 31, 1962 (Y basis), under Contract ICAC-1220, \$16,100 a year; and Professor of Mechanical Engineering (C), on indefinite tenure beginning September 1, 1962, to render service during each academic year, supersedes (6-19-61).
- MILLER, DONALD L., Visiting Lecturer in Summer Session Youth Music, June 18-July 1, 1961, \$240 for the period; for the convenience of the University he will also be furnished room and board in camp facilities (6-23-61).
- MINES, ALLAN H., Assistant in Animal Science and in the Division of General Studies, June 19-August 12, 1961, \$845, supersedes (7-13-61).
- MITRI, TALAAT K., Research Assistant in the State Natural History Survey, 1/2 time, nine months from September 1, 1961, and full time three months from June 1, 1962, salary at the rate of \$380 a month (7-6-61).
- MORRIS, CHARLES E., JR., Research Associate in Mathematics, June 19-August 12, 1961, \$500 a month; this is in addition to his present appointment (6-24-61).
- MUELLER, EUGENE A., Research Associate in the State Water Survey, one year from July 1, 1961, \$10,300 (7-24-61).
- MUELLER, THOMAS E., Instructor in Electrical Engineering (C), 1/2 time, academic year beginning September 1, 1961, \$2,500 (6-24-61).
- MUNKO, CLARE, Research Associate in Psychiatry (Medicine), four months from May 1, 1961, without salary (6-5-61).

- NAG CHAUDHURI, BASANTI D., Visiting Research Associate in Electrical Engineering (S), one year from September 1, 1961, \$7,500 (6-24-61).
- NAKANISHI, NORIHIKO, Research Associate in Mining and Metallurgical Engineering (C), June 10-August 31, 1961, \$666.66 a month, supersedes (6-5-61); and one year from September 1, 1961, \$8,000, supersedes (6-8-61).
- NANNELLI, PIERO, Research Assistant in Chemistry, one year from September 1, 1961, \$5,500 (6-26-61).
- NARASIMHAN, RANGASWAMY, Research Associate in the Digital Computer Laboratory, nine months from September 16, 1961, \$6,500, supersedes (6-8-61).
- NELSON, SEVERINA E., Professor of Speech and Theatre, Summer Session of 1961, June 19-August 12, 1961, \$2,323 for the period, supersedes previous Summer Session appointment (6-30-61).
- NEUHAUS, FRANCIS C., Research Assistant Professor of Chemistry, two months from June 16, 1961, \$744.50 a month; this is in addition to his present appointment (6-24-61).
- NEWMARK, NATHAN M., Professor of Civil Engineering and Head of the Department (C), 3/10 time, two months from June 16, 1961, \$683.33 a month; this is in addition to his Summer Session appointment (6-7-61); and in the Summer Session of 1961, 45/100 time, June 19-August 12, 1961, \$2,051 for the period, supersedes previous Summer Session appointment (6-12-61).
- NOWLAN, JAMES A., JR., Clinical Assistant in Medicine (Medicine), six months from March 1, 1961, without salary (6-30-61).
- NYSTROM, RICHARD, Research Assistant in Physiology, two months from June 16, 1961, \$422.22 a month (7-3-61).
- OBERER, WALTER E., Visiting Lecturer in Law, Summer Session of 1961, June 19-August 12, 1961, \$3,000 for the period (6-30-61).
- PADEN, DONALD W., Professor of Economics, Office of Instructional Television (Provost's Office), two months from June 16, 1961, \$1,244.44 a month; this is in addition to his present appointment (6-24-61).
- PAGE, BENJAMIN F., Assistant in the Graduate School of Library Science, Summer Session of 1961, June 19-August 12, 1961, \$845 for the period (6-14-61).
- PAGE, ROBERT R., Instructor in Philosophy (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$1,334 for the period (7-18-61).
- PAGE, THOMAS, Associate Professor in the Institute of Government and Public Affairs, two months from June 16, 1961, \$867 a month; this is in addition to his present appointment (6-30-61).
- PAPPADEMOS, JOHN N., Assistant Professor of Physics (Chicago Undergraduate Division), Summer Session of 1961, 1/3 time, June 23-August 18, 1961, \$526 for the period (7-18-61).
- PARDUE, HARRY L., Research Associate in Chemistry, two months from June 16, 1961, \$500 a month (6-16-61).
- PARÉ, EILEEN, Instructor in Physical Sciences (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$1,178 for the period, supersedes previous Summer Session appointment (6-20-61).
- PARKER, EDWIN B., Research Assistant Professor in the Institute of Communications Research, June 19-August 12, 1961, \$800 a month; this is in addition to his present appointment (6-5-61).
- PARTCH, HARRY, Research Associate in Speech and Theatre, nine months from September 16, 1961, \$5,000 (7-6-61).
- PAWLAK, ZDZISTAW, Visiting Research Associate in the Digital Computer Laboratory, nine months from September 16, 1961, \$6,500 (5-22-61).
- PEAT, REGINALD F., Research Associate in Mining and Metallurgical Engineering (C), one year from September 1, 1961, \$8,000 (6-8-61).
- PEISER, KENNETH, Assistant in Education, June 19-August 12, 1961, \$845 (7-7-61).
- PENHOLLOW, JOHN O., Research Assistant in the Digital Computer Laboratory, June 16-August 31, 1961, \$611.11 a month (6-7-61).
- PETERS, MAX S., Professor of Chemical Engineering (S), two months from June 16, 1961, \$3,111; this is in addition to his present appointment (6-5-61).
- PHILLIPS, BERNARD S., Assistant Professor of Sociology, two months from June 16, 1961, \$811.11 a month (6-24-61); and August 16-31, 1961, salary rate of \$405.55 a month; this is in addition to his present appointment (7-6-61).

- PHILLIPS, ROBERT L., JR., Instructor in Landscape Architecture (City Planning and Landscape Architecture), academic year beginning September 1, 1961, \$5,300 (7-21-61).
- PICKER, MARTIN, Instructor in Music, Summer Session of 1961, $\frac{3}{4}$ time, June 19-August 12, 1961, \$860 for the period, supersedes previous Summer Session appointment (6-30-61).
- PIGAGE, LEO C., Professor of Mechanical Engineering (C), one month from June 16, 1961, \$1,111.11; this is in addition to his present appointment (6-12-61).
- PINES, DAVID, Professor of Physics and of Electrical Engineering (Physics) (C), June 20-August 19, 1961, \$1,555.55 a month; this is in addition to his present appointment (6-24-61).
- PIPER, THERON S., Research Assistant Professor of Chemistry, two months from June 16, 1961, \$822.50 a month; this is in addition to his present appointment (6-16-61).
- PITT, CARL A., Associate Professor of Speech (Chicago Undergraduate Division), Summer Session of 1961, $\frac{1}{2}$ time, June 23-September 8, 1961, \$889, and $\frac{1}{2}$ time, June 23-August 18, 1961, \$889, total salary \$1,778 for the period, supersedes previous Summer Session appointment (7-18-61).
- PORTER, LAURELLEN, Head Resident, Noble Hall, ten months from September 1, 1961, \$4,450; for the convenience of the University she will also receive an apartment and meals while dining rooms are in operation, valued at \$31 a month (6-24-61).
- PROSSER, C. LADD, Professor of Physiology, two months from June 16, 1961, \$1,000 a month; this is in addition to his present appointment (6-24-61).
- PUGH, ROBERT, Counselor in the Student Counseling Service (Provost's Office), June 16-September 4, 1961, \$756 a month; this is in addition to his present appointment (6-6-61).
- QUINN, JOHN A., Assistant Professor of Chemical Engineering (S), two months from June 16, 1961, \$833.33 a month, supersedes Summer Session appointment on $\frac{1}{2}$ time, and additional appointment on $\frac{1}{2}$ time dated June 8, 1961 (6-30-61).
- RABINOWITZ, EUGENE I., Professor of Botany, two months from June 16, 1961, \$1,444.44 a month; this is in addition to his present appointment (6-16-61).
- RAFELSON, MAX E., Associate Professor of Biological Chemistry (Medicine), indefinite tenure from June 1, 1961, without salary, supersedes (6-5-61).
- RAJAN, N. S., Assistant in the Radiocarbon Laboratory, two months from June 16, 1961, \$535 a month (6-6-61).
- RAKOVE, MILTON L., Assistant Professor of Political Science (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$1,512, supersedes (7-18-61).
- RAO, P. V. SURYANARAYANA, Research Assistant in the Digital Computer Laboratory, July 1-September 15, 1961, \$444.44 a month (6-7-61).
- RATTI, GIUSEPPE E., Research Assistant in the Department of Mining, Metallurgy, and Petroleum Engineering (C), June 16-August 31, 1961, \$466.66 a month (6-24-61).
- RAY, SYLVIAN R., Research Assistant in the Digital Computer Laboratory, June 16-August 31, 1961, \$630 a month (6-7-61).
- RAYMUNDO, LUCIANO C., Research Assistant in Medicine (Medicine), one year from July 1, 1961, \$4,900 (6-9-61).
- READ, THOMAS A., Professor of Metallurgical Engineering, and Head of the Department of Mining and Metallurgical Engineering (C), two months from June 16, 1961, \$1,944.44 a month; this is in addition to his present appointment (6-6-61).
- REIFLER, DORINE, Serials Assistant in the Library, two months from July 1, 1961, \$458.33 a month (6-26-61).
- REIMER, BENNETT, Instructor in Education (Office of Teacher Placement), June 19-August 12, 1961, \$1,445; this is in addition to his present appointment (7-10-61).
- REYNOLDS, EVELYN, Visiting Artist in Music, $\frac{2}{3}$ time, nine months from September 16, 1961, \$6,000 (6-24-61).
- RICKETTS, BERNARD G., Professor of Metallurgical Engineering (Mining and Metallurgical Engineering) (C), two months from June 16, 1961, \$1,133.33 a month; this is in addition to his present appointment (6-6-61).

- RICE, WILLIAM H., Administrative Assistant — Legislative Relations, President's Office, July 1, 1961-August 31, 1962, \$14,000 a year (7-5-61).
- RIGGIN, GLENN, Visiting Lecturer in Summer Session Youth Music, June 18-July 22, 1961, \$565; for the convenience of the University he will also be furnished room and board in the camp facilities (7-19-61).
- RILEY, HELEN J., Instructor in Physical Education for Women, academic year beginning September 1, 1961, \$6,600 (6-24-61).
- RIMBEY, DONALD H., Assistant Director of Central Office on the Use of Space (Provost's Office), two months from June 16, 1961, \$727.78 a month; this is in addition to his present appointment (6-16-61).
- RINEHART, KENNETH L., Research Assistant Professor of Chemistry, two months from June 16, 1961, \$922.50 a month; this is in addition to his present appointment (6-16-61).
- ROBERTS, DON D., Research Assistant in Philosophy, two months from June 16, 1961, \$422.22 a month (6-30-61).
- ROBERTSON, JAMES E., Research Professor of Electrical Engineering, Digital Computer Laboratory, two months from June 16, 1961, \$1,577.78 a month; this is in addition to his present appointment (6-5-61).
- ROBERTSON, JAMES M., Professor of Theoretical and Applied Mechanics (C), two months from June 17, 1961, \$1,266.67 a month; this is in addition to his present appointment (6-5-61).
- ROLOFF, PAUL W., Visiting Lecturer in Summer Session Youth Music, July 2-15, 1961, \$180 for the period; for the convenience of the University he will also be furnished room and board in the camp facilities (6-23-61).
- ROSLANSKY, JOHN D., Assistant Professor of Botany, two months from June 16, 1961, \$722.22 a month; this is in addition to his present appointment (6-16-61).
- RUSSELL, CHARLES K., Research Associate in Ceramic Engineering (S), July 15-August 31, 1961, \$750 a month (6-30-61).
- RUTER, WILLIAM J., Research Associate Professor of Chemistry, two months from June 16, 1961, \$1,156 a month; this is in addition to his present appointment (6-24-61).
- SACKHEIM, G. I., Instructor in Chemistry (Chicago Undergraduate Division), Summer Session of 1961, $2\frac{1}{3}$ time, June 23-August 18, 1961, \$993 (7-18-61).
- SACKS, LAWRENCE J., Research Assistant in Chemistry, two months from June 16, 1961, \$440 a month (6-16-61).
- SAFFOURI, M. H., Research Assistant in Physics (C), two months from June 16, 1961, \$444 a month (6-7-61).
- SANKARAN, BALU, Research Associate in Orthopaedic Surgery (Medicine), June 15, 1961-June 30, 1962, without salary (6-29-61).
- SAYRE, DEAN, Visiting Lecturer in Summer Session Youth Music, July 2-15, 1961, \$165 (7-19-61).
- SAYRE, ROBERT F., Instructor in English, academic year beginning September 1, 1961, \$6,000 (7-5-61).
- SCHAUBLE, JOSEPH H., Research Assistant in Chemistry, two months from June 16, 1961, \$444.50 a month (6-16-61).
- SCHMIDT, PAUL J., Instructor in Ophthalmology (Medicine), 85/100 time, one year from July 1, 1961, \$5,400 (7-19-61).
- SCHULTZ, JACK P., Visiting Lecturer in Summer Session Youth Music, June 18-July 1, 1961, \$170; for the convenience of the University he will also be furnished room and board in the camp facilities (6-23-61).
- SCHULTZ, JOHN E., Research Assistant in Chemistry, two months from June 16, 1961, \$422.50 a month (6-16-61).
- SCHWIEBERT, PHILLIP D., Assistant in Theoretical and Applied Mechanics (C), nine months from September 16, 1961, \$4,400, supersedes (7-5-61).
- SEARS, HELEN W., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$1,312, supersedes (7-18-61).
- SECREST, DONALD H., Instructor in Chemistry, one year from September 1, 1961, \$8,000 (7-5-61).
- SHALABI, MADELAINE T., Assistant Professor of Education (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$1,467, supersedes (7-18-61).

- SHANNON, DONALD T., Assistant Professor of Psychology, two months from June 16, 1961, \$866.67 a month; this is in addition to his present appointment (6-5-61).
- SHEINBLATT, MATITYAHU, Research Associate in Chemistry, May 16-August 31, 1961, \$458.33 a month (6-16-61).
- SHIMOMURA, KENJI, Research Associate in Chemistry, four months from September 1, 1961, \$550 a month (7-6-61).
- SHIVELY, RICHARD R., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1961, \$511.11 a month, supersedes (7-19-61).
- SHOEMAKER, ROBERT W., Visiting Lecturer in Social Sciences (Chicago Undergraduate Division), Summer Session of 1961, 4/9 time, June 23-September 8, 1961, \$1,100, and 5/9 time, June 23-August 18, 1961, \$1,100, total salary \$2,200, supersedes (7-18-61).
- SIMPSON, WARREN G., Visiting Lecturer in Summer Session Youth Music, July 2-15, 1961, \$180; for the convenience of the University he will also receive room and board in the camp facilities (6-30-61).
- SINCLAIR, GEORGE M., Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1961, \$1,300 a month; this is in addition to his present appointment (6-5-61).
- SINGH, BALBIR, Research Assistant in Mining, Metallurgy, and Petroleum Engineering (C), June 16-August 31, 1961, \$466.66 a month (6-24-61).
- SLAGEL, ROBERT C., Research Assistant in Chemistry, two months from June 16, 1961, \$444.50 a month (6-16-61).
- SMITH, DALE M., Associate Professor of Botany, two months from June 16, 1961, \$888.88 a month; this is in addition to his present appointment (6-16-61).
- SMITH, GEORGE H., JR., Instructor in Social Sciences (Chicago Undergraduate Division), Summer Session of 1961, 3/5 time, June 23-August 18, 1961, \$800 (7-18-61).
- SMITH, JERRY J., Research Assistant in Chemistry, June 1-August 15, 1961, \$422.22 a month (6-16-61).
- SMITH, MRS. JESSIE C., Assistant in the Graduate School of Library Science, Summer Session of 1961, June 19-August 12, 1961, \$845 (6-14-61).
- SMITH, MILDRED A., Visiting Lecturer in Summer Session Youth Music, July 2-15, 1961, \$180; for the convenience of the University she will also be furnished room and board in the camp facilities (6-23-61).
- SNYDER, HAROLD R., Research Professor of Organic Chemistry and Associate Dean of the Graduate College, two months from June 16, 1961, \$1,733.33 a month; this is in addition to his present appointment (6-9-61).
- SOO, SHAO LEE, Professor of Mechanical Engineering (C), two months from June 16, 1961, \$2,777.76; this is in addition to his present appointment (6-5-61).
- SPEAR, NORMAN E., Visiting Lecturer in Social Sciences (Chicago Undergraduate Division), Summer Session of 1961, 4/9 time, June 23-September 8, 1961, \$825 (6-24-61).
- SPIEGELMAN, SOL, Professor of Microbiology, two months from June 16, 1961, \$1,694.44 a month; this is in addition to his present appointment (6-5-61).
- SPURLOCK, JEANNE, Clinical Assistant Professor of Psychiatry (Medicine), four months from May 1, 1961, without salary (6-5-61).
- STALLMEYER, JAMES E., Professor of Civil Engineering (S), two months from June 16, 1961, \$1,055.55 a month; this is in addition to his present appointment (6-16-61).
- STEFFENSEN, DALE M., Associate Professor of Botany, two months from June 16, 1961, \$1,277.77 a month; this is in addition to his present appointment (7-3-61).
- STEIN, LASZLO, Instructor in Audiology (Otolaryngology) (Medicine), one year from September 1, 1961, \$7,400 (6-30-61).
- STEINRAUF, LARRY K., Research Assistant Professor of Chemistry, two months from June 16, 1961, \$1,423; this is in addition to his present appointment (6-5-61).
- STEPHENS, NEWMAN L., Research Assistant in Medicine (Medicine), one year from July 1, 1961, \$4,900 (6-30-61).
- STERN, HERBERT, Professor of Botany, two months from June 16, 1961, \$1,166.66 a month; this is in addition to his present appointment (6-16-61).
- STEWART, MRS. MARJORIE H., Visiting Lecturer in the Graduate School of Library Science, Summer Session of 1961, 1/2 time, June 19-August 12, 1961, \$800 (6-14-61).

- STIPPES, MARVIN C., Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1961, \$1,111.11 a month; this is in addition to his present appointment (6-5-61).
- STOCKMAN, JANIS L., Instructor in Physical Education for Women, academic year beginning September 1, 1961, \$6,000 (6-24-61).
- STOLUROW, LAWRENCE M., Professor of Psychology, Department of Psychology, and in the Institute for Research on Exceptional Children, June 19-August 12, 1961, \$2,222.22 (7-3-61); and Professor of Psychology, August 16-31, 1961, $\frac{1}{2}$ time, \$277.77; this is in addition to his present appointment (7-7-61).
- STONE, VICTOR J., Professor of Law, Summer Session of 1961, June 19-August 12, 1961, \$2,600 (6-30-61).
- STRATTON, JOHN R., Research Assistant in Sociology, two months from June 16, 1961, \$500 a month (6-16-61).
- STRNAD, GEORGE J., Instructor in Physical Education for Men (Chicago Undergraduate Division), Summer Session of 1961, $\frac{3}{4}$ time, June 23-August 18, 1961, \$1,001, supersedes (7-18-61).
- SUEOKA, NOBORU, Assistant Professor of Microbiology, two months from June 16, 1961, \$944.44 a month; this is in addition to his present appointment (6-5-61).
- SULLIVAN, JAMES W., Research Assistant in Sociology, June 16-30, 1961, \$422.22 a month (6-26-61).
- SUTCLIFFE, SAMUEL, Assistant Professor of Civil Engineering, Summer Session of 1961, $\frac{1}{2}$ time, June 19-August 12, 1961, \$334 (6-14-61).
- SUTFIN, DUANE C., Assistant Professor of Physiology, June 16-August 31, 1961, \$800 a month (6-19-61).
- SUZUKI, MICHIO, Professor of Mathematics, two months from June 16, 1961, \$1,222.22 a month; this is in addition to his present appointment (6-24-61).
- SWENSON, ROBERT H., Professor of Music and Summer Session Youth Music, June 19-August 12, 1961, \$2,067, supersedes (6-30-61).
- SWITZER, ROBERT L., Teaching Assistant on $\frac{1}{2}$ time, and Research Assistant on $\frac{1}{2}$ time, in Chemistry, Summer Session of 1961, June 19-August 12, 1961, \$846 (6-20-61).
- TANIMOTO, SADAQ, Research Assistant in Chemical Engineering, April 24-August 31, 1961, \$475 a month, supersedes (7-18-61).
- TAUB, ABRAHAM H., Research Professor of Applied Mathematics, and Acting Head of the Digital Computer Laboratory, one month from August 16, 1961, \$2,333.33; this is in addition to his present appointment (6-5-61).
- TERWILLIGER, JAMES S., Research Assistant in Psychology, two months from June 16, 1961, \$422.22 a month (7-18-61).
- THOITS, CHARLES F., III, Research Associate in the State Natural History Survey, July 16-August 31, 1961, \$520 a month (7-24-61).
- THOMPSON, RAY, Visiting Lecturer in Education, nine months from September 16, 1961, \$7,500 (5-31-61).
- THORNTON, HUBERT R., Research Associate in Ceramic Engineering (S), $\frac{3}{4}$ time, June 16-August 31, 1961, \$425 a month, supersedes (6-16-61).
- TILBURY, GLEN, Visiting Lecturer in Chemistry, June 19-August 12, 1961, \$2,000 (6-7-61).
- TORCHIA, EVELYN R., Research Assistant in the Institute for Research on Exceptional Children, one month from June 16, 1961, \$500 (6-30-61).
- TORCHIA, PETER, Research Assistant in the Institute for Research on Exceptional Children, three months from June 1, 1961, \$1,500 (6-29-61).
- TOREN, ERIC C., JR., Research Associate in Chemistry, one month from July 16, 1961, \$500 (6-16-61).
- TRIGGER, KENNETH J., Professor of Mechanical Engineering (C), $\frac{3}{4}$ time, two months from June 16, 1961, \$1,208.33 a month; this is in addition to his present appointment (6-5-61).
- TRIPLEHORN, MRS. JULIA, Assistant in the Graduate School of Library Science, Summer Session of 1961, June 19-August 12, 1961, \$845 (6-14-61).
- TSUJIOKA, BIEN, Research Associate in Psychology, three months from May 16, 1961, \$509.10 a month, supersedes (7-18-61).
- TULL, JACK F., Research Assistant in Mathematics, two months from June 16, 1961, \$900 a month (6-24-61).
- TUMAN, VLADIMIR S., Associate Professor of Petroleum Engineering (Mining and Metallurgical Engineering) (C), two months from June 16, 1961, \$983.33 a month; this is in addition to his present appointment (6-6-61).

- UHLIR, RICHARD, Research Assistant in the Institute for Research on Exceptional Children, two months from June 16, 1961, \$500 a month (6-30-61).
- UNFER, LOUIS, Associate Professor of History (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$1,734, supersedes (7-18-61).
- VAISHNAV, RAMESHCHANDRA N., Research Associate in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,600 (6-26-61).
- VAN AUKEN, THOMAS V., Research Assistant in Chemistry, two months from June 16, 1961, \$450 a month (6-16-61).
- VANDI, ANTONIO F., Research Associate in Chemistry, three months from June 1, 1961, \$550 a month, supersedes (6-7-61).
- VAN HOLDE, KENSAL E., Research Assistant Professor of Chemistry, two months from June 16, 1961, \$956 a month; this is in addition to his present appointment (6-16-61).
- VAN TUYLE, NANCY C., Counselor in Speech—Summer Residential Program, Summer Session of 1961, June 19-August 12, 1961, \$150 (6-15-61).
- VAN VALKENBURG, MAC E., Associate Director of the Coordinated Science Laboratory on $\frac{3}{4}$ time, and Professor of Electrical Engineering on $\frac{1}{4}$ time (C), two months from July 1, 1961, \$1,777.78 a month; this is in addition to his present appointment (7-13-61).
- VELETOS, ANESTIS S., Professor of Civil Engineering (S), two months from June 16, 1961, \$1,122.22 a month; this is in addition to his present appointment (6-16-61).
- VERBESKI, ARLENE J., Accompanist in Summer Session Youth Music, June 18-July 15, 1961, \$330 (6-30-61).
- VISWANATHAN, L., Research Assistant in Chemistry, one year from June 1, 1961, \$5,500 (7-10-61).
- VON FOERSTER, HEINZ M., Professor of Electrical Engineering (C), two months from June 16, 1961, \$1,488.88 a month; this is in addition to his present appointment (6-5-61).
- WALKER, RICHARD D., Research Associate in the Illinois State Library Research Center, Graduate School of Library Science, ten months from September 1, 1961, \$6,333.33 (7-5-61).
- WARBURTON, FRANK W., Visiting Research Associate in Psychology, two months from July 1, 1961, \$750 a month (7-3-61).
- WAYMAN, CLARENCE M., Associate Professor of Metallurgical Engineering (Mining and Metallurgical Engineering) (C), two months from June 16, 1961, \$844.44 a month; this is in addition to his present appointment (6-5-61).
- WEBBER, CARL E., Research Assistant in Psychology, two months from June 16, 1961, \$422.22 a month (6-16-61).
- WELDEN, LLOYD W., JR., Instructor in Speech and Theatre, academic year beginning September 1, 1961, \$7,000 (7-5-61).
- WETENKAMP, HARRY R., Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1961, \$1,066.67 a month; this is in addition to his present appointment (6-6-61).
- WETTERING, FREDERICK L., Assistant in the Vice-President and Provost's Office, June 16-August 31, 1961, \$422.22 a month (6-16-61).
- WILDING, LAWRENCE P., Assistant in Pedology (Agronomy) (S), June 16-August 31, 1961, \$422.22 a month (7-13-61).
- WILF, HERBERT S., Assistant Professor of Mathematics, Digital Computer Laboratory, two months from June 16, 1961, \$833.33 a month; this is in addition to his present appointment (6-5-61).
- WILK, KENNETH E., Research Assistant in the State Water Survey, one year from July 1, 1961, \$8,100 (7-24-61).
- WILLIAMS, KENNETH L., Research Assistant in Zoology, two months from June 16, 1961, \$1,080 (7-18-61).
- WILLIAMS, RAYMOND E., Assistant Professor of Education and Assistant Dean of the College of Education, Summer Session of 1961, $\frac{1}{2}$ time, June 19-August 12, 1961, \$910 (6-23-61).
- WILLIAMS, THOMAS H., Research Associate in Accountancy, June 20-August 12, 1961, \$1,112; this is in addition to his present appointment (6-16-61).
- WILLS, HERBERT, Research Associate in University High School, academic year beginning September 1, 1961, \$8,500 (6-29-61).

- WILMOT, LYMAN J., Assistant in Mathematics, Summer Session of 1961, June 19-August 12, 1961, \$845 (6-15-61).
- WILMS, ERNEST, Research Associate in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1961, \$5,400 (6-26-61).
- WILSON, HOWARD B., JR., Research Associate in Theoretical and Applied Mechanics (C), one year from June 16, 1961, \$7,500 (6-23-61).
- WINKLER, JOHN K., Instructor in Veterinary Extension (College of Veterinary Medicine and Extension Service in Agriculture and Home Economics), July 1, 1961-August 31, 1962, \$8,500 a year (7-13-61).
- WOLFE, RALPH S., Associate Professor of Microbiology, two months from June 16, 1961, \$1,166.66 a month; this is in addition to his present appointment (6-5-61).
- YAMANE, TETSUO, Research Associate in Microbiology, August 1, 1961-August 31, 1962, \$8,400 a year (7-19-61).
- YAMASHITA, EIICHI, Research Assistant in Electrical Engineering (S), one year from September 1, 1961, \$5,200 (6-24-61).
- ZARING, WILSON M., Assistant Professor of Mathematics, June 19-August 12, 1961, \$944.50 a month; this is in addition to his present appointment (6-24-61).
- ZIESERL, JOHN F., JR., Assistant in Plant Physiology (Agronomy) (S), June 16-August 31, 1961, \$433.33 a month (6-24-61).
- ZIOLKOWSKI, EDMUND M., Research Assistant in Medicine (Medicine), three months from June 1, 1961, without salary, supersedes (6-30-61).
- ZIRNER, LUDWIG, Professor of Music and Summer Session Youth Music, June 19-August 12, 1961, \$2,267, supersedes (7-19-61).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- ALPERT, HUBERT J., Alternative Quarter Medical Student Fellow (Summer) (Chicago Professional Colleges), July 1-September 15, 1961, \$300 (5-3-61).
- ARANA-SIALER, JOSE, United States Public Health Service Postdoctoral Fellow (Foreign) in Medicine (Chicago Professional Colleges), one year from July 1, 1961, \$6,000 (6-28-61).
- ARONSON, NEIL, University Summer Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61).
- ATKINS, GLADYS, University Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61); nine months from September 16, 1961, \$1,500 (3-30-61).
- BAGBY, ROLAND M., United States Public Health Service Fellow (Trainee) in Physiology, one year from June 16, 1961, \$2,666 (6-8-61).
- BAILEY, EDWARD T., Teaching Fellow (Chicago Professional Colleges), nine months from September 16, 1961, \$1,000 (3-31-61); and University Summer Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61).
- BALA, KENNETH E., United States Public Health Service Part-Time Dental Student Research Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$600 (5-10-61).
- BALDWIN, ROBERT, JR., University Summer Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61).
- BARNARD, HERBERT M., Westinghouse Foundation Teaching Fellow in Electrical Engineering, nine months from September 16, 1961, \$2,500 (6-28-61).
- BENAK, STEVE, Alternative Quarter Medical Student Research Fellow (Winter) (Chicago Professional Colleges), January 1-March 15, 1962, \$300 (6-16-61).
- BENDER, LEON, University Summer Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61).
- BOJANOWSKI, ROBERT, United States Public Health Service Fellow (Trainee) in Microbiology, one year from June 16, 1961, \$2,600 (6-7-61).
- BOXER, ROBERT W., United States Public Health Service Fellow (Trainee) in Allergy (Chicago Professional Colleges), one year from July 1, 1961, \$6,000 (6-30-61).
- BRAKE, JON M., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1961, \$466 (6-30-61).

- BRAMS, EMANUEL O., United States Public Health Service Fellow (Trainee) in Endocrinology (Chicago Professional Colleges), one year from July 1, 1961, \$5,500 (7-11-61).
- BRAXTON, MRS. LORETTA M., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$150; and September 1, 1961-June 15, 1962, \$3,000 (5-18-61).
- BRODER, STEFAN I., University Fellow (Chicago Professional Colleges), nine months from September 16, 1961, \$1,800 (6-29-61).
- BRYN, MILO F., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$150; and September 1, 1961-June 15, 1962, \$3,000 (5-18-61).
- BURNETT, RAYMOND G., Alternative Quarter Medical Student Fellow (Summer) (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61).
- BURNS, RICHARD O., United States Public Health Service Fellow (Trainee) in Microbiology, two months from June 16, 1961, \$800 (6-7-61).
- BURROUS, STANLEY, United States Public Health Service Fellow (Trainee) in Microbiology, one year from June 16, 1961, \$3,200 (6-7-61).
- CAMPBELL, CARLOS B. G., United States Public Health Service Post-Sophomore Medical Research Fellow (Chicago Professional Colleges), four months from May 1, 1961, \$3,200, supersedes (4-28-61).
- CAPPEL, CHARLES H., United States Public Health Postdoctoral Fellow (Trainee) in Biophysics Division of School of Life Sciences, June 19-August 19, 1961, \$500 a month (6-30-61).
- CARLSON, RUSSELL, National Science Foundation Research-Trainee (Fellow) (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61).
- CHARNER, BRUCE, United States Public Health Service Fellow-Trainee in Neuropharmacology (Chicago Professional Colleges), July 1-September 15, 1961, \$600 (6-15-61).
- CHENG, TS'AI-YING, United States Public Health Service Fellow (Trainee) in Microbiology, two months from June 16, 1961, \$422.22 (6-6-61).
- CHORDIKIAN, FILOR, United States Public Health Service Fellow (Trainee) in Biological Chemistry (Chicago Professional Colleges), one year from July 1, 1961, \$2,300 (6-22-61).
- CLARKE, GREGORY B., United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1961, \$2,200 (7-10-61).
- CLARKE, RICHARD B., United States Public Health Service Fellow (Trainee) in Chemistry, three months from June 16, 1961, \$1,125 (7-14-61).
- COOK, VIRGINIA A., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$150; and September 1, 1961-June 15, 1962, \$3,000 (5-18-61).
- COPELAND, LEE I., United States Public Health Service Part-Time Dental Student Research Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$600 (5-10-61).
- CORY, ROBERT P., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1961, \$600 (7-6-61).
- CROWELL, NELSON, United States Public Health Service Part-Time Dental Student Research Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$600 (5-10-61).
- DAI, PETER K. H., Gregory Industries Fellow in Civil Engineering, one year from June 16, 1961, \$3,000, supersedes (5-31-61).
- DANIELS, JOHN W., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$240; and September 1, 1961-June 15, 1962, \$4,350 (6-6-61).
- DAVIS, EMILE M., United States Public Health Service Postdoctoral Fellow (Trainee) in Dentistry (Chicago Professional Colleges), March 27-June 30, 1961, \$5,000 a year, and one year from July 1, 1961, \$5,000 (5-2-61).
- DIPERT, ARNOLD W., Collins Radio Company Teaching Fellow in Electrical Engineering, September 16, 1961-January 31, 1962, \$1,000 (6-28-61).
- DOBBS, DAN B., Fellow in Law, June 19-August 12, 1961, \$350 (6-16-61).
- DOSHI, M., University Summer Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61).
- DYSON, ROBERT D., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1961, \$450 (7-10-61).

- EDWARDS, JOHN, United States Public Health Service Fellow (Trainee) in Biological Chemistry (Chicago Professional Colleges), one year from July 1, 1961, \$2,300 (6-22-61).
- EIDLIC, LIA, United States Public Health Service Fellow (Trainee) in Microbiology, two months from June 16, 1961, \$400 (6-6-61).
- EISENMAN, THEODORE, Summer Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61).
- ELLIOTT, EDWARD L., General Electric Foundation Teaching Fellow in Accountancy, nine months from September 16, 1961, \$1,000 (7-6-61).
- ESBIN, JOHN H., JR., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$180; and September 1, 1961-June 15, 1962, \$3,450 (5-18-61).
- EWING, BEN B., Postdoctoral Fellow in Civil Engineering, two months from July 16, 1961, \$600 (6-29-61).
- EYZAGUIRRE, JAIME, United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1961, \$467 (6-8-61).
- FISCHINGER, PETER, National Science Foundation Research Trainee (Fellow) (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61).
- FISHER, THOMAS H., Monsanto Chemical Company Fellow in Chemistry, eleven months from September 16, 1961, \$2,300, superseded (6-9-61).
- FITZGERALD, JAMES E., United States Public Health Fellow in Veterinary Medical Science, one year from June 1, 1961, \$5,200 (5-26-61).
- FOSTER, ALAN G., National Science Foundation Mathematics Institute Fellow in Mathematics, September 1, 1961-June 15, 1962, \$3,000 (5-31-61).
- FRANK, IRA M., United States Public Health Service Fellow-Trainee in Pharmacology (Chicago Professional Colleges), June 15-August 31, 1961, \$500 (6-10-61).
- FREEDMAN, MARVIN, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1961, \$3,000 (6-21-61).
- FRIEDMAN, STEPHEN E., United States Public Health Service Fellow (Trainee) in Microbiology, one year from June 16, 1961, \$3,200 (6-7-61).
- GANTT, RALPH, United States Public Health Service Fellow (Trainee) in Biological Chemistry (Chicago Professional Colleges), one year from July 1, 1961, \$2,300 (6-22-61).
- GARDELLA, LIBERO A., Teaching Fellow (Chicago Professional Colleges), nine months from September 16, 1961, \$1,000 (3-31-61).
- GAUDY, ELIZABETH T., United States Public Health Service Fellow (Trainee) in Microbiology, two months from June 16, 1961, \$800 (6-7-61).
- GENSKOW, JACK, United States Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1961, \$450 (6-28-61).
- GILL, MICHAEL G., University Fellow (Chicago Professional Colleges), nine months from September 16, 1961, \$1,500 (3-30-61).
- GOLBUS, MITCHELL, National Science Foundation Research Trainee (Fellow) (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61).
- GOODMAN, ALAN, University Summer Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61).
- GRABARKIEWITZ, PAUL M., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$270; and September 1, 1961-June 15, 1962, \$4,800 (5-18-61).
- GREEN, MELVIN H., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1961, \$490 (7-6-61).
- GREENE, CHARLES S., United States Public Health Service Part-Time Dental Student Research Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$600 (5-10-61).
- GRIMM, ARTHUR, University Summer Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$750 (4-28-61).
- GROESCHEL, EDWARD C., Campbell Soup Company Summer Fellow in Food Technology, two months from June 16, 1961, \$533.34 (5-29-61).
- GUNTHER, JAY K., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1961, \$423 (6-9-61).
- HABAS, LINDA B., United States Public Health Service Fellow (Trainee) in Physiology, two months from June 16, 1961, \$444.32 (5-25-61); and nine months from September 16, 1961, \$999.72 (5-24-61).

- HALAUS, DIANA, United States Public Health Service Fellow (Trainee) in Microbiology, two months from June 16, 1961, \$700 (6-7-61).
- HALPER, IRA S., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1961, \$2,400 (6-21-61).
- HAMBRIGHT, PATRICIA A., United States Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1961, \$450 (6-28-61).
- HANSON, RICHARD S., United States Public Health Service Fellow (Trainee) in Microbiology, one year from June 16, 1961, \$3,200 (6-7-61).
- HARDY, CAROLINE E., University Fellow (Chicago Professional Colleges), nine months from September 16, 1961, \$1,500 (3-30-61).
- HARMON, JANINE M., University Fellow (Chicago Professional Colleges), for three months from April 1, 1961, \$500 (4-3-61); and July 1-September 15, 1961, \$500 (4-14-61); and nine months from September 16, 1961, \$1,500 (3-30-61).
- HAYASHI, MASAKI, United States Public Health Service Fellow (Trainee) in Microbiology, June 16-September 15, 1961, \$600 (6-27-61).
- HEWITSON, RICHARD, University Summer Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61).
- HOCKING, ROBERT L., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$270; and September 1, 1961-June 15, 1962, \$4,800 (5-18-61).
- HOFFMAN, EDWARD L., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1961, \$2,000 (6-7-61).
- HOFFMAN, GERALD K., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1961, \$3,000 (6-21-61).
- HOLLINGSWORTH, GENE W., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), three months from June 15, 1961, \$600 (6-13-61).
- HOLMES, PETER K., United States Public Health Service Fellow (Trainee) in Microbiology, one year from June 16, 1961, \$2,600 (6-7-61).
- HUNT, SUSAN D., University Fellow (Chicago Professional Colleges), nine months from September 16, 1961, \$1,500 (3-30-61).
- HUSTON, ROBERT B., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1961, \$423 (6-9-61).
- JASINSKI, DONALD R., National Science Foundation Research Trainee (Fellow) (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61).
- JOHNSON, LELAND G., National Science Foundation Cooperative Fellow in Zoology, one year from September 1, 1961, \$2,200 (6-16-61).
- KAEERLE, MERLIN L., United States Public Health Fellow (Trainee) in Veterinary Medical Science, June 16-December 31, 1961, \$1,040 (6-28-61).
- KANEY, ANTHONY R., United States Public Health Service Fellow (Trainee) in Microbiology, one year from June 16, 1961, \$2,400 (6-7-61).
- KANO-SUEOKA, TAMIKO, United States Public Health Service Fellow (Trainee) in Microbiology, one year from June 16, 1961, \$2,400 (6-6-61).
- KATAGUE, DAVID, University Summer Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61).
- KENNY, JOHN W., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1961, \$1,800 (6-7-61).
- KESSLER, ROBERT T., Lederle Research Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$600 (4-17-61).
- KIMURA, HIROSHI, United States Public Health Service Fellow (Trainee) in Food Technology, one year from June 16, 1961, \$2,200 (6-7-61).
- KOMINEK, LEO A., United States Public Health Service Fellow (Trainee) in Microbiology, one year from June 16, 1961, \$2,600 (6-7-61).
- KOPACZYK, KRYSZYNA, United States Public Health Service Fellow (Trainee) in Food Technology, one year from June 16, 1961, \$2,200 (6-13-61).
- LANGFORD, ROBERT P., United States Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1961, \$700 (6-28-61).
- LEE, DONG W., Fellow in Civil Engineering, February 1-June 15, 1962, \$750 (5-4-61).

- LEE, KEUN S., United States Public Health Service Fellow (Trainee) in Physiology, nine months from September 16, 1961, \$2,000 (6-28-61).
- LENER, IRA, National Science Foundation Research Trainee (Fellow) (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-15-61).
- LENER, LEON, University Fellow (Chicago Professional Colleges), nine months from September 16, 1961, \$1,800 (4-13-61).
- LEVIN, ALAN S., National Science Foundation Research Trainee (Fellow) (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61).
- LEVY, WILLIAM, Alternative Quarter Medical Student Fellow (Winter) (Chicago Professional Colleges), January 1-March 15, 1962, \$300 (5-15-61).
- LINDAUER, THEODORE, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1961, \$2,400 (6-21-61).
- LOTT, JAMES L., Engineering Faculty Development Teaching Fellow in Civil Engineering, one year from June 1, 1961, \$2,000 (5-24-61).
- LUSTIG, NOEL, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1961, \$3,000 (6-21-61).
- MAGNUS, DAVID P., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), three months from June 15, 1961, \$600 (6-13-61).
- MAH, GEORGE, Union Carbide Metals Company Fellow in Mining and Metallurgical Engineering, nine months from September 16, 1961, \$1,800 (7-17-61).
- MAILMAN, DAVID, University Summer Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61); and Teaching Fellow (Chicago Professional Colleges), nine months from September 16, 1961, \$1,000 (3-31-61).
- MATZ, MARSHALL, National Science Foundation Research Trainee (Fellow) (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61).
- MAXWELL, GEORGE B., JR., United States Public Health Service Part-Time Dental Student Research Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$600 (5-10-61).
- MCADAMS, HARLEY H., JR., United States Public Health Service Fellow (Trainee) in Biophysics, September 16, 1961-August 15, 1962, \$2,666 (6-14-61).
- MCCLURE, MELVIN T., General Electric Foundation Fellow in Accounting, two months from June 16, 1961, \$500 (6-7-61).
- MCCONNELL, THOMAS S., Alternative Quarter Medical Student Fellow (Spring) (Chicago Professional Colleges), April 1-June 15, 1962, \$500 (4-14-61).
- MCCROREY, LAWRENCE, University Summer Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (7-11-61).
- MCGUIRE, EDWARD, United States Public Health Service Fellow (Trainee) in Biological Chemistry (Chicago Professional Colleges), one year from July 1, 1961, \$2,300 (6-22-61).
- MCQUEEN, RALPH D., National Institutes of Health Fellow (Trainee) in Veterinary Medical Science, one year from July 1, 1961, \$2,900 (7-5-61).
- MEREDITH, MARY J., United States Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1961, \$500 (6-28-61).
- MICEVICIUS, ONA E., Alternative Quarter Medical Student Fellow (Spring) (Chicago Professional Colleges), April 1-June 15, 1962, \$500 (4-25-61).
- MILLER, ALAN M., United States Public Health Service Part-Time Dental Student Research Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$600 (5-10-61).
- MINSEK, ROBERT C., American Cancer Society (Illinois Division) Fellow in Pathology (Chicago Professional Colleges), one year from July 1, 1961, stipend to be paid directly by the American Cancer Society (7-6-61).
- MIZUKAMI, HIROSHI, United States Public Health Service Fellow (Trainee) in Biophysics, one year from July 1, 1961, \$2,666 (6-14-61).
- MORA, FERNANDO, United States Public Health Service Fellow (Trainee) in Microbiology, two months from June 16, 1961, \$800 (6-7-61).
- MORDOCK, JOHN B., JR., United States Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1961, \$500 (6-28-61).
- MOREN, RICHARD I., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1961, \$2,400 (6-27-61).

- MORSETH, LAWYNE N., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$240; and September 1, 1961-June 15, 1962, \$4,350 (5-18-61).
- MURPHY, MARJORY B., Postdoctoral Fellow (Trainee) in Physiology, two months from June 16, 1961, \$888.72 (7-10-61).
- MYERS, DAVID D., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, one year from June 1, 1961, \$4,300 (5-29-61).
- NAIL, BILLY R., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$270; and September 1, 1961-June 15, 1962, \$4,800 (5-18-61).
- NORTON, ALICE L., Katharine L. Sharp Fellow in Library Science, nine months from September 16, 1961, \$500 (6-26-61).
- OHTAKA, YOICHI, Postdoctoral Fellow (Trainee) in Microbiology, one year from July 1, 1961, \$7,200 (6-30-61).
- PAINTER, JOHN H., General Electric Foundation Fellow in Electrical Engineering, nine months from September 16, 1961, \$2,500, supersedes (6-8-61).
- PANDIT, JAY K., University Fellow (Chicago Professional Colleges), April 1-June 30, 1961, \$600 (4-28-61).
- PLEVAN, ROBERT E., American Oil Foundation Fellow in Chemical Engineering, nine months from September 16, 1961, \$1,800 (6-7-61).
- POGUE, DAVID M., National Science Foundation Research Trainee (Fellow) (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61).
- PREVIC, EDWARD, United States Public Health Service Fellow (Trainee) in Biological Chemistry (Chicago Professional Colleges), September 1, 1961-June 30, 1962, \$3,300 (6-23-61).
- PRINCE, THOMAS R., General Electric Foundation Teaching Fellow in Accountancy, nine months from September 16, 1961, \$1,000 (7-6-61).
- RANDELL, MURKY W., United States Public Health Service Part-Time Dental Student Research Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$600 (5-10-61).
- RANNEY, J. AUSTIN, Social Science Research Council Faculty Fellow in Political Science, one year from September 1, 1961, \$13,500 (6-30-61).
- RAPS, SHIRLEY, United States Public Health Service Fellow (Trainee) in Microbiology, two months from June 16, 1961, \$800 (6-7-61).
- REEVE, SYDNEY J., United States Public Health Fellow (Trainee) in Microbiology, two months from June 16, 1961, \$400 (6-6-61).
- REIELS, DARLENE C., University Fellow (Chicago Professional Colleges), nine months from September 16, 1961, \$1,500 (3-30-61).
- REILAND, JOHN, United States Public Health Service Fellow (Trainee) in Microbiology, two months from June 16, 1961, \$600 (6-7-61).
- ROBERTS, VELMA M., United States Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1961, \$500 (6-28-61).
- ROBINSON, GERRIG M., American Cancer Society (Illinois Division) Fellow in Pathology (Chicago Professional Colleges), July 1-September 30, 1961, stipend to be paid by American Cancer Society (7-6-61).
- ROGENESS, GRAHAM A., National Science Foundation Research Trainee (Fellow) (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61).
- RUBINSTEIN, DANIEL, United States Public Health Service Fellow (Trainee) in Biophysics, one year from July 1, 1961, \$2,666 (6-14-61).
- SABINE, JOHN R., United States Public Health Service Fellow (Trainee) in Animal Science, one year from September 1, 1961, \$2,400 (7-11-61).
- SAGEER, KAY E., United States Public Health Service Fellow (Trainee) in Physiology, two months from June 16, 1961, \$444.32; and nine months from September 16, 1961, \$999.72 (5-24-61).
- SAMOS, MARY, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1961, \$3,000 (6-21-61).
- SAMPSON, LAWRENCE M., United States Public Health Service Fellow (Trainee) in Endocrinology (Chicago Professional Colleges), July 1-September 15, 1961, \$600 (7-11-61).
- SAMUELS, ROBERT B., United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1961, \$2,200 (6-5-61).

- SCAPINO, ROBERT, B. B. Rappaport Dental Student Part-Time Research Fellow (Chicago Professional Colleges), six months from July 1, 1961, \$400 (7-6-61).
- SCHAEFFLER, WILHELM F., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, July 1, 1961-February 15, 1962, \$3,000 (6-21-61).
- SCHMALE, JOHN D., Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1961, \$500 (4-14-61).
- SCHNEIDER, JOHN M., Engineering Faculty Development Teaching Fellow in Electrical Engineering, nine months from September 16, 1961, \$1,500 (6-14-61).
- SCHNEIR, MICHAEL, United States Public Health Service Fellow (Trainee) in Biological Chemistry (Chicago Professional Colleges), one year from July 1, 1961, \$2,300 (6-22-61).
- SCHULTENOVER, BERNARD L., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$180; and September 1, 1961-June 15, 1962, \$3,450 (5-18-61).
- SHALLAT, CHARLES, Tobacco Industry Research Committee Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-17-61).
- SHARP, JAMES B., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, one year from June 1, 1961, \$5,500, supersedes (6-2-61).
- SHOEMAKER, JAMES P., United States Public Health Service Fellow (Trainee) in Endocrinology (Chicago Professional Colleges), one year from July 1, 1961, \$6,500 (6-1-61).
- SMITH, THOMAS E., Alfred P. Sloan Faculty Development Teaching Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1961, \$2,400 (6-21-61).
- SPANO, BARTOLO J., United States Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1961, \$500 (6-28-61).
- SWALLOW, RONALD J., United States Public Health Service Fellow (Trainee) in Biophysics, one year from July 1, 1961, \$2,666 (6-14-61).
- TWAROG, ROBERT, United States Public Health Service Fellow (Trainee) in Microbiology, one year from June 16, 1961, \$2,800 (6-7-61).
- UNGER, LEON, United States Public Health Service Fellow (Trainee) in Microbiology, two months from June 16, 1961, \$800 (6-7-61).
- VAICHULIS, EUGENE, University Summer Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61); and Teaching Fellow (Chicago Professional Colleges), nine months from September 16, 1961, \$1,000 (3-31-61).
- VANDEBORRE, ROGER, L. J. Norton Memorial Fellow in Agricultural Economics, nine months from September 16, 1961, \$1,800 (5-29-61).
- VAN TASSEL, ROYAL D., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$270; and September 1, 1961-June 15, 1962, \$4,800 (5-18-61).
- VICTOR, THOMAS, Lederle Research Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$600 (4-17-61).
- WAGNER, CURTIS A., National Science Foundation Cooperative Fellow in Physics, one year from September 16, 1961, \$2,200, supersedes (6-1-61).
- WALCH, DAVID B., Lois Wells Irwin Fellow in Library Science, nine months from September 16, 1961, \$500 (6-5-61).
- WALSH, PATRICIA, United States Public Health Service Fellow (Trainee) in Biological Chemistry (Chicago Professional Colleges), one year from July 1, 1961, \$2,300 (6-22-61).
- WANG, CHUNG-LEI, Fellow in Electrical Engineering, nine months from September 16, 1961, \$1,500 (6-8-61).
- WATSON, JAMES R., University Fellow (Chicago Professional Colleges), nine months from September 16, 1961, \$1,800 (3-30-61).
- WEARY, MARLYS E., University Summer Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61); and Teaching Fellow (Chicago Professional Colleges), nine months from September 16, 1961, \$1,000 (3-31-61).
- WEBER, DENNIS F., United States Public Health Service Postdoctoral Fellow (Trainee) in Dentistry (Chicago Professional Colleges), four months from May 1, 1961, \$1,667, supersedes; and one year from September 1, 1961, \$5,000 (4-26-61).

- WEISSMAN, DONALD, United States Public Health Service Part-Time Dental Student Research Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$600 (5-10-61).
- WHITE, JOHN M., Robert F. Carr Fellow in Chemistry, two months from June 16, 1961, \$400 (5-26-61).
- WHITFIELD, HARVEY J., JR., University Summer Fellow (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (5-5-61).
- WHITMAN, JOHN, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1961, \$3,600 (6-21-61).
- WILSON, JOHN E., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1961, \$423 (6-6-61).
- WINBERG, JACK, Alternative Quarter Medical Student Fellow (Summer) (Chicago Professional Colleges), July 1-September 15, 1961, \$500 (4-14-61).
- WOODFIN, BEULAH M., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1961, \$467 (6-9-61).
- ZALIS, ORESTE, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1961, \$3,600 (6-21-61).
- ZARONE, VINCENT P., JR., Alternative Quarter Medical Student Research Fellow (Spring) (Chicago Professional Colleges), April 1-June 15, 1962, \$500 (5-1-61).
- ZARYCKY, OKSANA, United States Public Health Service Fellow (Trainee) in Biological Chemistry (Chicago Professional Colleges), one year from July 1, 1961, \$2,100 (6-22-61).
- ZIEGLER, WILFRED H., United States Public Health Service Fellow (Trainee) in Biophysics, September 16, 1961-August 15, 1962, \$2,666 (6-14-61).

RESIGNATIONS AND DECLINATIONS

- ALLEN, DAVID T., Teaching Fellow in Chemistry—resignation effective September 16, 1961.
- BEMBEN, STANLEY M., Engineering Faculty Development Teaching Fellow in Civil Engineering—resignation effective June 15, 1961.
- BERGER, JEAN, Associate Professor of Music—resignation effective September 1, 1961.
- BROWN, EDWARD J., Research Assistant Professor of Mechanical Engineering—resignation effective September 1, 1961.
- CAMBLIN, BOB, Instructor in Art—resignation effective September 1, 1961.
- COBIN, MARTIN T., Associate Professor of Speech—resignation effective September 1, 1961.
- DICKETT, GUST W., Instructor in Economics (Chicago Undergraduate Division), Summer Session of 1961—resignation effective June 23, 1961.
- DREHER, JOHN F., Instructor in General Engineering—resignation effective September 1, 1961.
- ELLS, KENNETH W., Associate Professor of Psychology and Research Counselor in the Student Counseling Service—resignation effective August 18, 1961.
- ELIISON, FRED P., Associate Professor of Spanish—resignation effective September 1, 1961.
- ELSEY, JOHN C., Instructor in Electrical Engineering, Summer Session of 1961—declination effective June 19, 1961.
- FELDMAN, ARTHUR, Assistant Professor of Civil Engineering—resignation effective September 1, 1961.
- FITZGERALD, JAMES E., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine)—resignation effective June 1, 1961.
- FRANZEN, ANNA J., Instructor in Nursing—resignation effective August 31, 1961.
- FROSIO, EUGENE T., Cataloger in the Library, with rank of Instructor—resignation effective September 1, 1961.
- GAUDY, ANTHONY F., JR., Assistant Professor of Sanitary Engineering—resignation effective September 1, 1961.
- GOLDBERG, JOSEPH H., Assistant Professor of Aeronautical Engineering—resignation effective September 1, 1961.
- GROVE, PEARCE S., Acting Serials and Acquisitions Librarian, with rank of Instructor (Chicago Undergraduate Division)—resignation effective September 1, 1961.

- GUSTAFSON, W. A., Clinical Professor of Neurological Surgery (Medicine) — resignation effective September 1, 1961.
- HAKIMI, SEIFOLLAH, Assistant Professor of Electrical Engineering — resignation effective September 1, 1961.
- HAKKI, BASIL W., Research Assistant Professor of Electrical Engineering — resignation effective September 1, 1961.
- HARPER, MRS. ANNE Y., Research Assistant in the Bureau of Economic and Business Research — resignation effective July 9, 1961.
- HARVEY, ROBERT O., Professor of Finance, Summer Session of 1961 — resignation effective August 1, 1961.
- HELDT, CARL R., Assistant Professor of Art — resignation effective June 1, 1961.
- HODLEY, PETER G., Research Assistant in Civil Engineering — resignation effective June 16, 1961.
- HOPPMAN, J. DAVID, Assistant in Veterinary Pathology and Hygiene (College of Veterinary Medicine) — resignation effective August 1, 1961.
- HUBER, EDWARD A., Research Assistant Professor in the Coordinated Science Laboratory — resignation effective July 16, 1961.
- IHRIG, HARRY K., Engineering Faculty Development Teaching Fellow in Mechanical Engineering — resignation effective July 1, 1961.
- JENKINS, JOHNIE N., Research Associate in Agronomy — resignation effective July 1, 1961.
- JOHNSON, DALE R., Instructor in Architecture — resignation effective September 1, 1961.
- KARNI, SHLOMO, Assistant Professor of Electrical Engineering — resignation effective September 1, 1961.
- KLOTZ, LOUIS H., Research Associate in Civil Engineering — resignation effective September 1, 1961.
- KOCH, MRS. HARRIET B., Instructor in Nursing — resignation effective September 1, 1961.
- LAYTON, DONALD D., Clinical Instructor in Neurology (Medicine) — resignation effective September 1, 1961.
- LEAF, GARY K., Research Assistant in Mathematics (6-16-61/8-15-61) — resignation effective June 16, 1961.
- LESCHER, ALFRED, Pharmacy Resident in Hospital Pharmacy (Pharmacy) — resignation effective May 1, 1961.
- LIU, HAO W., Research Assistant Professor of Theoretical and Applied Mechanics — resignation effective September 1, 1961.
- LOMACK, SAMUEL, Instructor in General Engineering — resignation effective September 1, 1961.
- LOOMIS, BARBARA, Instructor in Occupational Therapy (Medicine) — resignation effective September 1, 1961.
- MACK, CHARLES B., Project Assistant in the State Natural History Survey — resignation effective June 4, 1961.
- MACKAY, ROLAND P., Professor of Neurology (Neurology and Neurological Surgery) (Medicine) — resignation effective September 1, 1961.
- MALM, NORMAN R., Research Associate in Plant Pathology — resignation effective June 15, 1961.
- MCCARTHY, JAMES J., Research Assistant Professor in the Institute for Research on Exceptional Children — resignation effective July 1, 1961.
- MC CONOCHIE, JEAN A., Summer Fellow in Speech — resignation effective June 16, 1961.
- MCMANARA, ANN J., Assistant Dean of Women — resignation effective September 1, 1961.
- MITCHELL, HENRY, Engineering Faculty Development Research Fellow in Civil Engineering — resignation effective June 15, 1961.
- MUNO, FRANK J., JR., Registered Pharmacist in Manufacturing Pharmacy (Pharmacy) — resignation effective September 1, 1961.
- NICKELSON, WILLIS F., Instructor in Animal Science Extension — resignation effective June 8, 1961.
- PEARSON, ERWIN W., Research Assistant in the State Natural History Survey — resignation effective July 15, 1961.
- PEART, ROBERT M., Assistant Professor of Agricultural Engineering — resignation effective September 1, 1961.

- PIPER, THERON S., Assistant Professor of Inorganic Chemistry, Summer Session of 1961—resignation effective June 19, 1961.
- PORTER, CHARLES B., Associate Professor of Industrial Education—resignation effective September 1, 1961.
- PROEHL, PAUL O., Associate Professor of Law—resignation effective September 1, 1961.
- QUINN, JOHN A., Assistant Professor of Chemical Engineering, Summer Session of 1961—resignation effective June 19, 1961.
- RAO, MURTY B., Assistant in Food Technology—resignation effective July 16, 1961.
- ROBB, DAVID C. N., Research Associate in Civil Engineering—resignation effective September 1, 1961.
- ROSE, KENNETH, Research Assistant in Electrical Engineering—resignation effective June 24, 1961.
- ROSENSTEIN, DOROTHY, Instructor in the School of Social Work—resignation effective September 1, 1961.
- ROSTAS, FRANCOIS, Research Assistant in Electrical Engineering—resignation effective July 13, 1961.
- ROWLEY, JANET D., Clinical Instructor in Neurology (Medicine)—resignation effective July 7, 1961.
- SILLIMAN, JANET C., Assistant in Nursing—resignation effective September 1, 1961.
- SOUTH, FRANK E., JR., Assistant Professor of Physiology (Medicine)—resignation effective September 1, 1961.
- STANNARD, EDWARD A., Instructor in Aeronautical Engineering—resignation effective September 1, 1961.
- STONE, ALEXANDER P., Research Assistant in the Digital Computer Laboratory (6-16-61/8-15-61)—declination effective June 16, 1961.
- STROM, CHARLES R., Engineering Faculty Development Teaching Fellow in Aeronautical Engineering—resignation effective June 16, 1961.
- SUZUKI, MICHIO, Professor of Mathematics (summer contract 6-16-61/8-15-61)—declination effective June 16, 1961.
- TIRITILLI, ERNEST C., Physician in the Health Service—resignation effective July 14, 1961.
- TREMBLY, DEAN, Instructor in Physical Education for Men—resignation effective September 1, 1961.
- UTLEY, DAVID G., Assistant to the Director of the Office of Foreign Students—resignation effective September 1, 1961.
- VARADANI, PARTAB T., Research Associate in Animal Science—resignation effective August 20, 1961.
- WATTS, JAMES B., Bibliographer in the Library, with rank of Instructor—resignation effective September 1, 1961.
- WERDEN, JANE, Associate Professor of Home Economics—resignation effective September 1, 1961.
- WILLIAMS, EDWARD W., Assistant in Animal Science—resignation effective June 16, 1961.
- WIRTH, ARTHUR G., Visiting Lecturer in Education, Summer Session of 1961—resignation effective June 19, 1961.
- YOUNG, ALINE O., Instructor in Nursing—resignation effective September 1, 1961.

LEAVES OF ABSENCE

- HERMAN, CHARLES E., Superintendent of Print Shop—leave of absence, with full pay, from June 1 through August 31, 1961, on account of disability.
- KOESTER, LOUIS J., JR., Research Associate Professor of Physics, in the Engineering Experiment Station—leave of absence, without pay, one month from July 1, 1961.
- LIEBERMAN, DAVID S., Professor of Metallurgical Engineering, in the Department of Mining and Metallurgical Engineering, in the College of Engineering—leave of absence, without pay, from September 1, 1961, through August 31, 1962.
- McCUE, J. E., Douglas County Farm Adviser—leave of absence, with full pay, for six months from April 1, 1961, on account of illness.

STEINKAMP, STANLEY W., Research Assistant Professor, in the Bureau of Economic and Business Research, in the College of Commerce and Business Administration—leave of absence, without pay, from July 22, 1961, through August 31, 1961.

EXECUTIVE SESSION

On motion of Mr. Dilliard, an executive session was ordered, to be held after luncheon, for consideration of matters relating to property acquisitions and personnel.

The Board recessed for luncheon.

The Board reconvened at 2:00 p.m. All members of the Board, and officers of the University as recorded at the beginning of these minutes, were present, with the exception of Mr. Swain who asked to be excused.

The Board considered the following reports and recommendations from the President of the University.

ACQUISITION OF PROPERTY AT 106 NORTH ROMINE STREET, URBANA

(1) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 106 North Romine Street, Urbana, at a price of \$32,500, the appraised value, as a site to provide for the expansion of the Digital Computer Laboratory.

The property consists of a lot 72½ feet by 100 feet and a two-story and basement frame residence which has been used as a student rooming house. The building is in such a poor state of repair that renovation of it for University use would not be justified. It is proposed to remove the building and use the land as a parking lot until it needs to be taken over for the expansion of the Digital Computer Laboratory.

The University has been trying to acquire this property since 1955 but until now the asking price was \$45,000, which was considered excessive. The owner has recently expressed an interest in selling at a price based on an appraised value. Submitted herewith is a copy of the letter written to the owner specifying the terms of the purchase and a copy is being filed with the Secretary of the Board for record.

I concur in the recommendation for the purchase of this property on the terms indicated, subject to the availability of funds.

The proposal was presented to the Committee on Buildings and Grounds on June 21 and the Committee is prepared to support this recommendation.

On motion of Mr. Johnston, the purchase of this property on the terms recommended was authorized, subject to availability of funds. This action was taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner. Mr. Swain.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(2) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendations relating to inventions by members of the staff.

1. Holding device for aseptic dissection of small animals ("Aseptigrip")—Dean H. Ferris, Associate Professor of Veterinary Pathology and Hygiene and of Veterinary Research, and Leslie Ivan Elder, Sr., Herdsman in the Dairy Science Department, inventors. This device consists of a metal platform with holes around the periphery to hold clips attached with springs or rubber tubing. The clips hold the animal's limbs and also fur, skin, and tissue layers out of the way to allow aseptic dissection. The anesthetized animal can be held in position and the body cavity opened without danger of contamination by hair or muscle layers.

Based upon the opinion of the Dean of the College of Veterinary Medicine

that there are doubtful commercial possibilities, the Committee recommends that this invention be released to the inventors.

2. "Aquatic macrolarvae collector"—Deam H. Ferris, Associate Professor of Veterinary Pathology and Hygiene and of Veterinary Research, inventor. This device consists of a funnel made of noncorrosive wire mesh, with noncorrosive metal supports, attached to a small receptacle which can be removed and attached by means of a threaded connection. The "aquatic macrolarvae collector" concentrates the larval forms, yet keeps them adequately covered with water.

Based upon the opinion of the Dean of the College of Veterinary Medicine that there are doubtful commercial possibilities, the Committee recommends that this invention be released to the inventor.

I concur in these recommendations.

On motion of Mr. Clement, these recommendations were approved.

ADMINISTRATIVE SALARIES

At the request of Mr. Johnston, the President of the Board ordered the room cleared of all except Trustees, for consideration of certain administrative salaries. At the conclusion of this session, action was deferred on the matter until a later meeting of the Board.

COMPLAINT OF ALVIN W. CROWLEY

President Williamson informed the Board that Mr. Alvin W. Crowley, a former nonacademic employee, has requested a hearing by the Board of Trustees regarding termination of his employment. This request had previously been presented by Mr. Crowley to the Executive Committee at its meeting on July 25, 1961. It was the consensus of the Committee that a hearing of Mr. Crowley's complaint by the Board is not in order, but that it is a matter for the Merit Board of the University Civil Service System.

The Board concurred in the judgment of the Executive Committee.

On motion of Mr. Johnston, the Board adjourned.

A. J. JANATA

Secretary

KENNEY E. WILLIAMSON

President

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APPENDIX

UNIVERSITY OF ILLINOIS INTERNAL BUDGET FOR 1961-62

(Approved by the Board of Trustees, August 10, 1961, page 646)

EXPLANATORY NOTES

This budget consists of three volumes:

- I. Summaries of all divisions; Urbana-Champaign divisions and general University administration—academic and administrative salaries, wages, expense, and equipment.
- II. Chicago Professional Colleges (including Division of Services for Crippled Children), and Chicago Undergraduate Division—academic and administrative salaries, wages, expense, and equipment.
- III. Nonacademic salaries, all divisions.

Appropriations for salaries are available for the term indicated in each case but not for more than one year from September 1, 1961.

When appointments are made at salary rates less than the amounts provided in the budget, the unused balance is lapsed at that time, resulting in a reduction in the budget.

Funds appropriated for positions in the salary budget which are not yet filled may be used to hire employees temporarily engaged to do the work contemplated by the position upon proper authorization of the Bursar, Chicago Business Office, or Office of Nonacademic Personnel, so long as such temporary charges do not exceed the amount of time provided by the position.

All unexpended balances remaining in the salary budget lapse at the close of each calendar month unless previously assigned or encumbered. Such lapses do not result in a reduction in the budget.

Departmental appropriations are made under the captions "Salaries" and "Wages, Expense, and Equipment." Transfers may be made between "Salaries" and "Wages, Expense, and Equipment" upon approval of the Vice-President and Provost, except that transfers between salaries and wages may be made by the Vice-President and Comptroller to the extent of the full-time equivalence of the salary positions. All requests for transfers should be submitted through the Vice-President and Comptroller, with the reason for the transfer. Nonrecurring unassigned items may be assigned to departments for equipment or minor remodeling projects, merely upon notice to the Accounting Division, except that any assignment of more than \$1,000 must first be approved by the Vice-President and Provost.

Appropriations for expense, equipment, and wages are available for one year beginning July 1, 1961. All balances and overdrafts in regular appropriations will be carried forward to 1962-63 unless otherwise notified by the Business Office.

All budgets of auxiliary enterprises, cooperative investigations, other trust funds, and restricted budgets are on an estimated basis. Appropriations are limited to actual income, but any balances or receipts in excess of the estimate are appropriated for the operation of the activity. Salary appointments may be cancelled if the funds for cooperative investigations are withdrawn.

Explanatory Notes on the Salary Budget

1. The services required for members of the academic and administrative staff are in accordance with Section 37 of the University of Illinois Statutes and Section 26 of the General Rules Concerning University Organization and Procedure.

a. For positions or portion of positions indicated as "Y," services are required for twelve months, with one month for vacation. No additional compensation is allowed for summer services for any salary or portion of salary indicated as "Y."

b. For positions or portion of positions in the academic budget not indicated as "Y," services are required only during the academic year of two semesters (three terms in the Chicago Professional Colleges). Summer session teaching, if required, will be covered by an additional appointment with salary.

2. Services of the nonacademic staff are in accordance with Civil Service regulations. All positions are for twelve months' service, less vacation, unless otherwise indicated.

Tenure Symbols (a number following indicates percentage of time)

- A—Indefinite tenure, payable in twelve monthly installments.
 B—Two years from September, 1961, payable in twelve installments annually.
 D—One year, payable in twelve installments from September 1, 1961.
 E—The academic year 1961-62, payable during nine months from September 16.
 F—One year from effective date indicated (other than September 1).
 G—For the period indicated (less than one year and not on "Y" status).
 Y—Indicates that services are required throughout the year, except for allowable vacation, without additional compensation.
 N—In accordance with Civil Service regulations, effective July 1, 1961, with payments on a monthly basis.
 NS—Same as N, except work week is five and one-half days.
 H—Same as N, but with payments on an hourly basis. Amount indicated is estimated annual salary based on normal number of hours.
 P—Same as H, but at prevailing rates.
 Z—Indicates person's name appears in two or more budgets.
 R—On retirement annuity from University Retirement System.
 RA—Receiving retiring allowance from the University (old system).

In the College of Agriculture, additional symbols are used to designate fund, as explained in the Agriculture Summary. In Engineering, "C" and "S" indicate College and Station.

Perquisite Designation

- Perquisites University — Perquisites for the convenience of the University.
 Perquisites Employee — Perquisites for the convenience of the employee.
 Dollar amounts do not include any perquisites for the convenience of the University.

COMPARATIVE SUMMARY OF INCOME AND APPROPRIATIONS

	1960-61 Revised	1961-62 Proposed
Estimated Income		
General.....	\$64 455 000	\$ 70 978 000
Restricted.....	34 851 116	37 618 325
<i>Total, Estimated Income.....</i>	<i>\$99 306 116</i>	<i>\$108 596 325</i>
Appropriations by Board of Trustees		
From General Income.....	\$64 425 106	\$ 70 687 806
From Restricted Income.....	34 851 116	37 618 325
<i>Total, Appropriations.....</i>	<i>\$99 276 222</i>	<i>\$108 306 131</i>
<i>Unappropriated Balance from General Income.....</i>	<i>\$ 29 894</i>	<i>\$ 290 194</i>
	Proposed	Per Cent
Income by Source	1961-62	
State Appropriations.....	\$ 63 646 500	58.6
Federal Appropriations.....	3 459 530	3.2
Student Fees.....	4 775 000	4.4
Sales and Services.....	4 200 623	3.9
Endowments, Contracts, and Gifts.....	16 450 150	15.1
<i>Total, Educational and General.....</i>	<i>(92 531 803)</i>	<i>(85.2)</i>
Auxiliary Enterprises.....	14 269 522	13.1
Student Aid and Noneducational.....	1 795 000	1.7
<i>Total, Income.....</i>	<i>\$108 596 325</i>	<i>100.0</i>
Appropriations by Function		
Administration and General.....	\$ 6 181 340	5.7
Security Benefits.....	2 649 753	2.4
Instruction and Departmental Research.....	32 840 024	30.3
Activities Relating to Instruction.....	7 490 837	6.9
Organized Research.....	19 973 501	18.5
Extension and Public Services.....	10 613 035	9.8
Libraries.....	2 367 027	2.2
Physical Plant.....	9 758 492	9.0
<i>Total, Educational and General.....</i>	<i>(91 874 009)</i>	<i>(84.8)</i>

	<i>Proposed 1961-62</i>	<i>Per Cent</i>
Auxiliary Enterprises.....	14 269 522	13.2
Student Aid and Noneducational.....	2 162 600	2.0
<i>Total, Appropriations.....</i>	<i>\$108 306 131</i>	<i>100.0</i>
<i>Appropriations by Location</i>		
Urbana-Champaign (includes state-wide services).....	\$ 79 665 835	73.6
Chicago Professional Colleges (includes Crippled Children).....	23 309 012	21.5
Chicago Undergraduate Division.....	5 331 284	4.9
<i>Total, Appropriations.....</i>	<i>\$108 306 131</i>	<i>100.0</i>

**SUMMARY OF CHANGES IN APPROPRIATIONS
FROM GENERAL FUNDS**

	<i>Revised Budget 1960-61</i>	<i>Increase</i>	<i>Proposed Budget 1961-62</i>
<i>Urbana-Champaign</i>			
Agriculture.....	\$6 311 303	\$ 516 908	\$6 828 211
Commerce and Business Administration.....	1 552 135	170 075	1 722 210
Education.....	1 541 910	135 215	1 677 125
Engineering.....	4 785 248	352 189	5 137 437
Fine and Applied Arts.....	2 017 395	191 380	2 208 775
Graduate College.....	1 048 075	52 632	1 100 707
Journalism and Communications.....	630 890	30 995	661 885
Law.....	313 210	32 590	345 800
Liberal Arts and Sciences.....	7 491 546	1 118 379	8 609 925
Physical Education.....	770 913	98 305	869 218
University Extension.....	651 574	37 248	688 822
Veterinary Medicine.....	509 205	62 051	571 256
Armed Forces.....	33 720	2 140	35 860
Aviation.....	415 402	19 510	434 912
Government and Public Affairs.....	75 010	3 390	78 400
Labor and Industrial Relations.....	275 140	25 155	300 295
Social Work.....	150 440	17 680	168 120
Summer Session.....	845 550	225 056	1 070 606
University Press.....	108 020	8 460	116 480
Library and Library School.....	1 959 610	190 702	2 150 312
Physical Plant.....	5 278 963	499 961	5 778 924
Administration and General.....	5 849 446	1 011 723	6 861 169
<i>Total, Urbana-Champaign.....</i>	<i>(42 614 705)</i>	<i>(4 801 744)</i>	<i>(47 416 449)</i>
<i>Chicago Professional Colleges</i>			
Medicine.....	3 715 707	226 851	3 942 558
Dentistry.....	975 630	102 313	1 077 943
Pharmacy.....	547 182	40 376	587 558
Graduate College.....	48 830	470	49 300
Nursing.....	178 853	20 737	199 590
Crippled Children.....	1 667 610	97 210	1 764 820
Physical Education.....	17 750	7 650	25 400
Aeromedical Laboratory.....	95 040	5 092	100 132
Research and Education Hospitals.....	6 130 664	391 172	6 521 836
Library.....	138 080	11 585	149 665
Physical Plant.....	2 944 214	58 388	3 002 602
Administration and General.....	843 063	62 751	905 814
<i>Total, Chicago Professional Colleges.....</i>	<i>(17 302 623)</i>	<i>(1 024 595)</i>	<i>(18 327 218)</i>
<i>Chicago Undergraduate Division</i>			
Academic Divisions.....	2 420 173	288 485	2 708 658
Library.....	176 180	13 260	189 440
Physical Plant.....	946 440	21 876	968 316
Administration and General.....	639 985	137 740	777 725
<i>Total, Chicago Undergraduate Division.....</i>	<i>(4 182 778)</i>	<i>(461 361)</i>	<i>(4 644 139)</i>
<i>Refunds and Reappropriations.....</i>	<i>325 000</i>	<i>-25 000</i>	<i>300 000</i>
<i>Unappropriated.....</i>	<i>29 894</i>	<i>260 300</i>	<i>290 194</i>
<i>Total, Entire University.....</i>	<i>\$64 455 000</i>	<i>\$6 523 000</i>	<i>\$70 978 000</i>

**SUMMARY OF SALARY POSITIONS, WITH CHANGES FROM 1960-61
GENERAL FUNDS ONLY**

	<i>Academic Staff</i>		<i>Nonacademic Staff</i>	
	<i>Full-Time Equivalent</i>	<i>Change from 1961-62</i>	<i>Full-Time Equivalent</i>	<i>Change from 1960-61</i>
<i>Urbana-Champaign</i>				
Agriculture.....	537.03	3.50	293.40	3.86
Commerce and Business Administration.....	163.57	10.51	30.50	2.50
Education.....	146.36	2.05	40.00	1.50
Engineering.....	410.75	9.98	152.25	3.50
Fine and Applied Arts.....	213.29	9.76	29.00	.00
Graduate College.....	60.03	3.18	30.92	.50
Journalism and Communications.....	32.93	-.40	39.25	.20
Law.....	20.13	.50	7.00	1.00
Liberal Arts and Sciences.....	966.71	102.84	148.00	14.63
Physical Education.....	92.05	7.00	26.38	1.25
University Extension.....	22.21	-1.29	24.20	-1.00
Veterinary Medicine.....	35.77	.50	25.87	1.00
Armed Forces.....	.30	.00	7.00	.00
Aviation.....	19.50	.00	23.00	.00
Government and Public Affairs.....	6.27	-.08	2.50	.00
Labor and Industrial Relations.....	21.58	.55	10.50	.00
Social Work.....	11.50	1.00	4.50	.00
University Press.....	8.00	.00	6.50	.00
Library and Library School.....	136.00	2.50	118.75	9.00
Physical Plant.....	7.00	1.00	45.41	.00
Administration and General.....	111.92	10.80	371.85	37.25
<i>Total, Urbana-Champaign</i>	<i>(3,022.90)</i>	<i>(163.90)</i>	<i>(1,436.78)</i>	<i>(75.19)</i>
<i>Chicago Professional Colleges</i>				
Medicine.....	238.83	.54	140.50	.00
Dentistry.....	57.12	4.75	57.53	1.00
Pharmacy.....	53.25	2.00	19.00	.00
Graduate College.....	.10	.00	1.00	.00
Nursing.....	22.00	1.30	4.00	.00
Crippled Children.....	1.00	.00	49.00	.00
Physical Education.....	1.00	.00	2.00	1.00
Aeromedical Laboratory.....	4.00	.00	6.00	.00
Research and Educational Hospitals.....	4.67	.00	694.00	10.00
Library.....	7.00	.00	8.00	1.00
Physical Plant.....	1.00	.00	38.80	4.00
Administration and General.....	14.90	.00	95.36	1.00
<i>Total, Chicago Professional Colleges</i>	<i>(404.87)</i>	<i>(8.59)</i>	<i>(1,115.19)</i>	<i>(18.00)</i>
<i>Chicago Undergraduate Division</i>				
Academic Divisions.....	301.57	26.38	34.88	1.00
Library.....	11.50	1.50	14.00	-1.00
Physical Plant.....	.00	.00	7.88	.00
Administration and General.....	27.23	2.90	51.06	2.40
<i>Total, Chicago Undergraduate Division</i>	<i>(340.30)</i>	<i>(30.78)</i>	<i>(107.82)</i>	<i>(2.40)</i>
<i>Total, Entire University</i>	<i>3,768.07</i>	<i>203.27</i>	<i>2,659.79</i>	<i>95.59</i>

ESTIMATED INCOME

<i>Education and General Public Appropriations</i>	<i>General Income</i>	<i>Restricted Income</i>	<i>Total</i>
<i>State</i>			
For Current Operations.....	\$63 450 000	.....	\$63 450 000
For Institution for Tuberculosis Re- search.....	.....	\$ 86 500	86 500
For Police Training Institute.....	.....	50 000	50 000
Vocational Education.....	60 000	.....	60 000
<i>Total, State</i>	<i>(63 510 000)</i>	<i>(136 500)</i>	<i>(63 646 500)</i>

¹ Not including approximately 1,500 full-time equivalent paid from wages.

	<i>General Income</i>	<i>Restricted Income</i>	<i>Total</i>
Federal			
Morrill-Nelson, Bankhead-Jones Acts	156 905	.....	156 905
Hatch Acts.....	.....	690 170	690 170
Regional Research Act.....	.....	158 175	158 175
Agricultural Marketing Act Title II..	.....	6 150	6 150
Research and Marketing Extension Act.....	.....	28 900	28 900
Smith-Lever.....	.....	1 677 766	1 677 766
Social Security Act — Services for Crippled Children.....	.....	741 464	741 464
<i>Total, Federal.....</i>	<i>(156 905)</i>	<i>(3 302 625)</i>	<i>(3 459 530)</i>
Fees			
Student Fees.....	5 100 000	.....	5 100 000
Less Fees for Housing.....	-600 000	.....	-600 000
Net Student Fees.....	(4 500 000)	.....	(4 500 000)
Extension Fees.....	275 000	.....	275 000
<i>Total, Fees.....</i>	<i>(4 775 000)</i>	.....	<i>(4 775 000)</i>
Sales and Services of Educational Departments and Miscellaneous Current Income			
Research and Educational Hospitals...	950 000	275 491	1 225 491
Dentistry.....	135 000	2 600	137 600
Aviation.....	.....	344 450	344 450
Agriculture.....	127 500	483 782	611 282
Education.....	.....	53 500	53 500
Investment Income.....	250 000	.....	250 000
Veterinary Medicine.....	.....	68 920	68 920
University Press.....	.....	365 790	365 790
University Extension.....	.....	554 890	554 890
All Other.....	223 595	365 105	588 700
<i>Total, Sales and Services of Educa- tional Departments and Miscel- laneous Current Income.....</i>	<i>(1 686 095)</i>	<i>(2 514 528)</i>	<i>(4 200 623)</i>
Trust Income for Educational Purposes			
Endowment Income.....	.....	144 470	144 470
Gifts from Private Sources, Urbana...	75 000	2 797 000	2 872 000
Gifts from Private Sources, Chicago...	25 000	705 000	730 000
U.S. Contracts.....	.....	10 994 150	10 994 150
Indirect Costs, Urbana.....	250 000	1 065 230	1 315 230
Indirect Costs, Chicago.....	200 000	194 300	394 300
<i>Total, Trust Income.....</i>	<i>(550 000)</i>	<i>(15 900 150)</i>	<i>(16 450 150)</i>
<i>Total, Educational and General.....</i>	<i>(70 678 000)</i>	<i>(21 853 803)</i>	<i>(92 531 803)</i>
Auxiliary Enterprises and Activities			
Income from Operations.....	.....	14 269 522	14 269 522
Student Aid			
Endowment.....	.....	132 500	132 500
Gifts.....	.....	575 000	575 000
U.S. Contracts.....	.....	726 500	726 500
Indirect Costs.....	.....	61 000	61 000
<i>Total, Student Aid.....</i>	.....	<i>(1 495 000)</i>	<i>(1 495 000)</i>
Refunds and Reappropriations.....	300 000	.....	300 000
<i>Grand Total, Estimated Income.....</i>	<i>\$70 978 000</i>	<i>\$37 618 325</i>	<i>\$108 596 325</i>

APPROPRIATIONS

	<i>General</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration and General	Salaries		
Urbana-Champaign.....	\$3 059 929	\$3 644 920	\$6 704 849
Chicago Professional Colleges.....	759 189	146 625	905 814
Chicago Undergraduate Division.....	635 130	142 595	777 725
<i>Total, Administration and General..</i>	<i>(4 454 248)</i>	<i>(3 934 140)</i>	<i>(8 388 388)</i>

General (Concluded)		Wages, Ex- pense, and Equipment		Total
Instruction		Salaries		
Urbana-Champaign	21 113 529	2 207 628	23 321 157	
Chicago Professional Colleges	5 213 839	628 510	5 842 349	
Chicago Undergraduate Division	2 554 596	154 062	2 708 658	
Total, Instruction	(28 881 964)	(2 990 200)	(31 872 164)	
Organized Activities Relating to Instruction				
Urbana-Champaign	182 080	15 460	197 540	
Chicago Professional Colleges	3 439 798	3 082 038	6 521 836	
Total, Organized Activities Relating to Instruction	(3 621 878)	(3 097 498)	(6 719 376)	
Organized Research				
Urbana-Champaign	4 521 457	1 009 435	5 530 892	
Chicago Professional Colleges	80 252	39 880	120 132	
Total, Organized Research	(4 601 709)	(1 049 315)	(5 651 024)	
Extension and Public Services				
Urbana-Champaign	3 012 560	503 925	3 516 485	
Chicago Professional Colleges	370 500	1 394 320	1 764 820	
Total, Extension and Public Services	(3 383 060)	(1 898 245)	(5 281 305)	
Libraries				
Urbana-Champaign	1 295 145	723 857	2 019 002	
Chicago Professional Colleges	91 290	58 375	149 665	
Chicago Undergraduate Division	145 240	44 200	189 440	
Total, Libraries	(1 531 675)	(826 432)	(2 358 107)	
Physical Plant				
Urbana-Champaign	409 606	5 369 318	5 778 924	
Chicago Professional Colleges	294 187	2 708 415	3 002 602	
Chicago Undergraduate Division	58 022	910 294	968 316	
Total, Physical Plant	(761 815)	(8 988 027)	(9 749 842)	
Student Aid				
Urbana-Champaign		306 100	306 100	
Chicago Professional Colleges		20 000	20 000	
Total, Student Aid		(326 100)	(326 100)	
Unclassified				
Nonacademic Balances	41 500		41 500	
Refunds and Reappropriations		300 000	300 000	
Total, Unclassified	(41 500)	(300 000)	(341 500)	
Total, General	\$47 277 849	\$23 409 957	\$70 687 806	

Restricted		Wages, Ex- pense, and Equipment		Total
Administration and General		Salaries		
Urbana-Champaign	\$ 213 405	\$ 173 500	\$ 386 905	
Chicago Professional Colleges	31 600	24 200	55 800	
Total, Administration and General	(245 005)	(197 700)	(442 705)	
Instruction				
Urbana-Champaign	233 340	218 920	452 260	
Chicago Professional Colleges	246 700	268 900	515 600	
Total, Instruction	(480 040)	(487 820)	(967 860)	
Organized Activities Relating to Instruction				
Urbana-Champaign	95 470	398 500	493 970	
Chicago Professional Colleges	110 186	167 305	277 491	
Total, Organized Activities Relating to Instruction	(205 656)	(565 805)	(771 461)	
Organized Research				
Urbana-Champaign	6 880 827	5 281 650	12 162 477	
Chicago Professional Colleges	1 272 357	887 643	2 160 000	
Total, Organized Research	(8 153 184)	(6 169 293)	(14 322 477)	

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Extension and Public Services</i>			
Urbana-Champaign.....	1 718 668	2 818 998	4 537 666
Chicago Professional Colleges.....	328 775	465 289	794 064
<i>Total, Extension and Public Services</i>	(2 047 443)	(3 284 287)	(5 331 730)
<i>Libraries</i>			
Urbana-Champaign.....	3 420	5 500	8 920
<i>Physical Plant</i>			
Urbana-Champaign.....	.....	8 650	8 650
<i>Auxiliary Enterprises</i>			
Urbana-Champaign.....	933 987	11 527 051	12 461 038
Chicago Professional Colleges.....	62 499	1 058 840	1 121 339
Chicago Undergraduate Division.....	113 809	573 336	687 145
<i>Total, Auxiliary Enterprises</i>	(1 110 295)	(13 159 227)	(14 269 522)
<i>Student Aid</i>			
Urbana-Champaign.....	10 000	1 427 500	1 437 500
Chicago Professional Colleges.....	7 000	50 500	57 500
<i>Total, Student Aid</i>	(17 000)	(1 478 000)	(1 495 000)
<i>Total, Restricted</i>	\$12 262 043	\$25 356 282	\$ 37 618 325
<i>GRAND TOTAL</i>	\$59 539 892	\$48 766 239	\$108 306 131

URBANA-CHAMPAIGN

APPROPRIATIONS

	<i>General</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Administration and General</i>	<i>Salaries</i>		
General Administrative Offices.....	\$1 563 416	\$ 375 730	\$1 939 146
General Student Service.....	1 031 530	170 825	1 202 355
General University Service.....	425 130	488 465	913 595
Security Benefits.....	39 853	2 609 900	2 649 753
<i>Total, Administration and General</i>	(3 059 929)	(3 644 920)	(6 704 849)
<i>Instruction</i>			
Instructional Television.....	38 690	37 600	76 290
Agriculture.....	1 406 022	240 090	1 646 112
Commerce and Business Administration...	1 457 245	79 470	1 536 715
Education.....	1 043 985	142 730	1 186 715
Engineering.....	3 819 136	327 510	4 146 646
Fine and Applied Arts.....	1 883 385	156 420	2 039 805
Graduate College.....	169 260	20 870	190 130
Journalism and Communications.....	237 660	19 400	257 060
Law.....	325 600	15 600	341 200
Liberal Arts and Sciences.....	7 776 307	833 618	8 609 925
Physical Education.....	765 868	103 350	869 218
University Extension.....	26 415	33 200	59 615
Veterinary Medicine.....	492 136	54 220	546 356
Armed Forces.....	25 050	10 810	35 860
Aviation.....	347 495	87 417	434 912
Social Work.....	148 170	19 950	168 120
Summer Session.....	1 026 965	18 203	1 045 168
Library and Library School.....	124 140	7 170	131 310
<i>Total, Instruction</i>	(21 113 529)	(2 207 628)	(23 321 157)
<i>Organized Activities Relating to Instruction</i>			
Education.....	182 080	15 460	197 540
<i>Organized Research</i>			
Agriculture.....	2 445 279	558 265	3 003 544
Commerce and Business Administration...	91 750	19 950	111 700
Education.....	205 390	15 710	221 100
Engineering.....	842 091	148 700	990 791
Fine and Applied Arts.....	74 320	8 500	82 820

General (Concluded)		Wages, Ex- pense, and Equipment	Total
	Salaries		
Graduate College.....	438 727	209 350	648 077
Journalism and Communications.....	66 135	3 130	69 265
Veterinary Medicine.....	12 900	12 000	24 900
Government and Public Affairs.....	67 920	10 480	78 400
Labor and Industrial Relations.....	276 945	23 350	300 295
<i>Total, Organized Research.....</i>	<i>(4 521 457)</i>	<i>(1 009 435)</i>	<i>(5 530 892)</i>
<i>Extension and Public Services</i>			
Administration and General.....	7 510	3 020	10 530
Agriculture.....	2 139 960	38 595	2 178 555
Commerce and Business Administration...	64 595	9 200	73 795
Education.....	67 570	4 200	71 770
Fine and Applied Arts.....	69 320	5 830	75 150
Journalism and Communications.....	229 760	105 800	335 560
University Extension.....	305 827	323 380	629 207
Summer Session.....	19 888	5 550	25 438
University Press.....	108 130	8 350	116 480
<i>Total, Extension and Public Services</i>	<i>(3 012 560)</i>	<i>(503 925)</i>	<i>(3 516 485)</i>
<i>Libraries</i>			
Library and Library School.....	1 259 145	723 857	2 019 002
<i>Physical Plant.....</i>	<i>409 606</i>	<i>5 369 318</i>	<i>5 778 924</i>
<i>Student Aid</i>			
Administration and General.....		28 000	28 000
Fine and Applied Arts.....		11 000	11 000
Graduate College.....		262 500	262 500
Law.....		4 600	4 600
<i>Total, Student Aid.....</i>		<i>(306 100)</i>	<i>(306 100)</i>
<i>Unclassified</i>			
Administration and General.....	41 500		41 500
<i>Total, General.....</i>	<i>\$33 635 806</i>	<i>\$13 780 643</i>	<i>\$47 416 449</i>

Restricted		Wages, Ex- pense, and Equipment	Total
	Salaries		
<i>Administration and General.....</i>	<i>\$213 405</i>	<i>\$173 500</i>	<i>\$386 905</i>
<i>Instruction</i>			
Agriculture.....	6 100	4 550	10 650
Commerce and Business Administration...	38 900	10 300	49 200
Education.....	36 000	17 500	53 500
Engineering.....	5 000	91 000	96 000
Fine and Applied Arts.....	2 500	10 000	12 500
Graduate College.....	3 000	13 000	16 000
Journalism and Communications.....	12 500	7 500	20 000
Library Arts and Sciences.....	95 000	24 000	119 000
Physical Education.....		2 170	2 170
Veterinary Medicine.....		8 700	8 700
Armed Forces.....		1 400	1 400
Aviation.....	3 000	5 000	8 000
Social Work.....	22 300	3 300	25 600
Summer Session.....	4 000	6 000	10 000
Library and Library School.....	5 040	14 500	19 540
<i>Total, Instruction.....</i>	<i>(233 340)</i>	<i>(218 920)</i>	<i>(452 260)</i>
<i>Organized Activities Relating to Instruction</i>			
Agriculture.....	18 100	62 500	80 600
Veterinary Medicine.....	10 920	58 000	68 920
Aviation.....	66 450	278 000	344 450
<i>Total, Organized Activities Relating to Instruction.....</i>	<i>(95 470)</i>	<i>(398 500)</i>	<i>(493 970)</i>

	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
<i>Organized Research</i>			
Agriculture.....	1 013 427	866 250	1 879 677
Commerce and Business Administration...	53 000	31 500	84 500
Education.....	437 500	161 500	599 000
Engineering.....	3 552 100	2 509 600	6 061 700
Fine and Applied Arts.....	9 000	4 200	13 200
Graduate College.....	471 800	637 200	1 109 000
Journalism and Communications.....	21 000	10 000	31 000
Liberal Arts and Sciences.....	1 265 000	1 003 500	2 268 500
Physical Education.....	6 000	10 500	16 500
Veterinary Medicine.....	39 000	36 500	75 500
Government and Public Affairs.....	.....	5 000	5 000
Labor and Industrial Relations.....	4 000	4 900	8 900
Social Work.....	9 000	1 000	10 000
<i>Total, Organized Research</i>	(6 880 827)	(5 281 650)	(12 162 477)
<i>Extension and Public Services</i>			
Administration and General.....	36 470	30 530	67 000
Agriculture.....	1 389 210	1 475 956	2 865 166
Commerce and Business Administration...	18 440	42 000	60 440
Education.....	6 930	31 070	38 000
Fine and Applied Arts.....	3 180	42 800	45 980
Journalism and Communications.....	26 800	38 200	65 000
Law.....	.....	13 000	13 000
Physical Education.....	.....	300	300
University Extension.....	96 148	511 742	607 890
Government and Public Affairs.....	700	3 300	4 000
University Press.....	15 790	360 000	375 790
International Cooperation.....	125 000	265 000	390 000
Library and Library School.....	.....	5 100	5 100
<i>Total, Extension and Public Services</i>	(1 718 668)	(2 818 998)	(4 537 666)
<i>Libraries</i>			
Library and Library School.....	3 420	5 500	8 920
<i>Physical Plant</i>.....	.....	8 650	8 650
<i>Auxiliary Enterprises</i>			
Administration and General.....	240 391	789 840	1 030 231
Agriculture.....	4 860	48 000	52 860
Engineering.....	.....	10 000	10 000
University Extension.....	51 896	91 000	142 896
Physical Plant.....	636 840	10 588 211	11 225 051
<i>Total, Auxiliary Enterprises</i>	(933 987)	(11 527 051)	(12 461 038)
<i>Student Aid</i>			
Gifts and Endowments.....	10 000	1 427 500	1 437 500
<i>Total, Restricted</i>	\$10 089 117	\$21 860 269	\$31 949 386

ADMINISTRATION AND GENERAL

	<i>General</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
<i>General Administrative Offices</i>			
Board of Trustees.....	\$ 29 630	\$ 28 000	\$ 57 630
President's Office.....	174 780	35 800	210 580
Provost's Office.....	79 250	9 630	88 880
Committee on Community Problems...	.....	6 300	6 300
<i>Business Office</i>			
Comptroller.....	69 950	18 100	88 050
Accounting.....	127 040	21 300	148 340
Auditing.....	86 200	9 800	96 000
Bursar.....	142 590	38 400	180 990
Purchasing.....	161 091	17 500	178 591
<i>Total, Business Office</i>	(586 871)	(105 100)	(691 971)

General (Concluded)		Wages, Ex- pense, and Equipment	Total
	Salaries		
Admissions and Records.....	413 975	134 400	548 375
College Days.....		6 300	6 300
Legal Counsel.....	88 990	13 200	102 190
Nonacademic Personnel			
Central Office.....	18 270	4 400	22 670
Urbana Office.....	102 590	13 900	116 490
Public Information.....	69 060	18 700	87 760
<i>Total, General Administrative Offices.</i>	<i>(1 563 416)</i>	<i>(375 730)</i>	<i>(1 939 146)</i>
<i>General Student Service</i>			
Dean of Students			
General.....	106 705	15 475	122 180
Freshman Week.....		6 325	6 325
Student Activity.....		1 350	1 350
Student Employment.....		6 700	6 700
Dean of Men.....	57 400	15 970	73 370
Dean of Women.....	88 810	13 780	102 590
Housing Division.....	44 060	6 015	50 075
Coordinating Placement Office.....	39 705	7 250	46 955
Security Office.....	64 360	21 770	86 130
<i>Total, Dean of Students.</i>	<i>(401 040)</i>	<i>(94 635)</i>	<i>(495 675)</i>
Health Service.....	403 420	53 820	457 240
Provost's Office			
Student Counseling Service.....	227 070	22 370	249 440
<i>Total, General Student Service.</i>	<i>(1 031 530)</i>	<i>(170 825)</i>	<i>(1 202 355)</i>
<i>General University Service</i>			
Provost's Office			
Instructional Research.....	20 050	4 000	24 050
Bureau of Institutional Research.....	55 680	8 000	63 680
Statistical Service Unit.....	210 610	144 850	355 460
Committee on Student English.....	15 420	2 050	17 470
Space Committee.....	37 460	6 200	43 660
University Honors Programs.....	39 410	9 000	48 410
<i>Total, Provost's Office.</i>	<i>(378 630)</i>	<i>(174 100)</i>	<i>(552 730)</i>
Alumni Relations and Records.....	34 620	42 840	77 460
University of Illinois Foundation.....		65 800	65 800
Illini Center.....	9 360	11 000	20 360
Audit of University Accounts.....		22 200	22 200
Building Program Committee.....	2 520	300	2 820
Citizens Committee.....		7 300	7 300
Commencement.....		23 000	23 000
General Publications.....		65 000	65 000
General University Lectures.....		8 000	8 000
Honors Day.....		2 850	2 850
Incidental and Emergency.....		5 000	5 000
Memberships in Organizations.....		9 075	9 075
Public Functions.....		52 000	52 000
<i>Total, General University Service.</i>	<i>(425 130)</i>	<i>(488 465)</i>	<i>(913 595)</i>
<i>Security Benefits</i>			
University Retirement System.....		2 561 400	2 561 400
Retiring Allowances.....	16 713		16 713
Safety and Accident Compensation.....	23 140	42 000	65 140
Death and Disability Benefits.....		6 500	6 500
<i>Total, Security Benefits.</i>	<i>(39 853)</i>	<i>(2 609 900)</i>	<i>(2 649 753)</i>
<i>Instruction</i>			
Provost's Office			
Instructional Television.....	38 690	37 600	76 290
<i>Extension and Public Services</i>			
Committee on Robert Allerton Park.....	7 510	3 020	10 530

	Salaries	Wages, Expense, and Equipment	Total
<i>Student Aid</i>			
Student Loans Matching Funds.....	.....	28 000	28 000
<i>Unclassified</i>			
Nonacademic Free Budget Balances.....	41 500	.....	41 500
<i>Total, General</i>	\$3 147 629	\$3 713 540	\$6 861 169

Restricted

	Salaries	Wages, Expense, and Equipment	Total
<i>Administration and General</i>			
Chartered Traveling Revolving.....	.....	\$ 11 000	\$ 11 000
Veterans Books and Supplies Revolving....	.....	500	500
Air Force Basic Uniform Cleaning Revolving.....	.....	5 000	5 000
Air Force Uniform Commutation Revolving	\$ 4 120	50 000	54 120
Military Clothing and Equipment Revolving.....	.....	2 000	2 000
Military Uniforms Revolving.....	.....	20 000	20 000
Accountancy Committee Revolving.....	17 505	38 200	55 705
Entrance Examinations Revolving.....	.....	1 500	1 500
Estimated Private Gifts.....	100	1 900	2 000
Estimated Indirect Costs.....	191 580	41 500	233 080
Estimated U.S. Contracts.....	100	1 900	2 000
<i>Total, Administration and General</i> ..	(213 405)	(173 500)	(386 905)
<i>Extension and Public Services</i>			
Estimated Endowment Income.....	36 470	30 530	67 000
<i>Auxiliary Enterprises</i>			
Hospital Insurance Administration.....	21 960	749 340	771 300
McKinley Hospital.....	218 431	40 500	258 931
<i>Total, Auxiliary Enterprises</i>	(240 391)	(789 840)	(1 030 231)
<i>Total, Restricted</i>	\$ 490 266	\$ 993 870	\$1 484 136

Board of Trustees

Account Number 00-10-01-000		
1. A. J. Janata, Secretary.....	ZDY50	\$ 11 000
(Total Salary)		(22 000)
2. H. E. Cunningham, Secretary, <i>Emeritus</i>	ZR	.....
Nonacademic Salaries		18 630
<i>Total, Salaries</i>		(29 630)
Wages.....		500
Expense		27 000
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(28 000)
<i>Total, Board of Trustees</i>		\$ 57 630

Indirect Costs — Board of Trustees

Account Number 40-10-01-000		
Expense		\$ 5 000
<i>Total, Indirect Costs — Board of Trustees</i>		\$ 5 000

President's Office

Account Number 00-10-02-000		
1. David D. Henry, President.....	Y	\$ 36 000
(Perquisites University — house and car)		.....
2. Lloyd Morey, President, <i>Emeritus</i>	ZR	.....
3. A. J. Janata, Executive Assistant to the President.....	ZDY50	11 000
(Total Salary)		(22 000)
4. George H. Bargh, Administrative Assistant.....	ZDY	10 800
5. Charles E. Flynn, Assistant to the President.....	ZDY75	14 250
(Total Salary)		(19 000)
6. Eunice C. Parker, Research Associate.....	DY70	7 200

7. W. H. Rice, Administrative Assistant, Legislative Relations.....	DY	14 000
8. Earl W. Porter, Assistant to the President, Reports and Special Projects	DY	11 000
Nonacademic Salaries		70 530
<i>Total, Salaries</i>		(174 780)
Wages.....		8 800
Expense		25 000
Equipment		2 000
<i>Total, Wages, Expense, and Equipment</i>		(35 800)
<i>Total, President's Office</i>		\$210 580

Indirect Costs — President's Office

Account Number 40-10-02-000

Nonacademic Salaries	\$ 2 820
Wages.....	4 200
Expense	8 400
<i>Total, Indirect Costs — President's Office</i>	\$ 15 420

Executive Vice-President and Provost's Office

Account Number 00-10-04-000

1. Lyle H. Lanier, Executive Vice-President and Provost ZBY	\$ 27 500
2. Henning Larsen, Vice-President and Provost, <i>Emeritus</i> ZR	.....
3. Royden Dangerfield, Associate Provost and Dean of Administration.....	ZBY 22 200
Nonacademic Salaries	29 550
<i>Total, Salaries</i>	(79 250)
Wages.....	530
Expense	8 000
Expense, Community Problems.....	6 300
Convention Travel	500
Nonrecurring unassigned	(35 000)
Equipment	600
<i>Total, Wages, Expense, and Equipment</i>	(15 930)
<i>Total, Executive Vice-President and Provost's Office</i> ..	\$ 95 180

Office of Community Development

Account Number 44-10-04-028

FORD FOUNDATION — URBAN DEVELOPMENT

1. James G. Coke, Director.....	ZDY	\$ 13 000
2. Everett G. Smith, Jr., Assistant Professor of Geography in Community Development.....	ZBY	8 000
<i>Total, Office of Community Development</i>		\$ 21 000

Vice-President and Comptroller's Office

Account Number 00-10-06-000

1. Herbert O. Farber, Vice-President and Comptroller....	DY	\$ 24 000
(Includes service to the Retirement System)		
2. Morris S. Kessler, Assistant Comptroller.....	DY	14 000
Nonacademic Salaries		31 950
<i>Total, Salaries</i>		(69 950)
Wages.....		1 500
Expense		15 000
Convention Travel		300
Equipment		1 300
<i>Total, Wages, Expense, and Equipment</i>		(18 100)
<i>Total, Vice-President and Comptroller's Office</i>		\$ 88 050

Auxiliary — Hospital Insurance Administration

Account Number 18-10-06-701

Nonacademic Salaries	\$ 21 960
<i>Total, Salaries</i>	(21 960)

Wages.....	340
Expense.....	9 000
Premiums, Staff.....	350 000
Premiums, Student.....	350 000
McKinley Hospital Expense.....	40 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(749 340)</i>
<i>Total, Auxiliary — Hospital Insurance Administration</i>	<i>\$771 300</i>

Business Office**Accounting Division**

Account Number 00-10-08-000		
1. Lyle M. Dahlenburg, Chief Accountant.....	DY	\$ 14 800
2. C. H. Pratt, Chief Accountant, <i>Emeritus</i>	R	.....
Nonacademic Salaries.....		112 240
<i>Total, Salaries.....</i>		<i>(127 040)</i>
Wages.....		2 300
Expense.....		18 000
Equipment.....		1 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(21 300)</i>
<i>Total, Accounting Division.....</i>		<i>\$148 340</i>

CHARTERED TRAVELING REVOLVING

Account Number 12-10-08-912		
Expense.....		\$ 11 000
<i>Total, Chartered Traveling Revolving.....</i>		<i>\$ 11 000</i>

VETERANS BOOKS AND SUPPLIES REVOLVING

Account Number 12-10-08-988		
Expense.....		\$ 500
<i>Total, Veterans Books and Supplies Revolving.....</i>		<i>\$ 500</i>

INDIRECT COSTS — ACCOUNTING DIVISION

Account Number 40-10-08-000		
Nonacademic Salaries.....		\$ 20 490
Expense.....		2 110
<i>Total, Indirect Costs — Accounting Division.....</i>		<i>\$ 22 600</i>

Auditing Division

Account Number 00-10-09-000		
1. Wilbur J. Thom, Auditor.....	DY	\$ 12 500
2. S. C. Smith, Auditor, <i>Emeritus</i>	R	.....
Nonacademic Salaries.....		73 700
<i>Total, Salaries.....</i>		<i>(86 200)</i>
Wages.....		7 100
Expense.....		2 200
Equipment.....		500
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(9 800)</i>
<i>Total, Auditing Division.....</i>		<i>\$ 96 000</i>

INDIRECT COSTS — AUDITING DIVISION

Account Number 40-10-09-000		
Nonacademic Salaries.....		\$ 11 600
Expense.....		1 400
<i>Total, Indirect Costs — Auditing Division.....</i>		<i>\$ 13 000</i>

Bursar's Division

Account Number 00-10-10-000		
1. C. C. DeLong, Bursar.....	ZDY	\$ 15 500
Nonacademic Salaries.....		127 090
<i>Total, Salaries.....</i>		<i>(142 590)</i>
Wages.....		7 400

Expense	30 000
Equipment	1 000
<i>Total, Wages, Expense, and Equipment</i>	(38 400)
<i>Total, Bursar's Division</i>	\$180 990

STUDENT LOANS MATCHING FUNDS

Account Number 00-10-10-890

Expense	\$ 28 000
<i>Total, Student Loans Matching Funds</i>	\$ 28 000

INDIRECT COSTS — BURSAR'S DIVISION

Account Number 40-10-10-000

Nonacademic Salaries	\$ 48 860
Expense	8 540
<i>Total, Indirect Costs — Bursar's Division</i>	\$ 57 400

Purchasing Division

Account Number 00-10-11-000

1. Lester E. Elliott, Director of Purchases.....	DY	\$ 12 000
2. H. M. Edwards, Director of Purchases, <i>Emeritus</i>	ZR	.....
Nonacademic Salaries		149 091
<i>Total, Salaries</i>		(161 091)
Wages.....		1 000
Expense		16 000
Equipment.....		500
<i>Total, Wages, Expense, and Equipment</i>		(17 500)
<i>Total, Purchasing Division</i>		\$178 591

AIR FORCE UNIFORM CLEANING REVOLVING

Account Number 12-10-11-004

Expense	\$ 5 000
<i>Total, Air Force Uniform Cleaning Revolving</i>	\$ 5 000

AIR FORCE UNIFORM COMMUTATION REVOLVING

Account Number 12-10-11-007

Nonacademic Salaries	\$ 4 120
Expense	50 000
<i>Total, Air Force Uniform Commutation Revolving</i> ...	\$ 54 120

MILITARY CLOTHING AND EQUIPMENT REVOLVING

Account Number 12-10-11-052

Expense	\$ 2 000
<i>Total, Military Clothing and Equipment Revolving</i> ...	\$ 2 000

MILITARY UNIFORMS REVOLVING

Account Number 12-10-11-054

Expense	\$ 20 000
<i>Total, Military Uniforms Revolving</i>	\$ 20 000

INDIRECT COSTS — PURCHASING DIVISION

Account Number 40-10-11-000

Nonacademic Salaries	\$ 48 638
Expense	4 962
<i>Total, Indirect Costs — Purchasing Division</i>	\$ 53 600

Admissions and Records

Account Number 00-10-13-000

1. C. W. Sanford, Dean.....	ZBY	\$ 21 000
2. George P. Tuttle, Director, <i>Emeritus</i>	R	.....
3. L. B. Fisher, Coordinator of School and University		
Articulation.....	ZBY50	6 325
<i>(Total Salary)</i>		(12 650)
4. D. A. Grossman, Director of the Scholarship Program,		
<i>Emeritus</i>	R	.....

5. E. C. Seyler, Associate Dean.....	DY	16 700
6. ———, Director of the Undergraduate Scholarship Program	DY50	6 150
7. Frank A. Bridgewater, Assistant to the Dean.....	DY	11 600
8. E. T. Sanford, Acting Director of the Scholarship Program.....	DY	10 260
9. ———, Director of Testing.....	DY	10 000
10. Edward T. O'Meara, Assistant Coordinator of School and University Articulation.....	ZDY50	2 650
(Total Salary)		(5 300)
Nonacademic Salaries		329 290
Total, Salaries		(413 975)
Wages.....		40 000
Expense		85 200
Expense, Articulation		4 700
Expense, College Days.....		6 300
Convention Travel		300
Equipment		4 200
Total, Wages, Expense, and Equipment.....		(140 700)
Total, Admissions and Records.....		\$554 675

Accountancy Committee Revolving

Account Number 12-10-13-001

1. ———, Director of the Undergraduate Scholarship Program	DY50	\$ 6 750
Nonacademic Salaries		10 755
Total, Salaries		(17 505)
Wages.....		1 500
Expense		36 700
Total, Wages, Expense, and Equipment.....		(38 200)
Total, Accountancy Committee Revolving.....		\$ 55 705

Entrance Examinations Revolving

Account Number 12-10-13-022

Wages.....	\$ 800
Expense	700
Total, Entrance Examinations Revolving.....	\$ 1 500

Indirect Costs — Admissions and Records

Account Number 40-10-13-000

Nonacademic Salaries	\$ 3 090
Total, Salaries	(3 090)
Wages.....	2 300
Expense	600
Total, Wages, Expense, and Equipment.....	(2 900)
Total, Indirect Costs — Admissions and Records.....	\$ 5 990

Legal Counsel

Account Number 00-10-15-000

1. ———, Legal Counsel.....	BY	\$ 22 000
2. Ralph F. Lesemann, Special Counsel.....	ZDY45	9 900
Nonacademic Salaries		57 090
Total, Salaries		(88 990)
Wages.....		3 600
Expense		8 700
Convention Travel		100
Equipment		800
Total, Wages, Expense, and Equipment.....		(13 200)
Total, Legal Counsel.....		\$102 190

Nonacademic Personnel

Central Office

Account Number 00-10-16-000

1. Arlyn C. Marks, Director.....	BY75	\$ 11 250
(Also paid \$3,750 by Merit Board)		
2. Donald E. Dickason, Director.....	R	.....
(On disability leave without pay)		
Nonacademic Salaries		7 020
Total, Salaries		(18 270)
Wages.....		300
Expense		3 000
Convention Travel		200
Travel, Civil Service.....		600
Equipment		300
Total, Wages, Expense, and Equipment.....		(4 400)
Total, Central Office.....		\$ 22 670

Nonacademic Free Budget Balances

Account Number 00-10-16-910

Nonacademic Salaries	\$ 41 500
Total, Nonacademic Free Budget Balances.....	\$ 41 500

Urbana Office

Account Number 00-10-17-000

1. Robert E. Hartz, Associate Director.....	DY	\$ 14 950
Nonacademic Salaries		87 640
Total, Salaries		(102 590)
Wages.....		2 100
Expense		10 300
Equipment		1 500
Total, Wages, Expense, and Equipment.....		(13 900)
Total, Urbana Office.....		\$116 490

Indirect Costs — Nonacademic Personnel

Account Number 40-10-17-000

Nonacademic Salaries	\$ 16 380
Expense	1 300
Total, Indirect Costs — Nonacademic Personnel.....	\$ 17 680

Public Information

Account Number 00-10-18-000

1. Charles E. Flynn, Director.....	ZBY25	\$ 4 750
(Total Salary)		(19 000)
2. Josef F. Wright, Director, <i>Emeritus</i>	ZR	.....
3. Joe C. Sutton, Editor of Illinois Alumni News with rank of Associate Professor.....	DY	10 500
4. Robert W. Evans, Associate Director.....	DY	10 500
5. 1.00 Full Time Equivalent Assistants.....	E	4 000
Nonacademic Salaries		39 310
Total, Salaries		(69 060)
Wages.....		200
Expense		17 600
Convention Travel		200
Equipment		700
Total, Wages, Expense, and Equipment.....		(18 700)
Total, Public Information.....		\$ 87 760

Dean of Students

General

Account Number 00-10-20-000

1. Fred H. Turner, Dean of Students.....	BY	\$ 18 500
2. Robert A. Schuitman, Director of the Office of Foreign Student Affairs.....	ZDY50	5 100
(Total Salary)		(10 200)

3. E. E. Stafford, Associate Dean of Students.....	BY	13 200
4. Arthur Hamilton, Assistant Dean of Foreign Students, <i>Emeritus</i>	ZR	.....
5. John R. Griffin, Assistant Dean of Students.....	ZDY50	4 575
(Total Salary)		(9 150)
6. V. J. Hampton, Assistant Dean of Students.....	DY	11 200
7. Paul J. Magelli, Assistant to the Dean of Students....	DY	6 000
8. Mary Rose Morello, Assistant to the Director of the Office of Foreign Student Affairs.....	DY	6 500
Nonacademic Salaries		41 630
Total, Salaries		(106 705)
Wages, General		3 175
Wages, Freshman Week		425
Wages, Foreign Students.....		800
Wages, Student Activities.....		800
Wages, Student Employment.....		4 500
Expense, General		3 200
Expense, Freshman Week		5 900
Expense, Foreign Students.....		2 000
Expense, Student Activities		550
Expense, Student Employment.....		2 200
Contingency		5 400
Convention Travel		400
Equipment, General		500
Total, Wages, Expense, and Equipment.....		(29 850)
Total, Dean of Students, General.....		\$136 555

Dean of Men

Account Number 00-10-21-000

1. Carl W. Knox, Dean of Men.....	BY	\$ 14 500
2. Robert M. Crane, Associate Dean of Men.....	DY	10 200
3. Gaylord F. Hatch, Assistant Dean of Men.....	DY	6 400
4. Richard E. O'Leary, Assistant Dean of Men.....	DY	6 400
5. Eldon E. Park, Assistant Dean of Men.....	DY	6 400
Nonacademic Salaries		13 500
Total, Salaries		(57 400)
Wages.....		9 170
Expense		6 000
Equipment		800
Total, Wages, Expense, and Equipment.....		(15 970)
Total, Dean of Men.....		\$ 73 370

Dean of Women

Account Number 00-10-22-000

1. Miriam A. Shelden, Dean of Women.....	BY	\$ 14 500
2. Maria Leonard, Dean of Women, <i>Emerita</i>	R	.....
3. B. Joan Cochran, Assistant Dean of Women.....	DY	6 900
4. Eunice M. Dowse, Assistant Dean of Women.....	DY	9 500
5. Jo Ann Fley, Assistant Dean of Women.....	DY	7 100
6. Mary E. Harrison, Assistant Dean of Women.....	DY	7 000
7. Jean F. Hill, Assistant Dean of Women.....	DY	6 000
8. Lorene M. Kelly, Assistant to the Dean of Women....	E	4 000
9. Ruth C. Anderson, House Director of Beta House....	ZG37	650
(Total Salary)		(2 150)
(Ten months from September 1, 1961)		
10. Mary E. Garrard, House Director of Gamma House..	ZG37	650
(Total Salary)		(2 150)
(Ten months from September 1, 1961)		
11. Mae Real, House Director of Alpha House.....	ZG37	650
(Total Salary)		(2 150)
(Ten months from September 1, 1961)		
12. 0.50 Full-Time Equivalent Assistants.....	E	2 000

13. Summer Assistants	G	1 000
Nonacademic Salaries		28 860
<i>Total, Salaries</i>		(88 810)
Wages		6 335
Expense		6 845
Equipment		600
<i>Total, Wages, Expense, and Equipment</i>		(13 780)
<i>Total, Dean of Women</i>		\$102 590

Housing Division

Account Number 00-10-24-000

1. V. L. Kretschmer, Director of Auxiliary Services	ZDY50	\$ 9 000
(Total Salary)		(18 000)
Nonacademic Salaries		35 060
<i>Total, Salaries</i>		(44 060)
Wages		2 015
Expense		3 500
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(6 015)
<i>Total, Housing Division</i>		\$ 50 075

Coordinating Placement Office

Account Number 00-10-26-000

1. G. W. Peck, Coordinating Placement Officer	BY	\$ 12 650
2. John R. Griffin, Assistant Coordinating Placement Officer	ZDY50	4 575
(Total Salary)		(9 150)
3. Robert S. Holty, Chicago Coordinating Placement Officer	DY	11 650
Nonacademic Salaries		10 830
<i>Total, Salaries</i>		(39 705)
Wages		2 750
Expense		4 000
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(7 250)
<i>Total, Coordinating Placement Office</i>		\$ 46 955

Security Office

Account Number 00-10-28-000

1. William T. Morgan, Security Officer	DY	\$ 11 600
2. Max A. Irvin, Assistant Security Officer	DY	10 500
3. Dan R. McClelland, Assistant Security Officer	DY	6 500
Nonacademic Salaries		35 760
<i>Total, Salaries</i>		(64 360)
Wages		4 270
Wages, Motor Vehicle Office		2 250
Expense		7 000
Expense, Motor Vehicle Office		7 250
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(21 770)
<i>Total, Security Office</i>		\$ 86 130

Health Service

Account Number 00-10-30-000

1. Orville S. Walters, Director of Health Services	DY}	\$ 20 500
Lecturer in Psychiatry and Professor of Hygiene	AY}	
2. Marion D. Kinzie, Associate Professor of Hygiene and Staff Physician in the Health Center and McKinley Hospital	AY	16 000
Associate Director of Health Services	BY	1 000
(Total Salary)		(17 000)
3. Henry I. Teigler, Staff Physician in the Health Center and Professor of Hygiene	AY	13 800

4. Elmer W. Cavins, Staff Physician in the Health Center and Associate Professor of Hygiene.....	AY	16 000
5. Dorothy F. Dunn, Associate Professor of Hygiene....	A	8 800
6. Laurence M. Hursh, Staff Physician in the Health Center and McKinley Hospital and Associate Professor of Hygiene.....	BY	15 000
7. Theodore A. Kiersch, Chairman of Mental Health Division and Associate Professor of Hygiene.....	BY	16 000
8. G. F. Kolar, Dental Adviser, Oral Hygienist, and Associate Professor of Hygiene.....	AY	10 200
9. L. D. Lewis, Staff Physician in the Health Center....	AY50	6 700
Associate Professor of Hygiene.....	AY50	(6 700)
(Total Salary)		(13 400)
(On leave without pay for half time for two years from September 1, 1960)		
10. May I. Millbrook, Staff Physician in the Health Center and Associate Professor of Hygiene.....	A	9 400
11. Charles H. Nichols, Staff Physician in the Health Center and McKinley Hospital and Associate Professor of Hygiene.....	AY	15 700
12. Jack Otis, Psychiatric Social Work Supervisor and Associate Professor of Hygiene.....	A	9 500
13. Marjorie M. Smarzo, Staff Physician in the Health Center and Associate Professor of Hygiene.....	AY	11 400
14. Loren W. Akers, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene.....	BY	14 400
15. J. Harold Hopkins, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene.....	BY	12 600
16. Howard R. Miller, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene.....	BY	14 000
17. Robert B. Montgomery, Medical Adviser and Assistant Professor of Hygiene.....	G	.....
(On disability leave—University Retirement System)		
18. Arthur G. Nikelly, Clinical Psychologist and Assistant Professor of Hygiene.....	BY	8 600
19. Lloyd W. Ravlin, Psychiatrist and Assistant Professor of Hygiene	DY	15 500
20. Helen C. Sharp, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene	BY	13 400
21. Anne E. VanDyke, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene.....	BY	13 600
22. Anthony J. Vinci, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene	BY	13 000
23. G. R. Blackstone, Associate, <i>Emeritus</i>	R	.....
24. Esther Thudium, Psychiatric Social Worker in the Health Center	DY	7 500
25. George E. Maha, Staff Physician in the Health Center and McKinley Hospital.....	BY	15 000
Nonacademic Salaries		105 820
Total, Salaries		(403 420)
Wages.....		10 255
Expense		38 865
Convention Travel		1 000
Equipment		3 700
Total, Wages, Expense, and Equipment.....		(53 820)
Total, Health Service.....		\$457 240

Auxiliary — McKinley Hospital

Account Number 18-10-31-720

Nonacademic Salaries	\$218 431
<i>Total, Salaries</i>	(218 431)
Wages	10 000
Expense	30 500
<i>Total, Wages, Expense, and Equipment</i>	(40 500)
<i>Total, Auxiliary — McKinley Hospital</i>	\$258 931

Provost's Office**Student Counseling Service**

Account Number 00-10-34-000

1. William M. Gilbert, Director	ZBY	\$ 15 000
2. Thomas N. Ewing, Associate Director	ZBY	13 200
3. Alice K. Jonietz, Clinical Counselor	ZAY	10 450
(On leave with half pay 1961-62)		
4. James F. Kamman, Clinical Counselor and Supervisor of Testing with rank of Associate Professor	AY	10 700
5. Robert P. Larsen, Clinical Counselor	ZAY75	7 850
6. Louis C. Ate, Jr., Clinical Counselor	ZBY	9 400
7. Boyd B. Jackson, Clinical Counselor and Supervisor of Reading with rank of Assistant Professor	BY	9 400
8. Pearl Schroeder, Clinical Counselor with rank of As- sistant Professor	BY	8 600
9. Miriam Sperber, Clinical Counselor with rank of As- sistant Professor	BY	7 950
10. Morton Wagman, Clinical Counselor	ZBY	8 300
11. ———, Clinical Counselor with rank of Assistant Professor	BY	7 500
12. ———, Clinical Counselor with rank of Assistant Professor	BY	7 800
13. Marjorie M. Dachowski, Clinical Counselor with rank of Instructor	DY	7 300
14. Edward H. Heath, Counselor	ZD25	1 575
(Total Salary)		(6 300)
15. John C. Langdon, Clinical Counselor with rank of Instructor	DY	7 750
16. Claude Channapragada, Assistant Supervisor of Testing	DY	4 900
17. John A. Henry, Counselor	ZD25	2 650
(Total Salary)		(10 600)
18. Frank Costin, Counselor	ZA33	3 130
(Total Salary)		(9 500)
19. 7.58 Full Time Equivalent Assistants	DY	38 375
20. 7.50 Summer Counselors	G	12 600
Nonacademic Salaries		32 640
<i>Total, Salaries</i>		(227 070)
Wages		5 000
Expense		14 870
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(22 370)
<i>Total, Student Counseling Service</i>		\$249 440

Office of Instructional Research

Account Number 00-10-39-000

1. Robert G. Demaree, Director	ZDY	\$ 14 000
2. 0.50 Full Time Equivalent Assistants	DY	2 450
Nonacademic Salaries		3 600
<i>Total, Salaries</i>		(20 050)
Wages		500
Expense		3 000
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(4 000)
<i>Total, Office of Instructional Research</i>		\$ 24 050

Bureau of Institutional Research

Account Number 00-10-40-000

1. G. J. Froehlich, Director.....	DY}	
With rank of Professor.....	AY}	\$ 13 000
2. H. Bradley Sagen, Assistant Director with rank of In-		
structor.....	DY	8 500
3. 1.00 Full Time Equivalent Assistants.....	DY	6 400
Nonacademic Salaries		27 780
<i>Total, Salaries</i>		(55 680)
Wages.....		900
Expense.....		6 600
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(8 000)
<i>Total, Bureau of Institutional Research</i>		\$ 63 680

Statistical Service Unit

Account Number 00-10-41-000

1. John F. Chaney, Director.....	DY}	
With rank of Associate Professor.....	AY}	\$ 15 000
2. F. H. Flerchinger, Assistant Director of Systems and		
Programming Devices	DY	11 000
Nonacademic Salaries		184 610
<i>Total, Salaries</i>		(210 610)
Wages.....		14 850
Expense		130 000
<i>Total, Wages, Expense, and Equipment</i>		(144 850)
<i>Total, Statistical Service Unit</i>		\$355 460

INDIRECT COSTS — STATISTICAL SERVICE UNIT

Account Number 40-10-41-000

Nonacademic Salaries	\$ 34 830
Expense	7 500
<i>Total, Indirect Costs — Statistical Service Unit</i>	\$ 42 330

Committee on Student English

Account Number 00-10-42-000

1. Jessie Howard, Executive Secretary with rank of As-		
sistant Professor	B	\$ 9 300
Nonacademic Salaries		6 120
<i>Total, Salaries</i>		(15 420)
Expense		1 850
Equipment		200
<i>Total, Wages, Expense, and Equipment</i>		(2 050)
<i>Total, Committee on Student English</i>		\$ 17 470

Central Office on the Use of Space

Account Number 00-10-44-000

1. Harlan D. Bareither, Director.....	ZBY73	\$ 10 960
(Total Salary)		(15 000)
(Includes full time in the summer)		
2. Donald H. Rimbey, Assistant Director.....	ZDY80	6 400
(Total Salary)		(8 000)
Nonacademic Salaries		20 100
<i>Total, Salaries</i>		(37 460)
Wages.....		1 500
Expense		4 200
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(6 200)
<i>Total, Central Office on the Use of Space</i>		\$ 43 660

Instructional Television

Account Number 00-10-45-100

1. Charles J. McIntyre, Coordinator.....	ZBY	\$ 15 700
2. Jack M. Crannell, Assistant Manager of Television Station and Supervisor of Television-Motion Pictures... (Total Salary)	ZDY50	5 300 (10 600)
3. 1.00 Full Time Equivalent Assistants.....	E	4 000
Nonacademic Salaries		13 690
<i>Total, Salaries</i>		(38 690)
Wages.....		300
Expense		29 300
Equipment		8 000
<i>Total, Wages, Expense, and Equipment</i>		(37 600)
<i>Total, Instructional Television</i>		\$ 76 290

U.S. OFFICE OF EDUCATION 7-11-107.00

Account Number 46-10-45-364

1. Francis R. Watson, Research Associate in Instructional Television.....	DY	\$ 10 000
2. Robert L. Herrick, Assistant in Sociology.....	E	6 000
<i>Total, U.S. Office of Education 7-11-107.00</i>		\$ 16 000

University Honors Programs

Account Number 00-10-48-000

1. Robert E. Johnson, Director.....	ZD67	\$ 12 050
(Total Salary)		(18 000)
2. Dora E. Dannrin, Associate Director.....	ZDY80	8 230
(Total Salary)		(10 300)
3. Richard R. Marsh, Assistant Director.....	ZDY67	7 730
(Total Salary)		(11 600)
Nonacademic Salaries		11 400
<i>Total, Salaries</i>		(39 410)
Wages.....		1 000
Expense		7 500
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(9 000)
<i>Total, University Honors Programs</i>		\$ 48 410

Alumni Relations and Records

Account Number 00-10-50-000

1. E. E. Vance, Executive Director.....	FY	\$(13 200)
(Effective July 1, 1961)		
(Salary paid by Alumni Association)		
2. James Vermette, Field Director.....	FY	(6 600)
(Effective July 1, 1961)		
(Salary paid by Alumni Association)		
3. Dorothy M. DiIorio, Alumnae Director.....	FY	(6 900)
(Effective July 1, 1961)		
(Salary paid by Alumni Association)		
Nonacademic Salaries		34 620
<i>Total, Salaries</i>		(34 620)
Wages.....		7 310
Expense		35 530
<i>Total, Wages, Expense, and Equipment</i>		(42 840)
<i>Total, Alumni Relations and Records</i>		\$ 77 460

University of Illinois Foundation

Account Number 00-10-52-000

1. James C. Colvin, Executive Director.....	FY	\$(16 000)
(Effective July 1, 1961)		
(Salary paid by Foundation)		

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2. James D. DiIorio, Secretary.....	FY	(9 000)
(Effective July 1, 1961)		
(Salary paid by Foundation)		
3. Victor Cullin, Special Representative.....	G	(8 000)
(September 1, 1961 to April 30, 1962)		
(Salary paid by Foundation)		
Expense		65 800
Expense, Nonrecurring		(7 500)
Total, Wages, Expense, and Equipment.....		(65 800)
Total, University of Illinois Foundation.....		\$ 65 800

Illini Center

Account Number 00-10-53-000		
Nonacademic Salaries		\$ 9 360
Total, Salaries		(9 360)
Expense		2 900
Rental		7 800
Equipment		300
Total, Wages, Expense, and Equipment.....		(11 000)
Total, Illini Center.....		\$ 20 360

Audit of University Accounts

Account Number 00-10-60-000		
Expense		\$ 22 200
Total, Audit of University Accounts.....		\$ 22 200

Building Program Committee

Account Number 00-10-62-000		
Nonacademic Salaries		\$ 2 520
Expense		300
Total, Building Program Committee.....		\$ 2 820

Citizens Committee

Account Number 00-10-64-000		
1. George H. Bargh, Director.....	ZDY	
Wages.....		\$ 1 300
Expense		6 000
Total, Citizens Committee.....		\$ 7 300

Commencement

Account Number 00-10-66-000		
Expense		\$ 23 000
Total, Commencement		\$ 23 000

Committee on Robert Allerton Park

Account Number 00-10-67-400		
1. Walter M. Keith, Director of Robert Allerton Park...	ZB33	\$ 3 860
(Total Salary)		(11 600)
2. 0.50 Full Time Equivalent Assistants.....	E	2 000
Nonacademic Salaries		1 650
Total, Salaries		(7 510)
Wages.....		600
Expense		2 020
Equipment		400
Total, Wages, Expense, and Equipment.....		(3 020)
Total, Committee on Robert Allerton Park.....		\$ 10 530

Robert Allerton Park

Account Number 44-10-67-401		
1. Fay H. Root, Assistant Professor of Camp and Park Management	E-ZBY50	\$ 4 700
(Total Salary)		(9 400)

Nonacademic Salaries	31 770
<i>Total, Salaries</i>	(36 470)
Wages	5 030
Expense	20 700
Equipment	4 800
<i>Total, Wages, Expense, and Equipment</i>	(30 530)
<i>Total, Robert Allerton Park</i>	\$ 67 000

General Publications

Account Number 00-10-70-000	
Expense	\$ 65 000
<i>Total, General Publications</i>	\$ 65 000

General University Lectures

Account Number 00-10-72-000	
General University Lectures	\$ 8 000
<i>Total, General University Lectures</i>	\$ 8 000

Honors Day

Account Number 00-10-76-000	
Wages	\$ 750
Expense	1 700
Equipment	400
<i>Total, Honors Day</i>	\$ 2 850

Incidental and Emergency

Account Number 00-10-80-000	
Expense	\$ 5 000
<i>Total, Incidental and Emergency</i>	\$ 5 000

Memberships in Organizations

Account Number 00-10-81-000	
American Council on Education	\$ 300
Associated Midwest Universities	1 000
Association of American Universities	1 250
Association of Land-Grant Colleges and Universities	2 800
Institute of International Education	300
International Association of Universities	300
National Association of State Universities	100
National Commission on Accrediting	100
North Central Association of Colleges and Secondary Schools	335
North Central Conference of Summer Schools	10
Campus Businessmen's Association	10
Champaign Chamber of Commerce	40
Urbana Association of Commerce	30
Business Officers Association of Governmental Relations	2 500
<i>Total, Memberships in Organizations</i>	\$ 9 075

Public Functions

Account Number 00-10-82-000	
Wages	\$ 1 100
Expense	50 900
<i>Total, Public Functions</i>	\$ 52 000

University Retirement System

Account Number 00-10-90-000	
Expense for employer contributions (special state appropriation)	\$2 561 400
<i>Total, University Retirement System</i>	\$2 561 400

Retiring Allowances

Account Number 00-10-92-000

Salaries paid as retiring allowances to persons retired prior to September, 1942.....	\$ 16 713
<i>Total, Retiring Allowances.....</i>	<i>\$ 16 713</i>

Safety and Accident Compensation

Account Number 00-10-94-000

Nonacademic Salaries	\$ 23 140
Expense	42 000
<i>Total, Safety and Accident Compensation.....</i>	<i>\$ 65 140</i>

Death and Disability Benefits

Account Number 00-10-96-000

Wages for replacement of nonacademic staff on extended disability leave	\$ 2 500
Expense for death benefits to persons retired before 1942 and nonparticipants in University Retirement System	4 000
<i>Total, Death and Disability Benefits.....</i>	<i>\$ 6 500</i>

COLLEGE OF AGRICULTURE**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 91 653	\$ 10 800	\$ 102 453
Contingent.....	20 000	20 000	20 000
Convention Travel.....	11 800	11 800	11 800
Farm and Home Week.....	6 400	6 400	6 400
Agricultural Economics.....	154 760	2 370	157 130
Agricultural Engineering.....	91 847	8 500	100 347
Agronomy.....	108 875	10 500	119 375
Animal Science.....	192 610	36 150	228 760
County Farm Extension.....	3 750	3 750	3 750
Dairy Science.....	144 065	59 600	203 665
Food Technology.....	63 260	7 740	71 000
Forestry.....	71 485	8 700	80 185
Home Economics.....	303 735	40 620	344 355
Horticulture.....	84 375	8 600	92 975
Plant Pathology.....	39 205	2 150	41 355
Vocational Agriculture.....	56 400	6 160	62 560
<i>Total, Instruction.....</i>	<i>(1 406 022)</i>	<i>(240 090)</i>	<i>(1 646 112)</i>
<i>Organized Research</i>			
Administration.....	118 550	30 065	148 615
Agricultural Economics.....	173 350	14 240	187 590
Agricultural Engineering.....	121 313	16 090	137 403
Entomology.....	2 640	200	2 840
Agronomy.....	480 837	100 165	581 002
Animal Science.....	343 939	99 180	443 119
Dairy Science.....	253 075	79 190	332 265
Dixon Springs.....	181 895	94 890	276 785
Food Technology.....	150 100	26 200	176 300
Forestry.....	50 875	10 660	61 535
Home Economics.....	47 675	4 200	51 875
Horticulture.....	342 390	43 880	386 270
Plant Pathology.....	94 705	10 530	105 235
Veterinary Research.....	83 935	28 775	112 710
<i>Total, Organized Research.....</i>	<i>(2 445 279)</i>	<i>(558 265)</i>	<i>(3 003 544)</i>
<i>Extension and Public Services</i>			
Administration.....	242 633	38 595	281 230
Agricultural Economics.....	52 550	.....	52 550
Agricultural Engineering.....	33 010	.....	33 010

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Entomology.....	15 150		15 150
Agronomy.....	56 080		56 080
Animal Science.....	38 455		38 455
County Farm Extension.....	917 500		917 500
County Home Extension.....	616 815		616 815
Dairy Science.....	31 430		31 430
Dixon Springs.....	14 580		14 580
Forestry.....	27 925		27 925
Home Economics.....	56 500		56 500
Horticulture.....	28 760		28 760
Plant Pathology.....	5 120		5 120
Veterinary Extension.....	3 450		3 450
<i>Total, Extension and Public Services</i>	(2 139 958)	(38 595)	(2 178 555)
<i>Total, General</i>	\$5 991 259	\$836 950	\$6 828 211

Restricted

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Instruction</i>			
Estimated Endowment Income....	\$ 300		\$ 300
Estimated U.S. Contracts.....	5 800	\$ 4 550	10 350
<i>Total, Instruction</i>	(6 100)	(4 550)	(10 650)
<i>Organized Activities Relating to Instruction</i>			
Home Economics Cafeteria Revolving.....	11 050	29 500	40 550
Vocational Agriculture Revolving.....	7 050	33 000	40 050
<i>Total, Organized Activities Relating to Instruction</i>	(18 100)	(62 500)	(80 600)
<i>Organized Research</i>			
Federal Research — Hatch Fund.....	428 916	261 254	690 170
Agricultural Departmental Revolving.....	13 097	66 850	79 947
Joliet Field Revolving.....		7 400	7 400
Agricultural Publications Revolving.....		6 000	6 000
Agricultural Sales Revolving.....	7 485	83 700	91 185
Farm Accounting Revolving.....	11 280	12 320	23 600
Agricultural Engineering Income Revolving..		3 300	3 300
Corn Testing Revolving.....	8 410	9 850	18 260
Northern Illinois Experiment Field Revolving		1 250	1 250
Animal Science Income Revolving.....		140 000	140 000
Dairy Official Testing.....	21 240	7 500	28 740
Regional Research Fund.....	91 999	66 176	158 175
Estimated Indirect Costs.....	5 000	15 000	20 000
Estimated Private Gifts.....	153 500	82 000	235 500
Estimated U.S. Contracts.....	270 000	100 000	370 000
Federal Research — Agricultural Marketing Act Title II.....	2 500	3 650	6 150
<i>Total, Organized Research</i>	(1 013 427)	(866 250)	(1 879 677)
<i>Extension and Public Services</i>			
Soil Testing Revolving.....		3 500	3 500
Federal Extension — Research and Market- ing Fund.....	21 500	7 400	28 900
Federal Extension — Smith-Lever Fund.....	863 010	814 756	1 677 766
Estimated U.S. Contracts.....	4 700	300	5 000
Estimated Private Gifts.....	500 000	650 000	1 150 000
<i>Total, Extension and Public Services</i>	(1 389 210)	(1 475 956)	(2 865 166)
<i>Auxiliary Enterprises</i>			
Grein Farm Operation.....		2 500	2 500
Maxwell Farm Operation.....		5 000	5 000
Troutman Farm Operation.....		5 000	5 000
Four-H Memorial Camp Operations.....	4 860	35 500	40 360
<i>Total, Auxiliary Enterprises</i>	(4 860)	(48 000)	(52 860)
<i>Total, Restricted</i>	\$2 431 697	\$2 457 256	\$4 888 953

Estimated Income from Sales for the General Budget

	1960-61	1961-62
Agronomy.....	\$ 12 000	\$ 12 000
Dairy Science.....	54 000	58 000
Dixon Springs.....	45 000	50 000
Food Technology.....	1 500	1 500
Horticulture.....	8 000	4 000
Veterinary Research.....	2 000	2 000
Total.....	\$122 500	\$127 500

Agricultural Income realized over estimate and reserved for the use of the College of Agriculture may be assigned, upon recommendation of the Dean of the College of Agriculture and approval of the Vice-President and Comptroller, to the department earning such income. If the estimated income is not realized, the appropriation to the department will be reduced accordingly.

Fund Code

The following code letters are used in the Agriculture budget at the left of the tenure symbol to indicate the fund:

State, revolving and trust accounts:

- C — College
- S — Station
- E — Extension

Federal Funds, Station:

- | | |
|-------------------------------------|-------------|
| H — Hatch | Fund Number |
| R — Regional Research | 21 |
| T — Agricultural Marketing Title II | 23 |
| | 28 |

Federal Funds, Extension:

- | | |
|--------------------------------------|----|
| K — Research and Marketing Extension | 34 |
| L — Smith-Lever | 36 |

Administration

Account Number 00-15-01-100; College 00-15-01-100; Station 00-15-01-300; Extension 00-15-01-400

1. Louis B. Howard, Dean of College, Director of Station, (C-ZBY34 \$ 7 740
and Director of Extension Service..... L-ZBY33 (7 730)
(S-ZBY33 7 730)
(Total Salary)..... (23 200)
2. Robert R. Hudelson, Dean, Director, and Professor of Agricultural Economics, *Emeritus*..... C-R
3. W. E. Carroll, Associate Director and Professor, *Emeritus*..... S-R
4. J. B. Claar, Associate Director of Cooperative Extension Service..... E-BY50 8 500
With rank of Professor..... L-BY50 (8 500)
AY
(Total Salary)..... (17 000)
5. Karl E. Gardner, Associate Dean of College..... C-ZBY 16 500
6. Tom S. Hamilton, Associate Director of Station..... S-ZBY 20 000
7. W. G. Kammlade, Associate Director and Professor, *Emeritus*..... E-ZR
8. J. C. Spitler, Associate Director and Professor, *Emeritus*..... E-R
9. Martha L. Dunlap, Assistant Director of Cooperative Extension Service..... E-ZBY60 7 350
(L-ZBY40 (4 900)
(Total Salary)..... (12 250)
10. R. W. Jugenheimer, Assistant Director of Station and Assistant Dean of College..... C-ZBY20 2 880
(S-ZBY55 7 920)
(Total Salary)..... (14 400)
11. W. D. Murphy, Assistant Director of Cooperative Extension Service..... E-ZBY70 8 575
(L-ZBY30 (3 675)
(Total Salary)..... (12 250)
12. Cecil D. Smith, Assistant Dean of College with rank of Professor..... C-BY} 12 600
C-AY}

13. H. W. Bean, Assistant Director of Cooperative Extension Service.....	{C-ZBY20 E-ZBY50 L-ZBY30	2 400 6 000 (3 600)
(Total Salary).....		(12 000)
14. Warren K. Wessels, Assistant to Dean of College with rank of Assistant Professor.....	{C-BY25 S-BY75	2 250 6 750
(Total Salary).....		(9 000)
15. Hadley Read, Extension Editor and Professor of Agricultural Extension.....	{S-AY10 E-AY70 L-AY20	1 250 8 750 (2 500)
(Total Salary).....		(12 500)
16. Anna C. Glover, Editor with rank of Associate Professor, <i>Emerita</i>	S-R	.....
17. A. W. Janes, Editor with rank of Associate Professor....	{S-AY85 H-AY15	9 500 (1 800)
(Total Salary).....		(11 300)
18. Owen F. Glissendorf, Assistant Editor with rank of Assistant Professor.....	{S-BY75 H-BY25	6 600 (2 200)
(Total Salary).....		(8 800)
19. Harold D. Guither, Assistant Extension Editor and Assistant Professor of Agricultural Extension.....	{E-BY70 L-BY30	6 900 (2 950)
(Total Salary).....		(9 850)
20. Jessie E. Heathman, Assistant Extension Editor and Assistant Professor of Home Economics Extension.....	{E-BY70 L-BY30	6 650 (2 850)
(Total Salary).....		(9 500)
21. Charles J. Isoline, Assistant Editor with rank of Assistant Professor.....	{E-BY60 L-BY40	5 040 (3 360)
(Total Salary).....		(8 400)
22. Robert A. Jarnagin, Assistant Extension Editor and Assistant Professor of Agricultural Extension.....	{E-BY50 L-BY50	4 800 (4 800)
(Total Salary).....		(9 600)
23. Richard G. Moores, Assistant Editor with rank of Assistant Professor.....	S-BY	7 950
24. Victor R. Stephen, Assistant Extension Editor with rank of Assistant Professor.....	{E-BY70 L-BY30	7 325 (3 175)
(Total Salary).....		(10 500)
25. Margery E. Suhre, Assistant Editor with rank of Assistant Professor.....	E-BY	8 800
26. Patricia A. Close, Assistant Extension Editor with rank of Instructor.....	E-DY	6 000
27. Jack C. Everly, Assistant Extension Editor and Instructor in Agricultural Extension.....	{E-DY65 L-DY35	5 655 (3 045)
(Total Salary).....		(8 700)
28. John J. Feight, Jr., Assistant Extension Editor with rank of Instructor.....	{E-DY80 L-DY20	6 240 (1 560)
(Total Salary).....		(7 800)
29. Jon F. Greeneisen, Instructor in Agricultural Communications and Journalism.....	{C-ZDY50 E-ZDY20 L-ZDY30	4 000 1 600 (2 400)
(Total Salary).....		(8 000)
30. Margaret McGlothlin, Assistant Editor with rank of Instructor.....	H-DY50 (S-DY45)	(3 700) 2 790
31. Gene Morokoff, Assistant Editor with rank of Instructor.....	{E-DY30 L-DY25	1 860 (1 550)
(Total Salary).....		(6 200)
32. Herbert D. Nosker, Assistant Extension Editor with rank of Instructor.....	{E-DY75 L-DY25	4 950 (1 650)
(Total Salary).....		(6 600)
33. Janice E. Woodard, Assistant Extension Editor with rank of Instructor.....	E-DY	6 300
34. 0.46 Full Time Equivalent Assistants.....	C-DY	2 285
Nonacademic Salaries.....	C	41 000
Nonacademic Salaries.....	S	48 060

Nonacademic Salaries.....	E	131 340
<i>Total, Salaries.....</i>		<i>(452 840)</i>
Wages.....	C	2 000
Wages, Farm and Home Week.....	C	1 600
Wages.....	S	900
Wages.....	E	5 000
Expense.....	C	6 200
Expense, Farm and Home Week.....	C	6 400
Expense.....	S	27 165
Expense.....	E	29 595
Contingent.....	C	20 000
Convention Travel.....	C	11 800
Nonrecurring Unassigned.....	C	(7 000)
Equipment.....	C	1 000
Equipment.....	S	2 000
Equipment.....	E	4 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(117 660)</i>
<i>Total, Administration.....</i>		<i>\$570 500</i>

Agricultural Departmental Revolving

Account Number 12-15-01-316

Nonacademic Salaries.....	S	\$ 13 097
<i>Total, Salaries.....</i>	S	<i>(13 097)</i>
Wages.....	S	6 000
Expense.....	S	59 850
Equipment.....	S	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	S	<i>(66 850)</i>
<i>Total, Agricultural Departmental Revolving.....</i>		<i>\$ 79 947</i>

Joliet Field Revolving

Account Number 12-15-01-342

Expense.....	S	\$ 7 400
<i>Total, Joliet Field Revolving.....</i>		<i>\$ 7 400</i>

Agricultural Publications Revolving

Account Number 12-15-01-366

Expense.....	S	\$ 6 000
<i>Total, Agricultural Publications Revolving.....</i>		<i>\$ 6 000</i>

Auxiliary — Grein Farm Operation

Account Number 18-15-01-732

Expense.....		\$ 2 500
<i>Total, Auxiliary — Grein Farm Operation.....</i>		<i>\$ 2 500</i>

Agricultural Sales Revolving

Account Number 12-15-01-378

Nonacademic Salaries.....	S	\$ 7 485
<i>Total, Salaries.....</i>	S	<i>(7 485)</i>
Wages.....	S	2 700
Expense.....	S	80 500
Equipment.....	S	500
<i>Total, Wages, Expense, and Equipment.....</i>	S	<i>(83 700)</i>
<i>Total, Agricultural Sales Revolving.....</i>		<i>\$91 185</i>

Cooperative Investigations

VARIOUS DONORS — RESEARCH — RURAL ELECTRIFICATION

Account Number 44-15-01-387

1. Donald R. Daum, Instructor in Agricultural Engineering	S-ZDY40	\$ 3 120
(Total Salary).....		(7 800)

VARIOUS DONORS — EXTENSION — RURAL ELECTRIFICATION

Account Number 44-15-01-486

1. Donald R. Daum, Instructor in Agricultural Engineering	E-ZDY60	\$ 4 680
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Agricultural Economics

Account Number 00-15-05-100; College 00-15-05-100; Station 00-15-05-300; Extension 00-15-05-400

1. Harold G. Halcrow, Professor and Head of Department...	{C-AY42 S-AY42 E-AY16	\$ 8 190 8 190 3 120
(Total Salary).....		(19 500)
2. Chester B. Baker, Professor of Farm Management.....	{C-AY40 S-AY60	5 280 7 920
(Total Salary).....		(13 200)
3. R. W. Bartlett, Professor.....	{C-AY20 S-AY60 E-AY20	2 640 7 920 2 640
(Total Salary).....		(13 200)
4. George K. Brinegar, Professor.....	{C-AY35 S-AY65	4 900 9 100
(Total Salary).....		(14 000)
5. Emer E. Broadbent, Professor of Agricultural Marketing.....	{C-AY45 H-AY35	5 760 (7 040)
(Total Salary).....		(12 800)
6. W. D. Buddemeier, Professor of Farm Management.....	{S-ZAY50 C-ZAY50	6 125 6 125
(Total Salary).....		(12 250)
(Transferred to Trust)		
7. H. C. M. Case, Professor, <i>Emeritus</i>	C-R	.....
8. J. B. Cunningham, Professor, <i>Emeritus</i>	R	.....
9. Folke Dovring, Professor.....	{C-AY50 S-AY50	6 500 6 500
(Total Salary).....		(13 000)
10. Clinton L. Folse, Professor of Rural Sociology.....	{C-ZAY50 S-ZAY50	6 250 6 250
(Total Salary).....		(12 500)
11. H. W. Hannah, Professor of Agricultural Law.....	{C-A50 S-A50	7 000 7 000
(Total Salary).....		(14 000)
12. Thomas A. Hieronymus, Professor of Agricultural Marketing.....	{C-AY40 S-AY60	5 240 7 860
(Total Salary).....		(13 100)
13. G. L. Jordan, Professor, <i>Emeritus</i>	C-R	.....
14. George G. Judge, Professor.....	{C-AY25 S-AY50 H-AY25	3 625 7 250 (3 625)
(Total Salary).....		(14 500)
15. Norman G. P. Krausz, Professor of Agricultural Law....	{C-AY50 S-AY50	6 600 6 600
(Total Salary).....		(13 200)
16. D. E. Lindstrom, Professor of Rural Sociology.....	{C-ZAY50 S-ZAY50	5 800 5 800
(Total Salary).....		(11 600)
(Transferred to Trust)		
17. J. W. Lloyd, Professor, <i>Emeritus</i>	C-R	.....
18. M. L. Mosher, Professor, <i>Emeritus</i>	C-R	.....
19. Ralph J. Mutti, Professor of Agricultural Marketing.....	{C-AY40 S-AY60	5 160 7 740
(Total Salary).....		(12 900)
20. E. H. Regnier, Professor.....	C-ZAY25	3 060
(Total Salary).....		(12 250)
21. Robert C. Ross, Professor, <i>Emeritus</i>	C-R	.....
22. Elmer L. Sauer, Professor of Rural Development.....	L-AY	(12 500)
23. L. H. Simerl, Professor.....	{E-AY50 L-AY50	6 500 (6 500)
(Total Salary).....		(13 000)
24. Charles L. Stewart, Professor, <i>Emeritus</i>	C-R	.....

25. Leslie F. Stice, Professor of Agricultural Marketing.....	{E-AY75 K-AY25	9 750 (3 250)
(Total Salary).....		(13 000)
26. Earl R. Swanson, Professor.....	{C-AY40 S-AY60	5 280 7 920
(Total Salary).....		(13 200)
27. William N. Thompson, Professor of Farm Management.....	{C-AY60 S-AY40	7 740 5 160
(Total Salary).....		(12 900)
28. Roy N. Van Arsdall, Professor.....	C-DY25	3 200
	{C-AY30 S-AY35	3 870 4 515
29. Vincent I. West, Professor.....	H-AY35	(4 515)
(Total Salary).....		(12 900)
30. R. H. Wilcox, Professor, <i>Emeritus</i>	S-R	.....
	{C-AY40 S-AY35	5 520 4 830
31. J. E. Wills, Professor of Farm Management.....	E-AY25	3 450
(Total Salary).....		(13 800)
32. Alvin T. Anderson, Associate Professor, <i>Emeritus</i>	R	.....
33. George M. England, Associate Professor.....	{E-AY50 K-AY50	5 000 (5 000)
(Total Salary).....		(10 000)
34. John H. Herbst, Associate Professor.....	C-ZAY50	5 200
(Total Salary).....		(10 400)
35. R. A. Kelly, Associate Professor of Fruit and Vegetable Marketing.....	{C-AY60 H-AY40	6 900 (4 600)
(Total Salary).....		(11 500)
36. Malcolm B. Kirtley, Associate Professor of Agricultural Marketing.....	{E-AY60 K-AY40	6 000 (4 000)
(Total Salary).....		(10 000)
37. Allan G. Mueller, Associate Professor of Farm Management.....	{S-AY50 H-AY50	5 300 (5 300)
(Total Salary).....		(10 600)
38. Franklin J. Reiss, Associate Professor of Farm Management.....	{C-AY25 S-AY25 E-AY50	2 825 2 825 5 650
(Total Salary).....		(11 300)
39. James R. Roush, Associate Professor of Agricultural Marketing.....	{C-AY40 H-AY60	4 000 (6 000)
(Total Salary).....		(10 000)
40. Robert B. Schwart, Associate Professor of Farm Management.....	L-AY	(10 600)
	{C-AY50 S-AY25 E-AY25	5 200 2 600 2 600
41. Robert G. Spitze, Associate Professor.....		(10 400)
(Total Salary).....		
42. George B. Whitman, Associate Professor, <i>Emeritus</i>	R	.....
43. Delmar F. Wilken, Associate Professor of Farm Management.....	{H-AY25 L-AY75	(2 625) (7 875)
(Total Salary).....		(10 500)
44. Sheldon W. Williams, Associate Professor of Agricultural Marketing.....	R-AY25	(2 950)
45. Joseph C. Headley, Assistant Professor of Farm Management.....	{C-BY45 S-BY55	4 000 5 000
(Total Salary).....		(9 000)
46. Royce A. Hinton, Assistant Professor of Farm Management.....	{E-BY50 H-BY50	4 375 (4 375)
(Total Salary).....		(8 750)
47. Stephen C. Schmidt, Assistant Professor.....	{C-BY30 S-BY50 H-BY20	2 670 4 450 (1 780)
(Total Salary).....		(8 900)
48. Fay M. Sims, Assistant Professor.....	L-ZBY75	(6 600)
(Total Salary).....		(8 800)

49. David A. Storey, Assistant Professor of Agricultural Marketing.....	{C-BY30	2 550
(Total Salary).....	{H-BY70	(5 950)
50. Donald J. Hunter, Research Associate.....	{C-DY60	4 500
(Total Salary).....	{H-DY40	(3 000)
51. 0.25 Full Time Equivalent Assistants.....	S-DY	1 390
52. 1.43 Full Time Equivalent Assistants.....	E-DY	7 290
Nonacademic Salaries.....	C	3 600
Nonacademic Salaries.....	S	36 855
<i>Total, Salaries</i>		(380 660)
Wages.....	S	1 740
Expense.....	C	2 370
Expense.....	S	11 500
Equipment.....	S	1 000
<i>Total, Wages, Expense, and Equipment</i>		(16 610)
<i>Total, Agricultural Economics</i>		\$397 270

Farm Management Service

Account Number 09-15-05-926

1. Fay M. Sims, Assistant Professor of Agricultural Economics.....	ZBY25	\$ 2 200
2. Donald G. Smith, Assistant Professor of Agricultural Economics.....	BY	11 600
<i>Total, Farm Management Service</i>		\$13 800

Farm Accounting Revolving

Account Number 12-15-05-326

Nonacademic Salaries.....	S	\$11 280
<i>Total, Salaries</i>	S	(11 280)
Wages.....	S	3 500
Expense.....	S	8 320
Equipment.....	S	500
<i>Total, Wages, Expense, and Equipment</i>	S	(12 320)
<i>Total, Farm Accounting Revolving</i>		\$23 600

Auxiliary — Maxwell Farm Operation

Account Number 18-15-05-751

Expense.....		\$ 5 000
<i>Total, Auxiliary — Maxwell Farm Operation</i>		\$ 5 000

Auxiliary — Troutman Farm Operation

Account Number 18-15-05-783

Expense.....		\$ 5 000
<i>Total, Auxiliary — Troutman Farm Operation</i>		\$ 5 000

Agricultural Engineering

Account Number 00-15-10-100; College 00-15-10-100; Station 00-15-10-300; Extension 00-15-10-400

1. Frank B. Lanham, Professor and Head of Department.....	{C-AY40	\$ 7 600
(Total Salary).....	{S-AY40	7 600
	{E-AY20	3 800
		(19 000)
2. Harold H. Beaty, Professor.....	{C-AY20	2 600
	{S-AY20	2 600
	{E-AY30	3 900
	{L-AY30	(3 900)
(Total Salary).....		(13 000)
3. Deane G. Carter, Professor, <i>Emeritus</i>	C-R	.....
4. Edwin L. Hansen, Professor.....	{C-AY40	5 400
(Total Salary).....	{S-AY60	8 100
		(13 500)
5. Ralph C. Hay, Professor.....	C-ZAY	.....
6. E. W. Lehmann, Professor, <i>Emeritus</i>	C-R	.....

7. R. I. Shawl, Professor, <i>Emeritus</i>	C-R	.....
8. Roger R. Yoerger, Professor.....	{C-AY40	5 040
(Total Salary).....	{S-AY60	7 560
9. Arthur L. Young, Professor, <i>Emeritus</i>	C-R	(12 600)
10. F. W. Andrew, Associate Professor.....	{E-AY70	7 950
(Total Salary).....	{L-AY30	(3 400)
11. Wendell Bowers, Associate Professor.....	{E-AY80	8 080
(Total Salary).....	{L-AY20	(2 020)
12. James O. Curtis, Associate Professor.....	{C-AY50	5 250
(Total Salary).....	{S-AY50	5 250
13. Donnell R. Hunt, Associate Professor.....	{C-AY50	5 500
(Total Salary).....	{S-AY35	3 850
14. D. G. Jedele, Associate Professor.....	{H-AY15	(1 650)
(Total Salary).....	{E-AY60	(11 000)
15. Benjamin A. Jones, Jr., Associate Professor.....	{L-AY40	6 480
(Total Salary).....	{C-AY40	(4 320)
16. Dwight F. Kampe, Associate Professor.....	{S-AY60	(10 800)
(Total Salary).....	{C-AY40	4 600
17. John W. Matthews, Associate Professor.....	{S-AY60	6 900
(Total Salary).....	{C-AY40	(11 500)
18. Elwood F. Olver, Associate Professor.....	{S-AY60	5 820
(Total Salary).....	{C-AY40	(9 700)
19. Robert M. Peart, Associate Professor.....	C-ZAY50	5 625
(Total Salary).....	{C-AY50	(11 250)
20. Gene C. Shove, Associate Professor.....	{S-AY50	5 450
(Total Salary).....	{C-AY67	(10 900)
21. Howard L. Wakeland, Associate Professor.....	{H-AY33	6 700
(Total Salary).....	{C-AY30	(3 300)
22. J. Arthur Weber, Associate Professor.....	{S-AY55	(10 000)
(Total Salary).....	{H-AY15	3 210
23. H. P. Bateman, Assistant Professor.....	C-ZAY	5 885
(Total Salary).....	{C-AY45	(1 605)
24. Peter A. Boving, Assistant Professor.....	{H-AY35	(10 700)
(Total Salary).....	{C-BY10	820
25. Arthur Muehling, Assistant Professor.....	{S-BY30	2 460
(Total Salary).....	{H-BY60	(4 920)
26. Errol D. Rodda, Research Associate.....	L-DY	(8 200)
(Total Salary).....	{E-BY35	(8 000)
27. Roland F. Espenschied, Instructor.....	{L-BY65	2 800
(Total Salary).....	{C-DY25	(5 200)
28. Robert L. McFall, Instructor.....	{R-DY25	(8 000)
(Total Salary).....	50	1 700
29. John A. Replogle, Instructor.....	C-ZDY50	(3 400)
(Total Salary).....	{C-DY50	(4 500)
30. John C. Siemens, Instructor.....	{S-DY50	(9 000)
(Total Salary).....	{S-DY65	3 600
	{H-DY35	3 600
	H-DY75	(7 200)
		4 875
		(2 625)
		(7 500)
		(5 550)

31. Charles K. Spillman, Assistant	(C-DY80	4 000
	(R-DY20	(1 000)
(Total Salary)		(5 000)
32. 0.75 Full Time Equivalent Assistants	C-DY	4 300
33. 2.00 Full Time Equivalent Assistants	S-DY	10 410
Nonacademic Salaries	C	11 262
Nonacademic Salaries	S	40 953
Total, Salaries		(246 170)
Wages	C	1 500
Wages	S	1 500
Expense	C	5 700
Expense	S	13 290
Equipment	C	1 300
Equipment	S	1 300
Total, Wages, Expense, and Equipment		(24 590)
Total, Agricultural Engineering		\$270 760

Agricultural Engineering Income Revolving

Account Number 12-15-10-320

Wages	S	\$ 1 000
Expense	S	2 300
Total, Agricultural Engineering Income Revolving		\$ 3 300

Cooperative Investigations

STATE OF ILLINOIS DIVISION OF HIGHWAYS — HIGHWAY

DRAINAGE LAWS AND PRACTICES

Account Number 47-15-10-317

1. Carroll J. W. Drablos, Research Associate	S-DY	\$ 7 800
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STATE OF ILLINOIS DIVISION OF HIGHWAYS — ROADSIDE COVER

Account Number 47-15-10-374

1. Beverly J. Butler, Assistant Professor	S-BY	\$ 9 500
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Agricultural Entomology

Account Number 00-15-12-100; College 00-15-12-100; Station 00-15-12-300; Extension 00-15-12-400

1. George C. Decker, Professor	S-AY17	\$ 2 640
(Also State Natural History Survey)		
2. H. B. Petty, Jr., Professor	(E-AY60	7 350
	(L-AY40	(4 900)
(Total Salary)		(12 250)
3. Stevenson Moore III, Associate Professor	(E-AY75	7 800
	(L-AY25	(2 600)
(Total Salary)		(10 400)
4. Clarence E. White, Instructor in Agricultural Entomology Extension	L-ZDY26	(1 800)
(Total Salary)		(6 750)
Total, Salaries		(17 790)
Expense	S	200
Total, Wages, Expense, and Equipment		(200)
Total, Agricultural Entomology		\$17 990

Cooperative Investigations

U.S.D.A. A6EQ52 — PLANT PEST CONTROL

Account Number 46-15-12-415

1. Clarence E. White, Instructor in Agricultural Entomology Extension	E-ZDY74	\$4 950
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Agronomy

Account Number 00-15-15-100; College 00-15-15-100; Station 00-15-15-300; Extension 00-15-15-400

1. Morell B. Russell, Professor of Soil Physics and Head of Department	(C-AY40	\$ 8 520
	(S-AY40	8 520
	(E-AY20	4 260
(Total Salary)		(21 300)

2. Walter C. Jacob, Professor of Biometry and Data Processing and Associate Head of Department.....	{C-AY35 S-AY65	5 250 9 750	(15 000)
(Total Salary).....			
3. Samuel R. Aldrich, Professor of Soil Fertility Extension.....	{E-AY50 L-AY50	6 900 (6 900)	(13 800)
(Total Salary).....			
4. O. T. Bonnett, Professor of Plant Morphology.....	{C-AY20 S-AY80	2 660 10 640	(13 300)
(Total Salary).....			
5. Roger H. Bray, Professor of Soil Fertility.....	{C-AY20 S-AY80	2 600 10 400	(13 000)
(Total Salary).....			
6. Ambrose W. Burger, Professor.....	{C-AY80 S-AY20	9 800 2 450	(12 250)
(Total Salary).....			
7. E. E. DeTurk, Professor, <i>Emeritus</i>	C-R		
8. E. B. Earley, Professor of Plant Physiology.....	{C-AY20 S-AY80	2 400 9 600	(12 000)
(Total Salary).....			
9. James W. Gerdemann, Professor of Plant Pathology.....	C-ZAY		
10. J. E. Gieseke, Professor of Soil Chemistry.....	{C-AY20 S-AY80	2 300 9 200	(11 500)
(Total Salary).....			
11. Richard H. Hageman, Professor of Plant Physiology.....	{C-AY20 S-AY80	2 450 9 800	(12 250)
(Total Salary).....			
12. J. C. Hackleman, Professor, <i>Emeritus</i>	L-R		
13. John B. Hanson, Professor of Plant Physiology.....	{C-ZAY20 S-ZAY80	2 460 9 840	(12 300)
(Total Salary).....			
14. C. F. Hottes, Consulting Plant Physiologist, <i>Emeritus</i>	S-ZRA		
15. Joseph A. Jackobs, Professor of Crop Production.....	{C-AY20 S-AY80	2 500 10 000	(12 500)
(Total Salary).....			
16. R. W. Jugenheimer, Professor of Plant Genetics.....	C-ZAY		
17. Arnold Klute, Professor of Soil Physics.....	{C-AY20 S-AY80	2 450 9 800	(12 250)
(Total Salary).....			
18. Benjamin Kochler, Professor, <i>Emeritus</i>	C-ZR		
19. L. T. Kurtz, Professor of Soil Fertility.....	{C-AY20 S-AY80	2 540 10 160	(12 700)
(Total Salary).....			
(On leave with one-half pay for one year from September 1, 1961)			
20. A. L. Lang, Professor of Soil Fertility.....	{C-AY10 S-AY65 E-AY25	1 270 8 255 3 175	(12 700)
(Total Salary).....			
21. John R. Laughnan, Professor of Plant Genetics.....	C-ZA		
22. Earl R. Leng, Professor of Plant Breeding and Genetics.....	{C-AY20 S-AY80	2 600 10 400	(13 000)
(Total Salary).....			
23. C. M. Linsley, Professor of Soil Extension, <i>Emeritus</i>	L-R		
24. Sigurd W. Melsted, Professor of Soil Chemistry.....	{C-AY20 S-AY80	2 600 10 400	(13 000)
(Total Salary).....			
25. Russell T. Odell, Professor of Pedology.....	{C-AY20 S-AY80	3 140 12 560	(15 700)
(Total Salary).....			
26. Walter O. Scott, Professor of Crop Extension.....	{E-AY50 L-AY50	5 900 (5 900)	(11 800)
(Total Salary).....			
27. O. H. Sears, Professor, <i>Emeritus</i>	C-R		
28. R. S. Smith, Professor, <i>Emeritus</i>	C-R		

29. Fred W. Slife, Professor of Crop Production.....	{C-AY20	2 450
(Total Salary).....	{S-AY80	9 800
		(12 250)
30. Edward H. Tyner, Professor of Soil Fertility.....	{C-AY25	3 125
(Total Salary).....	{S-AY50	6 250
	{E-AY25	3 125
		(12 500)
31. D. C. Wimer, Professor, <i>Emeritus</i>	C-R	
32. Denton E. Alexander, Associate Professor of Plant Ge- netics.....	{C-AY50	5 800
(Total Salary).....	{S-AY50	5 800
		(11 600)
33. Alvin H. Beavers, Associate Professor of Soil Mineralogy.....	{C-AY20	2 200
(Total Salary).....	{S-AY80	8 800
		(11 000)
34. Charles M. Brown, Associate Professor of Plant Breeding.....	S-AY	10 100
35. J. B. Fehrenbacher, Associate Professor of Pedology.....	S-AY	9 600
36. Henry H. Hadley, Associate Professor of Plant Genetics.....	{C-AY20	2 240
(Total Salary).....	{S-AY80	8 960
		(11 200)
37. Carl N. Hittle, Associate Professor of Plant Breeding.....	{C-AY20	2 340
(Total Salary).....	{S-AY80	9 360
		(11 700)
38. Arthur L. Hooker, Associate Professor.....	C-ZAY	
39. J. W. Pendleton, Associate Professor.....	S-AY	10 500
(On leave with pay for six months from August 1, 1961)		
40. Doyle B. Peters, Associate Professor of Soil Physics.....	H-AY30	(3 800)
(Also U.S. Department of Agriculture)		
41. R. S. Stauffer, Associate Professor, <i>Emeritus</i>	S-R	
42. Frank J. Stevenson, Associate Professor of Soil Chemistry.....	{C-AY20	2 300
(Total Salary).....	{S-AY80	9 200
(On leave with one-half pay for one year from August 1, 1961)		(11 500)
43. Ernest D. Walker, Associate Professor, <i>Emeritus</i>	E-R	
44. Herman L. Wascher, Associate Professor of Pedology....	S-AY	9 700
(Leave to be determined)		
45. Roland O. Weibel, Associate Professor of Plant Breeding.....	{C-AY20	1 940
(Total Salary).....	{S-AY80	7 760
		(9 700)
46. John D. Alexander, Assistant Professor of Pedology.....	S-BY	7 700
47. C. H. Farnham, Assistant Professor of Crop Production and Soil Fertility.....	S-BY	8 800
48. Thomas D. Hinesly, Assistant Professor of Soils Extension.....	{S-DY25	2 000
(Total Salary).....	{E-DY75	6 000
		(8 000)
49. Robert W. Howell, Assistant Professor of Physiology.....	C-BY	
50. P.E. Johnson, Assistant Professor of Soil Fertility.....	{S-BY50	4 400
(Total Salary).....	{E-BY50	4 400
		(8 800)
51. Ellery L. Knake, Assistant Professor of Crop Extension.....	{S-BY25	2 275
(Total Salary).....	{E-BY35	3 185
	{L-BY40	(3 640)
		(9 100)
52. James C. Lavery, Assistant Professor of Soil Chemistry Extension.....	{E-BY75	6 150
(Total Salary).....	{L-BY25	(2 050)
		(8 200)
53. Lloyd J. McKenzie, Assistant Professor of Pedology Ex- tension.....	{E-BY50	4 150
(Total Salary).....	{L-BY50	(4 150)
		(8 300)
54. L. B. Miller, Assistant Professor of Soil Fertility.....	S-BY	8 200
55. William D. Pardee, Assistant Professor of Crop Extension.....	{S-DY25	2 050
(Total Salary).....	{E-DY55	4 510
	{L-DY20	(1 640)
		(8 200)
56. Earl B. Patterson, Assistant Professor of Plant Genetics..	H-ZBY57	(4 820)
(Total Salary).....		(8 400)

57. Burton W. Ray, Assistant Professor of Pedology.....	{S-BY80 H-BY20	6 440 (1 460)
(Total Salary).....		(7 900)
58. Burns R. Sabey, Assistant Professor of Soil Microbiology.....	{C-BY50 S-BY50	4 350 4 350
(Total Salary).....		(8 700)
59. Robert D. Seif, Assistant Professor of Biometry.....	{C-BY33 S-BY67	2 870 5 830
(Total Salary).....		(8 700)
60. H. J. Snider, Assistant Professor, <i>Emeritus</i>	S-R	.....
61. Alfred Tate, Assistant Professor, <i>Emeritus</i>	E-R	.....
62. Alfred U. Thor, Assistant Professor, <i>Emeritus</i>	E-R	.....
63. Joseph T. Woolley, Assistant Professor of Plant Physiology.....	C-BY	.....
64. C. J. Badger, Associate, <i>Emeritus</i>	S-R	.....
65. David R. Browning, Research Associate.....	S-DY50	4 000
(Also Southern Illinois University)		
66. Maw Shiu Wang, Research Associate in Soil Chemistry.....	{S-DY80 H-DY20	4 960 (1 240)
(Total Salary).....		(6 200)
67. Lester V. Boone, Assistant in Soil Fertility.....	{S-DY75 E-DY25	3 975 1 325
(Total Salary).....		(5 300)
68. Charles E. Fulcher, Assistant in Soil Fertility.....	{S-DY90 H-DY10	5 040 (560)
(Total Salary).....		(5 600)
69. Charles A. Gholson, Assistant in Soil Fertility.....	{E-DY25 S-DY75	1 325 3 975
(Total Salary).....		(5 300)
70. Derreld L. Mulvaney, Assistant in Soil Fertility.....	{S-DY75 E-DY25	4 425 1 475
(Total Salary).....		(5 900)
71. Melvin L. Peasley, Assistant in Plant Breeding.....	H-ZDY50	(2 650)
(Total Salary).....		(5 300)
72. 1.75 Full Time Equivalent Assistants.....	C-DY	9 800
73. 3.00 Full Time Equivalent Assistants.....	S-DY	15 210
Nonacademic Salaries.....	C	13 920
Nonacademic Salaries.....	S	129 802
Total, Salaries.....		(645 792)
Wages.....	C	1 500
Wages.....	S	13 750
Expense.....	C	7 500
Expense.....	S	76 415
Equipment.....	C	1 500
Equipment.....	S	10 000
Total, Wages, Expense, and Equipment.....		(110 665)
Total, Agronomy.....		\$756 457

Corn Testing Revolving

Account Number 12-15-15-311.....		
1. Melvin L. Peasley, Assistant.....	S-ZDY50	\$ 2 650
Nonacademic Salaries.....	S	5 760
Total, Salaries.....	S	(8 410)
Wages.....	S	5 000
Expense.....	S	3 350
Equipment.....	S	1 500
Total, Wages, Expense, and Equipment.....		(9 850)
Total, Corn Testing Revolving.....		\$18 260

Northern Illinois Experiment Field Revolving

Account Number 12-15-15-356.....		
Expense.....	S	\$ 750
Equipment.....	S	500
Total, Northern Illinois Experiment Field Revolving.....		\$ 1 250

Soil Testing Revolving

Account Number 12-15-15-478

Wages.....	V	\$ 1 000
Expense.....	V	2 000
Equipment.....	E	500
<i>Total, Soil Testing Revolving.....</i>	<i>E</i>	<i>\$ 3 500</i>

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G9614

Account Number 46-15-15-363

1. Earl B. Patterson, Assistant Professor of Plant Genetics... S-ZBY43 \$ 3 580

Animal Science

Account Number 00-15-20-100; College 00-15-20-100; Station 00-15-20-300; Extension 00-15-20-400

1. O. Burr Ross, Professor and Head of Department.....	{C-AY40 S-AY40 E-AY20	\$8 200 8 200 4 100
(Total Salary).....		(20 500)
2. Donald E. Becker, Professor.....	{C-AY50 S-AY50	6 300 6 300
(Total Salary).....		(12 600)
3. Sleeter Bull, Professor, <i>Emeritus</i>	C-R	.....
4. Leslie E. Card, Professor, <i>Emeritus</i>	C-R	.....
5. J. L. Edmonds, Professor, <i>Emeritus</i>	C-R	.....
6. Richard M. Forbes, Professor of Animal Nutrition.....	{C-AY25 S-AY75	3 150 9 450
(Total Salary).....		(12 600)
7. U. S. Garrigus, Professor.....	{C-AY40 S-AY60	5 000 7 500
(Total Salary).....		(12 500)
8. Tom S. Hamilton, Professor of Animal Nutrition.....	C-ZAY	.....
9. B. Connor Johnson, Professor of Animal Biochemistry.....	{C-AY20 S-AY80	2 640 10 560
(Total Salary).....		(13 200)
(On leave with one-half pay for one year from September 1, 1961)		
10. W. G. Kammlade, Professor, <i>Emeritus</i>	C-ZR	.....
11. Joseph Kastelic, Professor of Animal Nutrition.....	{C-AY40 S-AY60	5 920 8 880
(Total Salary).....		(14 800)
12. H. H. Mitchell, Professor, <i>Emeritus</i>	C-R	.....
13. A. V. Nalbandov, Professor of Animal Physiology.....	{C-ZAY20 S-ZAY80	2 900 11 600
(Total Salary).....		(14 500)
14. Alvin L. Neumann, Professor.....	{C-AY40 S-AY60	5 160 7 740
(Total Salary).....		(12 900)
15. Horace W. Norton, Professor of Agricultural Statistical Design and Analysis.....	{C-AY25 S-AY75	3 675 11 025
(Total Salary).....		(14 700)
16. Elmer Roberts, Professor, <i>Emeritus</i>	C-R	.....
17. H. G. Russell, Professor of Animal Science Extension.....	{E-AY70 L-AY30	9 450 (4 050)
(Total Salary).....		(13 500)
18. Harold M. Scott, Professor.....	{C-AY40 S-AY60	6 400 9 600
(Total Salary).....		(16 000)
19. H. W. Bean, Associate Professor.....	C-ZAY	.....
20. Donald J. Bray, Associate Professor.....	{C-AY35 S-AY65	3 395 6 305
(Total Salary).....		(9 700)
21. B. C. Breidenstein, Associate Professor.....	{C-AY35 S-AY65	3 500 6 500
(Total Salary).....		(10 000)

22. George R. Carlisle, Associate Professor of Animal Science Extension.....	{E-AY70 L-AY30	7 980 (3 420)
(Total Salary).....		(11 400)
23. C. W. Crawford, Associate Professor, <i>Emeritus</i>	C-R	.....
24. H. H. Draper, Associate Professor of Animal Nutrition.....	{C-AY50 S-AY50	5 100 5 100
(Total Salary).....		(10 200)
25. Aldon H. Jensen, Associate Professor.....	{C-AY50 S-AY50	5 100 5 100
(Total Salary).....		(10 200)
26. Sorab P. Mistry, Associate Professor of Animal Nutrition.....	{C-AY35 S-AY65	3 500 6 500
(Total Salary).....		(10 000)
27. Ben A. Rasmusen, Associate Professor of Animal Genetics.....	{C-AY50 S-AY50	5 900 5 900
(Total Salary).....		(11 800)
28. Samuel F. Ridlen, Associate Professor of Poultry Extension.....	{E-AY65 L-AY35	6 890 (3 710)
(Total Salary).....		(10 600)
29. George Wolf, Associate Professor of Animal Nutrition.....	S-ZA	.....
30. Waco W. Albert, Assistant Professor.....	{C-BY60 S-BY40	5 100 3 400
(Total Salary).....		(8 500)
31. Edwin M. Banks, Assistant Professor of Animal Behavior.....	C-ZB	.....
32. Philip J. Dziuk, Assistant Professor.....	{C-BY40 S-BY60	3 880 5 820
(Total Salary).....		(9 700)
(On leave with one-half pay for one year from September 1, 1961)		
33. Elton E. Hatfield, Assistant Professor.....	{C-BY40 S-BY60	3 800 5 700
(Total Salary).....		(9 500)
34. Robert G. Kauffman, Assistant Professor.....	C-BY	8 000
35. Garmond S. Smith, Assistant Professor.....	{C-BY40 S-BY60	3 480 5 220
(Total Salary).....		(8 700)
36. J. Elton Zimmerman, Assistant Professor.....	{C-BY50 S-BY50	4 000 4 000
(Total Salary).....		(8 000)
37. ———, Assistant Professor.....	{C-BY40 S-BY60	3 440 5 160
(Total Salary).....		(8 600)
38. Mei-Ling Wu Chang, Research Associate in Animal Nutrition.....	S-ZDY75	4 800
(Total Salary).....		(6 500)
39. Marjorie Edman, Research Associate in Animal Nutrition.....	S-DY	6 300
40. Harold E. Schendel, Research Associate.....	H-ZDY50	(3 000)
(Total Salary).....		(6 000)
41. Donald E. Walker, Instructor in Animal Science Extension.....	{E-DY65 L-DY35	5 785 (3 115)
(Total Salary).....		(8 900)
42. ———, Instructor in Animal Science Extension.....	{E-DY50 L-DY50	4 250 (4 250)
(Total Salary).....		(8 500)
43. Bennie B. Doane, Assistant.....	{C-DY50 S-DY50	2 850 2 850
(Total Salary).....		(5 700)
44. Donald S. Garrigan, Assistant.....	{C-DY40 S-DY60	2 600 3 900
(Total Salary).....		(6 500)
45. Paul E. Lamb, Assistant.....	S-DY	5 400
46. Robert C. Thatcher, Assistant.....	S-DY	5 400
47. 3.00 Full Time Equivalent Assistants.....	C-DY	15 330
48. 4.00 Full Time Equivalent Assistants.....	S-DY	20 420

Nonacademic Salaries.....	C	64 290
Nonacademic Salaries.....	S	139 309
<i>Total, Salaries</i>		(575 004)
Wages.....	C	2 250
Wages.....	S	13 300
Expense.....	C	28 900
Expense.....	S	79 630
Equipment.....	C	5 000
Equipment.....	S	6 250
<i>Total, Wages, Expense, and Equipment</i>		(135 330)
<i>Total, Animal Science</i>		\$710 334

Animal Science Income Revolving

Account Number 12-15-20-320

Expense.....	S	\$140 000
<i>Total, Animal Science Income Revolving</i>		\$140 000

Cooperative Investigations**MUSCULAR DYSTROPHY — VITAMIN E IN RATS**

Account Number 44-15-20-353

1. Agnes Csallany, Research Associate.....	S-DY	\$ 6 000
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U.S. AIR FORCE 359

Account Number 46-15-20-302

1. Harold E. Schendel, Research Associate.....	S-ZDY50	\$ 3 000
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U.S. ARMY MD544

Account Number 46-15-20-303

1. Anna M. Paolucci, Research Associate.....	S-DY	\$ 5 800
2. P. B. Rama Rao, Research Associate.....	S-DY	6 000
<i>Total, U.S. Army MD544</i>		\$11 800

U.S. NATIONAL SCIENCE FOUNDATION G13408

Account Number 46-15-20-357

1. K. Dakshinamurti, Research Associate.....	S-DY	\$ 6 300
2. Halina Neujahr, Research Associate.....	S-FY	6 000
(Effective February 1, 1961)		

<i>Total, U.S. National Science Foundation G13408</i>		\$12 300
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U.S. NATIONAL SCIENCE FOUNDATION G8962

Account Number 46-15-20-359

1. Debajit K. Biswas, Research Associate.....	S-DY	\$ 5 850
2. Mei-Ling Wu Chang, Research Associate.....	S-ZDY25	1 700
3. Sigrid J. Kirschfeld, Research Associate.....	S-DY	5 800

<i>Total, U.S. National Science Foundation G8962</i>		\$13 350
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U.S. PUBLIC HEALTH SERVICE A2607

Account Number 46-15-20-363

1. Vinod V. Modi, Research Associate.....	FY	\$ 6 000
(Effective April 15, 1961)		

U.S. PUBLIC HEALTH SERVICE A3417

Account Number 46-15-20-364

1. Jean W. Graber, Research Associate.....	S-ZDY50	\$ 3 000
(Total Salary).....		(6 000)

U.S. PUBLIC HEALTH SERVICE H2771

Account Number 46-15-20-367

1. Lynda J. Kelley, Assistant.....	S-DY	\$ 5 000
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U.S. PUBLIC HEALTH SERVICE B1386

Account Number 46-15-20-368

1. Jean W. Graber, Research Associate.....	S-ZDY50	\$ 3 000
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U.S. PUBLIC HEALTH SERVICE 2G653

Account Number 46-15-20-370

1. Jack L. Smith, Research Associate.....	S-DY	\$ 5 700
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U.S. PUBLIC HEALTH SERVICE A4730

Account Number 46-15-20-371

1. William E. Rogers, Jr., Research Associate..... S-DY \$ 6 000

County Farm Extension

Account Number 00-15-25-400

1. W. G. Kammlade, State Leader of Farm Advisers, *Emeritus* E-ZR
 {C-AY30 \$ 3 750
 {E-AY30 3 750
 {L-AY40 (5 000)
 (Total Salary)..... (12 500)
2. Ernest W. Anderson, Professor of Agricultural Extension {E-AY30 3 750
 {E-AY30 3 750
 {L-AY40 (5 000)
 (Total Salary)..... (12 500)
3. F. E. Longmire, Professor of Agricultural Extension, *Emeritus*..... L-R
 {E-ZAY
 {E-ZAY40 4 900
 {L-ZAY35 (4 290)
 (Total Salary)..... (12 250)
4. W. D. Murphy, Professor of Agricultural Extension..... E-ZAY
 {E-ZAY40 4 900
 {L-ZAY35 (4 290)
 (Total Salary)..... (12 250)
5. E. H. Regnier, Professor of Rural Recreation..... {E-ZAY40 4 900
 {L-ZAY35 (4 290)
 (Total Salary)..... (12 250)
6. Lawrence J. Biever, Associate Professor of Agricultural 4-H Club Work..... L-AY (11 000)
7. Henry R. Brunnemeyer, Associate Professor, *Emeritus*..... E-R
 {E-AY60 6 750
 {L-AY40 (4 500)
 (Total Salary)..... (11 250)
8. W. F. Coolidge, Assistant State Leader of Farm Advisers and Associate Professor of Agricultural Extension..... {E-AY60 6 750
 {L-AY40 (4 500)
 (Total Salary)..... (11 250)
9. Harold H. Gordon, Assistant State Leader of Farm Advisers and Associate Professor of Agricultural Extension..... {E-AY70 8 050
 {L-AY30 (3 450)
 (Total Salary)..... (11 500)
10. D. M. Hall, Associate Professor of Agricultural Extension {E-AY50 5 000
 {L-AY50 (5 000)
 (Total Salary)..... (10 000)
11. W. F. Lomasney, Associate Professor of Agricultural Extension..... {E-AY60 7 260
 {L-AY40 (4 840)
 (Total Salary)..... (12 100)
12. Richard O. Lyon, Associate Professor of Agricultural 4-H Club Work..... {E-AY70 7 805
 {L-AY30 (3 345)
 (Total Salary)..... (11 150)
13. L. E. McKinzie, Associate Professor, *Emeritus*..... E-R
 {E-AY60 7 260
 {L-AY40 (4 840)
 (Total Salary)..... (12 100)
14. Oren L. Whalin, Associate Professor, *Emeritus*..... E-R
 {E-BY70 7 560
 {L-BY30 (3 240)
 (Total Salary)..... (10 800)
15. Edward J. Barnes, Assistant State Leader of Farm Advisers and Assistant Professor of Agricultural Extension..... {E-BY70 7 700
 {L-BY30 (3 300)
 (Total Salary)..... (11 000)
16. Gerhard Christenson, Assistant State Leader of Farm Advisers and Assistant Professor of Agricultural Extension..... {E-BY70 7 700
 {L-BY30 (3 300)
 (Total Salary)..... (11 000)
17. George L. Daigh, Jr., Assistant Professor of Agricultural 4-H Club Work..... {E-BY70 5 775
 {L-BY30 (2 475)
 (Total Salary)..... (8 250)
18. O. L. Hogsett, Safety Specialist of Agricultural Extension with rank of Assistant Professor..... {E-BY70 5 600
 {L-BY30 (2 400)
 (Total Salary)..... (8 000)
19. F. H. Mynard, Assistant Professor of Agricultural 4-H Club Work..... {E-BY65 6 045
 {L-BY35 (3 255)
 (Total Salary)..... (9 300)
20. Fay H. Root, Assistant Professor of Camp and Park Management..... E-ZBY50 4 700
 (Total Salary)..... (9 400)
21. Glen F. Sons, Assistant State Leader of Farm Advisers and Assistant Professor of Agricultural Extension..... {E-BY65 6 825
 {L-BY35 (3 675)
 (Total Salary)..... (10 500)
22. G. William Stone, Assistant Professor of Agricultural 4-H Club Work..... {E-BY60 5 400
 {L-BY40 (3 600)
 (Total Salary)..... (9 000)
23. Hubert J. Wetzel, Assistant Professor of Agricultural 4-H Club Work..... {E-BY60 5 550
 {L-BY40 (3 700)
 (Total Salary)..... (9 250)

24. Fred L. Haegle, Instructor in Agricultural 4-H Club Work.....	{E-DY80 (L-DY20)	5 120 (1 280)
(Total Salary).....		(6 400)
25. Robert D. Walker, Soil Conservation Specialist with rank of Instructor.....	{E-DY65 (L-DY35)	6 240 (3 360)
(Total Salary).....		(9 600)
26. H. Sue Wittenborn, Assistant in Rural Recreation.....	{E-DY60 (L-DY40)	2 980 (2 120)
(Total Salary).....		(5 100)
27. 99 Farm Advisers (50.45 Full Time Equivalent).....	E-ZDY	436 250
99 Farm Advisers (16.60 Full Time Equivalent).....	L-ZDY	(143 550)
Total, All Funds (99.00 Full Time Equivalent).....		(856 136)
28. 72 Assistant Advisers (44.63 Full Time Equivalent).....	E-ZDY	254 820
72 Assistant Advisers (15.41 Full Time Equivalent).....	L-ZDY	(87 975)
Total, All Funds (72.00 Full Time Equivalent).....		(411 099)
29. 17 Assistants in Farm and Home Development (12.45 Full Time Equivalent).....	E-ZDY	86 000
17 Assistants in Farm and Home Development (3.77 Full Time Equivalent).....	L-ZDY	(26 065)
Total, All Funds (17.00 Full Time Equivalent).....	ZDY	(117 417)
30. 1 Assistant in Rural Development (1.00 Full Time Equivalent).....	L-ZDY	(7 050)
Nonacademic Salaries.....	E	27 420
Total, County Farm Extension.....		\$921 250

Auxiliary — 4-H Memorial Camp Operation

Account Number 18-15-25-780

Nonacademic Salaries.....	\$ 4 860
Total, Salaries.....	(4 860)
Wages.....	10 000
Expense.....	24 000
Equipment.....	1 500
Total, Wages, Expense, and Equipment.....	(35 500)
Total, Auxiliary — 4-H Memorial Camp Operation.....	\$40 360

County Farm Bureau — Farm Advisers

Account Number 44-15-25-400

1. 99 Farm Advisers (31.95 Full Time Equivalent).....	E-ZDY	\$276 336
2. 51 Assistant Advisers (11.96 Full Time Equivalent).....	E-ZDY	68 304
3. 7 Assistants in Farm and Home Development (.78 Full Time Equivalent).....	E-ZDY	5 352
Total, County Farm Bureau — Farm Advisers.....		\$349 992

County Home Extension

Account Number 00-15-30-400

1. Lulu S. Black, Professor, <i>Emerita</i>	E-R	.....
2. Martha L. Dunlap, Professor of Home Economics Extension.....	E-ZAY	.....
3. Jeannette B. Dean, Assistant State Leader of Home Advisers and Associate Professor of Home Economics Extension.....	{E-AY75 (L-AY25)	\$ 7 500 (2 500)
(Total Salary).....		(10 000)
4. Gertrude E. Kaiser, Assistant State Leader of Home Advisers and Associate Professor of Home Economics Extension.....	{E-AY75 (L-AY25)	7 275 (2 425)
(Total Salary).....		(9 700)
5. Mary S. Ligon, Associate Professor, <i>Emerita</i>	E-R	.....
6. Anna W. Searl, Associate Professor, <i>Emerita</i>	E-R	.....
7. Erma Cottingham, Assistant Professor, <i>Emerita</i>	E-R	.....
8. Cleo Hall, Assistant State Leader of Home Advisers and Assistant Professor of Home Economics Extension.....	{E-BY75 (L-BY25)	6 450 (2 150)
(Total Salary).....		(8 600)

9. Florence Kimmelshue, Assistant Professor of Home Economics 4-H Club Work.....	{E-BY70 L-BY30	6 160 (2 640)
(Total Salary).....		(8 800)
10. Mary A. McKee, Assistant Professor, <i>Emerita</i>	E-R	.....
11. Anita Smith, Administrative Assistant to Assistant Director and Assistant Professor of Home Economics Extension.....	{E-DY50 L-DY50	4 200 (4 200)
(Total Salary).....		(8 400)
12. Marian Sympson, Assistant State Leader of Home Advisers and Assistant Professor of Home Economics Extension.....	{E-BY70 L-BY30	6 440 (2 760)
(Total Salary).....		(9 200)
13. Arlene Wolfram, Assistant Professor of Home Economics 4-H Club Work.....	{E-BY70 L-BY30	5 740 (2 460)
(Total Salary).....		(8 200)
14. ———, Assistant State Leader of Home Advisers and Assistant Professor of Home Economics Extension.....	{E-AY50 L-AY50	4 750 (4 750)
(Total Salary).....		(9 500)
15. Alice P. Hare, Instructor in Home Economics 4-H Club Work.....	{E-DY50 L-DY50	3 150 (3 150)
(Total Salary).....		(6 300)
16. Delores L. Parrott, Instructor in Home Economics 4-H Club Work.....	{E-DY65 L-DY35	4 770 (2 580)
(Total Salary).....		(7 350)
17. Natalie S. Riecks, Instructor in Home Economics 4-H Club Work.....	{E-DY75 L-DY25	5 140 (1 710)
(Total Salary).....		(6 850)
18. 95 Home Advisers (62.08 Full Time Equivalent).....	E-ZDY	402 400
95 Home Advisers (25.49 Full Time Equivalent).....	L-ZDY	(165 200)
Total, All Funds (95.00 Full Time Equivalent).....		(615 744)
19. 36 Assistant Advisers (24.08 Full Time Equivalent).....	E-ZDY	118 970
36 Assistant Advisers (10.15 Full Time Equivalent).....	L-ZDY	(50 170)
Total, All Funds (36.00 Full Time Equivalent).....		(177 900)
Nonacademic Salaries.....	E	33 870
Total, County Home Extension.....		\$616 815

County Home Bureau — Home Advisers

Account Number 44-15-30-400

1. 69 Home Advisers (7.43 Full Time Equivalent).....	E-ZDY	\$48 144
2. 21 Assistant Advisers (1.77 Full Time Equivalent).....	E-ZDY	8 760
Total, County Home Bureau — Home Advisers.....		\$56 904

Dairy Science

Account Number 00-15-35-100; College 00-15-35-100; Station 00-15-35-300; Extension 00-15-35-400

1. G. W. Salisbury, Professor and Head of Department.....	{C-AY40 S-AY40 E-AY20	\$ 8 400 8 400 4 200
(Total Salary).....		(21 000)
2. Harry P. Broquist, Professor of Biological Chemistry.....	{C-AY25 S-AY75	3 400 10 200
(Total Salary).....		(13 600)
3. J. G. Cash, Professor of Dairy Science Extension.....	{E-AY65 L-AY35	8 515 (4 585)
(Total Salary).....		(13 100)
4. Karl E. Gardner, Professor of Nutrition.....	C-ZAY	.....
5. K. A. Kendall, Professor.....	{C-AY75 S-AY25	8 775 2 925
(Total Salary).....		(11 700)
6. Willard O. Nelson, Professor of Bacteriology.....	{C-AY20 S-AY80	2 740 10 960
(Total Salary).....		(13 700)
7. W. B. Nevens, Professor, <i>Emeritus</i>	C-R	.....
8. C. S. Rhode, Professor, <i>Emeritus</i>	C-R	.....

9. Robert W. Touchberry, Professor of Genetics.....	{C-AY25 S-AY45 R-AY30	3 100 5 450 (3 850)
(Total Salary).....		(12 400)
10. Noland L. VanDemark, Professor of Physiology.....	{C-AY25 S-AY75	3 550 10 650
(Total Salary).....		(14 200)
11. W. W. Yapp, Professor, <i>Emeritus</i>	C-R	.....
12. M. H. Alexander, Associate Professor of Dairy Husbandry, <i>Emeritus</i>	C-R	.....
13. Richard E. Brown, Associate Professor of Nutrition.....	{C-AY40 S-AY47 H-AY13	4 280 5 065 (1 355)
(Total Salary).....		(10 700)
14. Leo R. Fryman, Associate Professor of Dairy Science Extension.....	{E-AY75 L-AY25	7 650 (2 550)
(Total Salary).....		(10 200)
15. K. E. Harshbarger, Associate Professor of Nutrition....	{C-AY50 S-AY50	5 500 5 500
(Total Salary).....		(11 000)
16. Ray L. Hays, Associate Professor of Physiology.....	{C-AY20 S-AY80	1 980 7 920
(Total Salary).....		(9 900)
17. Bruce L. Larson, Associate Professor of Biological Chemistry.....	{C-AY25 S-AY75	2 750 8 350
(Total Salary).....		(11 100)
18. E. E. Ormiston, Associate Professor of Dairy Husbandry	{C-ZAY50 S-ZAY50	5 250 5 250
(Total Salary).....		(10 500)
(Transferred to Trust)		
19. Jack L. Albright, Assistant Professor of Dairy Husbandry	{C-BY50 S-BY50	4 200 4 200
(Total Salary).....		(8 400)
20. John H. Byers, Assistant Professor.....	{C-BY50 S-BY50	4 800 4 800
(Total Salary).....		(9 600)
21. Carl Lee Davis, Assistant Professor of Nutrition.....	{C-BY50 S-BY50	4 350 4 350
(Total Salary).....		(8 700)
22. John C. De Fries, Assistant Professor of Genetics.....	{C-BY50 S-BY50	3 775 3 775
(Total Salary).....		(7 550)
23. Gerhard W. Harpestad, Assistant Professor of Dairy Science Extension.....	{E-BY60 L-BY40	5 280 (3 520)
(Total Salary).....		(8 800)
24. Ralph V. Johnson, Assistant Professor of Dairy Science Extension.....	{E-BY65 L-BY35	5 785 (3 115)
(Total Salary).....		(8 900)
25. J. Robert Lodge, Assistant Professor of Physiology.....	{C-BY25 S-BY75	2 050 6 150
(Total Salary).....		(8 200)
26. P. P. Somers, Assistant Professor.....	K-ZBY50	(4 750)
(Total Salary).....		(9 500)
27. Meyer J. Wolin, Assistant Professor of Bacteriology....	{C-BY50 S-BY50	4 625 4 625
(Total Salary).....		(9 250)
28. 3.00 Full Time Equivalent Assistants.....	C-DY	15 550
29. 3.00 Full Time Equivalent Assistants.....	S-DY	15 550
Nonacademic Salaries.....	C	54 990
Nonacademic Salaries.....	S	128 955
Total, Salaries.....		(428 570)
Wages.....	C	9 600
Wages.....	S	16 300
Expense.....	C	46 000
Expense.....	S	56 390

Equipment.....	C	4 000
Equipment.....	S	6 500
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(138 790)</u>
<i>Total, Dairy Science.....</i>		<u>\$567 360</u>

Dairy Official Testing Revolving

Account Number 12-15-35-316

Nonacademic Salaries.....	S	\$21 240
<i>Total, Salaries.....</i>	S	<u>(21 240)</u>
Wages.....	S	2 000
Expense.....	S	5 000
Equipment.....	S	500
<i>Total, Wages, Expense, and Equipment.....</i>	S	<u>(7 500)</u>
<i>Total, Dairy Official Testing Revolving.....</i>		<u>\$28 740</u>

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G7499

Account Number 46-15-35-359

1. Herbert R. Kells, Jr., Research Associate.....	S-DY	\$ 6 250
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U.S. PUBLIC HEALTH SERVICE A3156

Account Number 46-15-35-365

1. Mau Huai Kuo, Research Associate.....	S-DY	\$ 6 600
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STATE OF ILLINOIS DEPARTMENT OF AGRICULTURE —

MARKETING MILK AND CREAM

Account Number 47-15-35-351

1. P. P. Somers, Assistant Professor.....	S-ZBY50	\$ 4 750
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Dixon Springs Experiment Station

Account Number 00-15-40-300

1. R. J. Webb, Superintendent and Professor of Agricultural Research and Extension.....	(S-ZAY43 E-ZAY35 H-ZAY22)	\$ 5 680 4 620 (2 900)
(Total Salary).....		(13 200)
(Perquisites University — housing)		
(Transferred to Trust)		
2. John M. Lewis, Acting Superintendent.....	S-DY }	10 650
Associate Professor of Agricultural Research.....	AY }	
(Perquisites University — housing)		
3. Manford E. Mansfield, Associate Professor of Veterinary Research.....	S-ZAY17	1 785
(Total Salary).....		(10 650)
(Perquisites University — housing)		
4. George E. McKibben, Associate Professor of Agricultural Research and Extension.....	(S-AY75 E-AY25)	7 800 2 600
(Total Salary).....		(10 400)
5. H. A. Cate, Assistant Professor of Agricultural Extension.....	(E-RY80 L-BY20)	7 360 (1 840)
(Total Salary).....		(9 500)
(Perquisites Employee — housing).....		(300)
6. George F. Cmarik, Assistant Professor of Agricultural Research.....	S-BY	8 450
7. Leland E. Gard, Assistant Professor of Agricultural Research.....	S-BY	8 600
(Total Salary).....		(8 900)
(Perquisites Employee — housing).....		(300)
8. Alvan R. Gilmore, Assistant Professor of Forestry.....	S-ZBY45	4 005
(Total Salary).....		(9 200)
(Perquisites Employee — housing).....		(300)
9. F. C. Hinds, Assistant Professor.....	S-DY	(7 950)
(Total Salary).....		(8 250)
(Perquisites Employee — housing).....		(300)
10. Robert E. Nelson, Associate Extension Forester.....	E-ZBY	
11. J. Wilson Courter, Research Associate in Horticulture.....	S-ZDY25	1 900
(Total Salary).....		(7 900)
(Perquisites Employee — housing).....		(300)

Nonacademic Salaries	S	133 025
<i>Total, Salaries</i>	S	(196 475)
Wages	S	3 000
Expense	S	79 890
Equipment	S	12 000
<i>Total, Wages, Expense, and Equipment</i>	S	(94 890)
<i>Total, Dixon Springs Experiment Station</i>		<u>\$291 365</u>

Food Technology

Account Number 00-15-50-100; College 00-15-50-100; Station 00-15-50-300

1. Reid T. Milner, Professor and Head of Department	{C-AY20 S-AY80	3 700 14 800
(Total Salary)		(18 500)
(On leave with pay for six months from March 1, 1962)		
2. Ernest O. Herreid, Professor of Dairy Technology	{C-AY20 S-AY80	2 500 10 000
(Total Salary)		(12 500)
3. Louis B. Howard, Professor	C-ZAY	
4. Fred A. Kummerow, Professor of Food Chemistry	{C-AY20 S-AY80	2 700 10 800
(Total Salary)		(13 500)
5. Richard R. Marsh, Professor	C-ZAY	
6. Alvin I. Nelson, Professor of Food Processing	{C-AY60 S-AY40	7 800 5 200
(Total Salary)		(13 000)
7. Z. John Ordal, Professor of Food Microbiology	{C-AY20 S-AY80	2 600 10 400
(Total Salary)		(13 000)
8. P. H. Tracy, Professor, <i>Emeritus</i>	C-R	
9. S. L. Tuckey, Professor of Dairy Technology	{C-AY80 S-AY20	10 400 2 600
(Total Salary)		(13 000)
10. Robert M. Whitney, Professor of Dairy Technology	{C-AY30 S-AY70	3 900 9 100
(Total Salary)		(13 000)
11. Marvin P. Steinberg, Associate Professor of Food Engineering	{C-AY30 S-AY70	3 150 7 350
(Total Salary)		(10 500)
12. Joseph Tobias, Associate Professor of Dairy Technology	{C-AY60 S-AY40	6 300 4 200
(Total Salary)		(10 500)
13. John N. McGill, Assistant Professor	{C-BY20 S-BY80	1 610 6 440
(Total Salary)		(8 050)
14. Harold K. Wilson, Assistant Professor of Dairy Technology	{C-BY30 S-BY70	2 430 5 670
(Total Salary)		(8 100)
15. Lloyd D. Witter, Assistant Professor of Food Microbiology	{C-BY30 S-BY70	3 090 7 210
(Total Salary)		(10 300)
16. 0.75 Full Time Equivalent Assistants	C-DY	3 900
17. 6.00 Full Time Equivalent Assistants	S-DY	31 650
Nonacademic Salaries	C	9 180
Nonacademic Salaries	S	24 680
<i>Total, Salaries</i>		(213 360)
Wages	S	3 000
Expense	C	5 740
Expense	S	13 200
Equipment	C	2 000
Equipment	S	10 000
<i>Total, Wages, Expense, and Equipment</i>		(33 940)
<i>Total, Food Technology</i>		<u>\$247 300</u>

Cooperative Investigations**ILLINOIS HEART ASSOCIATION — DIETARY CHOLESTEROL**

Account Number 44-15-50-340

- | | | |
|---|---------|----------|
| 1. Patricia V. Johnston, Assistant Professor..... | S-ZBY75 | \$ 6 375 |
| (Total Salary)..... | | (8 500) |

U.S. ARMY QUARTERMASTER 1709

Account Number 46-15-50-313

- | | | |
|--|------|----------|
| 1. Lun Shin Wei, Research Associate..... | S-DY | \$ 6 850 |
|--|------|----------|

U.S. PUBLIC HEALTH SERVICE 257

Account Number 46-15-50-357

- | | | |
|---|------|----------|
| 1. Christos Argoudelis, Research Associate..... | S-DY | \$ 5 850 |
|---|------|----------|

U.S. PUBLIC HEALTH SERVICE 1819

Account Number 46-15-50-366

- | | | |
|---|------|----------|
| 1. Kaichi Fukazawa, Research Associate..... | S-DY | \$ 5 850 |
|---|------|----------|

U.S. PUBLIC HEALTH SERVICE A1671

Account Number 46-15-50-369

- | | | |
|--|---------|-----------|
| 1. V. R. Bhalarao, Assistant Professor..... | S-ZBY75 | \$ 6 375 |
| (Total Salary)..... | | (8 500) |
| 2. Noritaka Watada, Research Associate..... | S-DY | 6 300 |
| Total, U.S. Public Health Service A1671..... | | \$ 12 675 |

U.S. PUBLIC HEALTH SERVICE H3063

Account Number 46-15-50-371

- | | | |
|--|---------|----------|
| 1. Toshiro Nishida, Assistant Professor..... | S-ZBY75 | \$ 6 375 |
| (Total Salary)..... | | (8 500) |

U.S. PUBLIC HEALTH SERVICE 5368

Account Number 46-15-50-372

- | | | |
|---|---------|----------|
| 1. V. R. Bhalarao, Assistant Professor..... | S-ZBY25 | \$ 2 125 |
| 2. Patricia V. Johnston, Assistant Professor..... | S-ZBY25 | 2 125 |
| 3. Toshiro Nishida, Assistant Professor..... | S-ZBY25 | 2 125 |
| Total, U.S. Public Health Service 5368..... | | \$ 6 375 |

Forestry

Account Number 00-15-55-100; College 00-15-55-100; Station 00-15-55-300; Extension 00-15-55-400

- | | | |
|--|---------|----------|
| 1. J. Nelson Spaeth, Professor and Head of Department.... | (C-AY35 | \$ 6 475 |
| | (S-AY40 | 7 400 |
| | (E-AY25 | 4 625 |
| (Total Salary)..... | | (18 500) |
| 2. William R. Boggess, Professor..... | (C-AY70 | 8 855 |
| | (S-AY30 | 3 795 |
| (Total Salary)..... | | (12 650) |
| 3. Ralph W. Lorenz, Professor..... | (C-AY45 | 5 760 |
| | (H-AY55 | (7 040) |
| (Total Salary)..... | | (12 800) |
| 4. Charles S. Walters, Professor of Wood Technology and Utilization..... | (C-AY40 | 5 180 |
| | (S-AY60 | 7 770 |
| (Total Salary)..... | | (12 950) |
| 5. L. B. Culver, Associate Professor of Forestry Extension.. | (E-AY50 | 5 700 |
| | (L-AY50 | (5 700) |
| (Total Salary)..... | | (11 400) |
| 6. Israel I. Holland, Associate Professor of Forestry Economics..... | (C-AY40 | 4 300 |
| | (S-AY60 | 6 450 |
| (Total Salary)..... | | (10 750) |
| 7. R. G. Rennels, Associate Professor..... | (C-AY85 | 8 500 |
| | (R-AY15 | (1 500) |
| (Total Salary)..... | | (10 000) |
| 8. W. Freeman Bulkeley, Associate Extension Forester with rank of Assistant Professor..... | (E-BY75 | 5 925 |
| | (L-BY25 | (1 975) |
| (Total Salary)..... | | (7 900) |

9. Howard W. Fox, Assistant Professor.....	S-ZBY67	5 600
(Total Salary).....		(8 400)
10. Alvan R. Gilmore, Assistant Professor.....	H-ZBY35	(4 895)
(Total Salary).....		(8 900)
11. John K. Guiher, Assistant Professor of Wood Technology and Utilization.....	{C-BY50	4 400
(Total Salary).....	{H-BY50	(4 400)
12. Robert E. Nelson, Associate Extension Forester with rank of Assistant Professor.....	{E-ZBY70	6 125
(Total Salary).....	{L-ZBY30	(2 625)
13. Charles E. Olson, Jr., Assistant Professor.....	{C-ZBY39	(8 750)
(Total Salary).....	{H-ZBY19	(3 290)
14. Donald H. Percival, Research Assistant Professor of Wood Technology and Utilization.....	S-ZBY	(1 560)
15. Kenneth R. Peterson, Assistant Professor of Wood Technology and Utilization.....	{C-BY65	(8 450)
(Total Salary).....	{H-BY35	5 600
16. Duncan A. Harkin, Research Associate.....	{S-DY80	(3 060)
(Total Salary).....	{R-DY20	(8 750)
17. Theodore W. Curtin, Assistant Extension Forester with rank of Instructor.....	{E-DY75	5 880
(Total Salary).....	{L-DY25	(1 470)
18. J. J. Jokela, Instructor and Research Associate.....	{C-DY25	(7 350)
(Total Salary).....	{S-DY65	5 550
19. Gary E. Metcalf, Research Assistant.....	{H-DY10	(1 850)
(Total Salary).....	{S-DY50	2 160
20. 1.50 Full Time Equivalent Assistants.....	{H-DY50	5 625
Nonacademic Salaries.....	C-E	(8 650)
Nonacademic Salaries.....	C	2 875
Total, Salaries.....	S	(2 875)
Wages.....	C	(5 750)
Wages.....	S	6 375
Expense.....	C	10 500
Expense.....	S	5 480
Equipment.....	C	(150 285)
Equipment.....	S	1 000
Total, Wages, Expense, and Equipment.....		2 900
Total, Forestry.....		7 200
		6 760
		500
		1 000
		(19 360)
		\$169 645

Cooperative Investigations

MRS. C. P. MILLER—MISSISSIPPI FOREST

Account Number 44-15-55-352

1. Howard W. Fox, Assistant Professor..... S-ZBY33 \$ 2 800

U.S. OFFICE OF NAVAL RESEARCH 1834-31

Account Number 46-15-55-355

1. Charles E. Olson, Jr., Assistant Professor..... S-ZBY42 \$ 3 600

2. Ralph E. Good, Research Associate..... S-FY 5 850

(Effective July 1, 1961)

Total, U.S. Office of Naval Research 1834-31..... \$ 9 450

Home Economics

Account Number 00-15-60-100; College 00-15-60-100; Station 00-15-60-300; Extension 00-15-60-400

1. Janice M. Smith, Professor of Nutrition and Head of Department..... {C-AY45 \$ 7 650

(Total Salary)..... {S-AY30 5 100

2. Kathryn V. Burns, Professor, *Emerita*..... {E-AY25 4 250

..... {C-R (17 000)

3. Julia O. Holmes, Professor of Nutrition.....	{C-AY25 H-AY75	3 125 (9 375)
(Total Salary).....		(12 500)
4. Pearl Z. Janssen, Professor.....	C-A	10 000
5. Nellie L. Perkins, Professor, <i>Emerita</i>	C-R	.....
6. E. Evelyn Smith, Professor, <i>Emerita</i>	C-R	.....
7. Frances O. Van Duyne, Professor of Foods.....	{C-AY35 S-AY65	4 830 8 970
(Total Salary).....		(13 800)
8. Geraldine E. Acker, Associate Professor of Foods and Nutrition in Home Economics Extension.....	{E-AY65 L-AY35	6 790 (3 660)
(Total Salary).....		(10 450)
9. Grace B. Armstrong, Associate Professor, <i>Emerita</i>	C-R	.....
10. Harriet T. Barto, Associate Professor of Dietetics.....	C-A	8 500
11. Mildred Bonnell, Associate Professor.....	C-A	9 500
12. Pauline N. Brimhall, Associate Professor of Health Education.....	{E-AY60 L-AY40	5 700 (3 800)
(Total Salary).....		(9 500)
13. Fannie M. Brooks, Associate Professor, <i>Emerita</i>	C-R	.....
14. Ruth C. Freeman, Associate Professor, <i>Emerita</i>	S-R	.....
15. Ruth L. Galbraith, Associate Professor.....	{C-AY55 H-AY45	6 190 (5 060)
(Total Salary).....		(11 250)
16. Margaret R. Goodyear, Associate Professor.....	C-AY	11 400
17. Edna Walls Hatton, Associate Professor, <i>Emerita</i>	C-R	.....
18. Dorothy S. Iwig, Associate Professor, <i>Emerita</i>	E-R	.....
19. Florence M. King, Associate Professor, <i>Emerita</i>	C-R	.....
20. Margueritte B. Lynch, Associate Professor of Family Life in Home Economics Extension.....	{E-AY55 L-AY45	5 750 (4 700)
(Total Salary).....		(10 450)
21. Helen E. McCullough, Associate Professor, <i>Emerita</i>	R	.....
22. Queenie B. B. Mills, Associate Professor of Child Development.....	C-A	9 600
23. Elizabeth M. Osman, Associate Professor.....	{C-AY30 H-AY70	3 300 (7 700)
(Total Salary).....		(11 000)
24. Lorraine Trebilcock, Associate Professor.....	C-A	8 300
25. ———, Associate Professor.....	{S-AY25 H-AY35 R-AY40	2 675 (3 745) (4 280)
(Total Salary).....		(10 700)
26. ———, Associate Professor of Home Management.....	{E-AY50 L-AY50	4 925 (4 925)
(Total Salary).....		(9 850)
27. ———, Associate Professor.....	C-AY	10 800
28. Karlyne A. Anspach, Assistant Professor.....	C-B	6 900
29. Robbie G. Blakemore, Assistant Professor.....	C-B	6 500
30. Gertrude L. Borchers, Assistant Professor.....	{S-BY45 H-BY55	3 530 (4 320)
(Total Salary).....		(7 850)
31. Fern Carl, Assistant Professor, <i>Emerita</i>	C-R	.....
32. Elizabeth Dean, Assistant Professor of Health Education in Home Economics Extension.....	L-BY	(8 400)
33. Clara F. Dodson, Assistant Professor of Home Furnishings in Home Economics Extension.....	L-BY	(7 550)
34. Virginia Guthrie, Assistant Professor.....	C-B	7 300
35. Reulah A. Hunzicker, Assistant Professor.....	C-B	8 100
(Perquisites University—one meal)		
36. Willis C. Kauffman, Assistant Professor.....	C-B	7 600
37. Glenna H. Lamkin, Assistant Professor.....	C-B	7 100
38. Millicent V. Martin, Assistant Professor.....	C-D	6 500
39. Beula V. McKey, Assistant Professor of Nutrition.....	S-BY	7 950
40. Willie M. Mowrer, Assistant Professor.....	C-B	7 900
41. Elizabeth M. Nyholm, Assistant Professor.....	C-B	6 700

42. Donald W. Rapp, Assistant Professor.....	C-BY	8 150
43. K. Virginia Seidel, Assistant Professor of Home Furnish- (E-BY65		5 590
ings in Home Economics Extension..... (L-BY35		(3 010)
(Total Salary).....		(8 600)
44. Esther Siemen, Assistant Professor of Clothing..... (E-BY50		4 025
(Total Salary)..... (L-BY50		(4 025)
45. Robert B. Smith, Assistant Professor of Music..... C-ZB50		(8 050)
(Total Salary).....		3 450
46. Clareta Walker, Assistant Professor of Family Life..... (E-BY50		(6 900)
(Total Salary)..... (L-BY50		4 050
47. Gladys J. Ward, Assistant Professor, <i>Emerita</i> C-R		(4 050)
48. Helen K. Zwolanek, Assistant Professor..... C-B		(8 100)
49. ———, Assistant Professor..... C-B		6 900
50. ———, Assistant Professor..... (E-BY35		6 500
(Total Salary)..... (L-BY35		2 730
51. Anne M. Kylen, Research Associate..... (S-DY25		(2 730)
(Total Salary)..... (H-DY75		(5 460)
52. Rosemary A. Bowald, Instructor..... C-D		1 750
53. Nyla M. Gorham, Instructor in Foods and Nutrition in (E-DY50		(5 250)
Home Economics Extension..... (L-DY50		(7 000)
(Total Salary).....		5 400
54. Eloise Lorch, Instructor..... C-D		3 800
55. Marjorie E. Mead, Instructor in Clothing..... (E-DY50		(3 800)
(Total Salary)..... (L-DY50		(7 600)
56. James E. Moore, Instructor..... (C-DY70		5 600
(Total Salary)..... (S-DY30		3 850
57. Lila J. Oderkirk, Instructor..... C-D		(7 700)
58. Bette T. Schaffner, Instructor..... C-D		4 270
59. Marjorie A. Sohn, Instructor..... (E-DY70		1 830
(Total Salary)..... (L-DY30		(6 100)
60. Betty A. Street, Instructor..... C-D		5 600
61. ———, Instructor..... C-D		6 000
62. ———, Instructor..... C-D75		5 040
63. Helen M. House, Assistant..... C-E		(2 160)
64. Frances M. LaFont, Assistant..... (S-DY33		(7 200)
(Total Salary)..... (H-DY67		5 900
65. Vivian P. Larson, Assistant..... C-E		4 800
(Perquisites University — one meal)		4 275
66. Barbara McGrath, Assistant..... (S-DY55		5 100
(Total Salary)..... (H-DY45		(2 655)
67. Barbara M. Shannon, Assistant..... (C-DY15		(5 900)
(Total Salary)..... (H-DY85		765
68. 5.70 Full Time Equivalent Assistants..... C-DY		(4 335)
Nonacademic Salaries..... C		(5 100)
Nonacademic Salaries..... S		27 960
Total Salaries.....		40 170
Wages..... C		10 890
Wages..... S		(407 910)
Expense..... C		4 960
Expense..... S		1 000
Equipment..... C		33 460
Equipment..... S		1 700
Total, Wages, Expense, and Equipment.....		2 200
Total, Home Economics.....		1 500
		(44 820)
		\$452 730

Home Economics Cafeteria Revolving

Account Number 12-15-60-212

Nonacademic Salaries.....	\$11 050
<i>Total, Salaries</i>	(11 050)
Wages.....	3 500
Expense.....	25 000
Equipment.....	1 000
<i>Total, Wages, Expense, and Equipment</i>	(29 500)
<i>Total, Home Economics Cafeteria Revolving</i>	\$40 550

Horticulture

Account Number 00-15-65-100; College 00-15-65-100; Station 00-15-65-300; Extension 00-15-65-400

1. Charles J. Birkeland, Professor and Head of Department	{C-AY40 S-AY45 E-AY15	\$ 6 800 7 650 2 550
(Total Salary).....		(17 000)
2. H. W. Anderson, Professor, <i>Emeritus</i>	C-R	.....
3. Charles Y. Arnold, Professor of Vegetable Crops.....	{C-AY30 S-AY70	3 690 8 610
(Total Salary).....		(12 300)
4. Arthur S. Colby, Professor, <i>Emeritus</i>	C-R	.....
5. M. J. Dorsey, Professor, <i>Emeritus</i>	C-R	.....
6. Walter A. Huelsen, Professor, <i>Emeritus</i>	C-R	.....
7. M. B. Linn, Professor of Plant Pathology.....	C-ZAY	.....
8. Richard V. Lott, Professor of Pomology.....	{C-AY20 S-AY80	2 500 10 000
(Total Salary).....		(12 500)
9. J. P. McCollum, Professor of Vegetable Crops.....	{C-AY30 S-AY70	3 540 8 260
(Total Salary).....		(11 800)
10. V. G. Milum, Professor of Apiculture.....	{C-AY30 S-AY70	3 480 8 120
(Total Salary).....		(11 600)
11. Dwight Powell, Professor of Plant Pathology.....	C-ZAY	.....
12. F. F. Weinard, Professor of Floriculture.....	{C-AY30 S-AY70	3 480 8 120
(Total Salary).....		(11 600)
13. J. R. Culbert, Associate Professor of Floriculture.....	{C-AY50 S-AY50	5 100 5 100
(Total Salary).....		(10 200)
14. Daniel F. Dayton, Associate Professor of Plant Breeding.....	{C-AY50 H-AY50	5 100 (5 100)
(Total Salary).....		(10 200)
15. John B. Gartner, Associate Professor of Floriculture.....	{C-AY30 S-AY70	3 150 7 350
(Total Salary).....		(10 500)
16. James B. Mowry, Associate Professor (Also Southern Illinois University)	S-AY50	5 600
17. Frank W. Owen, Associate Professor.....	{E-AY65 L-AY35	6 500 (3 500)
(Total Salary).....		(10 000)
18. Roy K. Simons, Associate Professor of Pomology.....	{C-AY25 S-AY75	2 575 7 225
(Total Salary).....		(10 300)
19. Anson E. Thompson, Associate Professor of Vegetable Crops.....	{C-AY70 H-AY30	7 140 (3 060)
(Total Salary).....		(10 200)
20. John S. Titus, Associate Professor of Pomology.....	{C-AY25 S-AY75	2 925 8 775
(Total Salary).....		(11 700)
21. Joseph S. Vandemark, Associate Professor.....	{C-AY25 E-AY25 L-AY50	2 500 2 500 (5 000)
(Total Salary).....		(10 000)

22. Charles E. Ackerman, Assistant Professor of Floriculture	{C-BY25	2 150
(Total Salary)	{E-BY75	6 450
23. Herbert C. Barrett, Assistant Professor of Plant Breeding	S-BY	(8 600)
24. Roger W. Hepler, Assistant Professor of Vegetable Crops	S-BY	9 500
25. Harleigh R. Kemmerer, Assistant Professor	S-BY	8 000
(Total Salary)	C-ZBY10	1 000
26. Joseph C. McDaniel, Assistant Professor	{S-BY	(10 000)
27. William R. Nelson, Jr., Assistant Professor	{E-BY70	7 950
(Total Salary)	{L-BY30	6 160
28. Ashby M. Rhodes, Assistant Professor	S-BY	(2 640)
29. Lee A. Somers, Assistant Professor, <i>Emeritus</i>	E-R	(8 800)
30. B. L. Weaver, Assistant Professor, <i>Emeritus</i>	C-R	8 800
31. Chester C. Zych, Assistant Professor	{C-BY25	2 250
(Total Salary)	{S-BY75	6 750
32. Robert A. Miller, Research Associate	{S-DY50	(9 000)
(Total Salary)	{E-DY50	3 400
33. J. Wilson Courter, Instructor	{E-ZDY60	(6 800)
(Total Salary)	{L-ZDY15	4 600
34. David B. Dickinson, Jr., Instructor in Vegetable Crops	{C-DY20	(1 100)
(Total Salary)	{S-DY80	(7 900)
35. Gail M. Fosler, Instructor in Floriculture	{C-DY25	1 300
(Total Salary)	{S-DY75	5 200
36. John E. Fucik, Instructor in Pomology	{C-DY80	(6 500)
(Total Salary)	{S-DY20	2 125
37. Donald C. Saupe, Instructor in Floriculture	{C-DY20	6 375
(Total Salary)	{S-DY80	(8 500)
38. Wilbur A. Kelley, Research Assistant	S-DY	5 200
39. Wei-June Lu, Research Assistant	S-DY	1 300
40. 0.75 Full Time Equivalent Assistants	C-DY	(6 500)
41. 3.00 Full Time Equivalent Assistants	S-DY	6 100
Nonacademic Salaries	C	5 600
Nonacademic Salaries	S	4 170
Total, Salaries		16 080
Wages	C	12 900
Wages	S	163 425
Expense	C	(455 525)
Expense	S	1 000
Equipment	C	8 300
Equipment	S	6 600
Total, Wages, Expense, and Equipment	S	33 280
Total, Horticulture		1 000
		2 300
		(52 480)
		\$508 005

Cooperative Investigations

STATE OF ILLINOIS DIVISION OF HIGHWAYS—WOODY GROUND COVER

Account Number 47-15-65-393

1. Harleigh R. Kemmerer, Assistant Professor..... S-ZBY90 \$ 9 000

Plant Pathology

Account Number 00-15-68-100; College 00-15-68-100; Station 00-15-68-300

1. Wayne M. Bever, Professor and Head of Department... {C-AY50 \$ 8 750
 (Total Salary)..... {S-AY50 8 750
 (17 500)

2. Lindsay M. Black, Professor..... C-ZA

3. J. Cedric Carter, Professor..... C-AY

4. James W. Gerdemann, Professor.....	{C-ZAY40 S-ZAY60	4 820 7 230
(Total Salary).....		(12 050)
(On leave with pay for six months from August 1, 1961)		
5. David Gottlieb, Professor.....	{C-AY20 S-AY80	2 880 11 520
(Total Salary).....		(14 400)
6. Benjamin Koehler, Professor, <i>Emeritus</i>	S-ZR	.....
7. M. B. Linn, Professor.....	{C-ZAY20 S-ZAY80	2 580 10 320
(Total Salary).....		(12 900)
8. Dwight Powell, Professor.....	{C-ZAY20 S-ZAY80	2 710 10 840
(Total Salary).....		(13 550)
9. H. H. Thornberry, Professor.....	{C-AY20 S-AY80	2 550 10 200
(Total Salary).....		(12 750)
10. Arthur L. Hooker, Associate Professor.....	{C-ZAY20 S-ZAY80	2 200 8 800
(Total Salary).....		(11 000)
11. Malcolm C. Shurtleff, Associate Professor of Plant Pa- thology Extension.....	{S-BY20 E-BY40 L-BY40	2 100 4 200 (4 200)
(Total Salary).....		(10 500)
12. Michael P. Britton, Assistant Professor.....	{E-BY10 S-BY90	920 8 280
(Total Salary).....		(9 200)
13. Donald W. Chamberlain, Assistant Professor.....	C-BY	.....
14. Helen C. Hechler, Research Assistant.....	S-DY	5 100
15. Mary R. Phillippe, Research Assistant.....	S-DY	5 100
16. 0.75 Full Time Equivalent Assistants.....	C-DY	4 075
17. 0.15 Full Time Equivalent Assistants.....	S-DY	1 425
Nonacademic Salaries.....	C	8 640
Nonacademic Salaries.....	S	5 040
Total, Salaries.....		(139 030)
Wages.....	C	300
Wages.....	S	1 300
Expense.....	C	1 450
Expense.....	S	8 230
Equipment.....	C	400
Equipment.....	S	1 000
Total, Wages, Expense, and Equipment.....		(12 680)
Total, Plant Pathology.....		\$151 710

Indirect Costs — Graduate Plant Pathology — Thornberry

Account Number 41-15-68-382

1. Inez N. Kamp, Research Associate.....	S-G	\$ 5 500
(Effective four months from September 1, 1961)		
Total, Indirect Costs — Graduate Plant Pathology — Thornberry.....		\$ 5 500

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G9852

Account Number 46-15-68-359

1. Paul D. Shaw, Assistant Professor.....	S-BY	\$ 8 500
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Veterinary Research

Account Number 00-15-70-300

1. C. A. Brandly, Professor and Head of Department.....	S-ZAY25	\$ 5 375
(Total Salary).....		(21 500)
2. J. O. Alberts, Professor.....	S-ZAY35	5 670
(Total Salary).....		(16 200)
3. Paul D. Beamer, Professor.....	S-ZAY25	3 250
(Total Salary).....		(13 000)
(Transferred to Trust)		

4. Lyle E. Hanson, Professor.....	S-ZAY85	11 135
(Total Salary).....		(13 100)
5. Norman D. Levine, Professor.....	S-ZAY35	5 155
(Total Salary).....		(14 700)
6. Roger P. Link, Professor.....	S-ZAY10	1 385
(Total Salary).....		(13 850)
7. Elwood F. Reber, Professor.....	S-ZAY71	8 730
(Total Salary).....		(12 300)
(On leave with one-half pay for one year from September 1, 1961)		
8. L. E. St. Clair, Professor.....	S-ZAY25	3 475
(Total Salary).....		(13 900)
9. Diego Segre, Professor.....	S-ZAY35	4 440
(Total Salary).....		(12 700)
10. Joseph Simon, Professor.....	S-ZFY25	(3 250)
(Total Salary).....		(13 000)
(Effective September 1, 1961 to April 30, 1962)		
11. _____, Professor.....	S-ZAY25	3 660
(Total Salary).....		(15 400)
12. Deam H. Ferris, Associate Professor.....	S-ZAY	
13. Manford E. Mansfield, Associate Professor of Veterinary Research and Extension.....	S-ZAY17	1 950
(Total Salary).....	(L-ZAY66	(6 915)
(Total Salary).....		(10 650)
14. Jesse R. Pickard, Associate Professor of Veterinary Extension.....	(E-ZAY30	3 450
(Total Salary).....	(L-ZAY30	(3 450)
(Total Salary).....		(11 500)
15. George T. Woods, Associate Professor.....	S-ZAY60	6 960
(Total Salary).....		(11 600)
16. _____, Associate Professor.....	H-ZDY45	(4 430)
(Total Salary).....		(11 000)
17. William G. Huber, Assistant Professor.....	S-ZBY20	2 100
(Total Salary).....		(10 000)
18. Robert L. Brewer, Instructor.....	S-ZDY30	2 220
(Total Salary).....		(7 400)
19. Michel G. Cote, Instructor.....	S-ZDY60	4 800
(Total Salary).....	R-ZDY22	(1 700)
20. Thomas E. Fritz, Instructor.....		(8 000)
(Total Salary).....	S-ZDY30	2 320
21. Lloyd C. Helper, Instructor.....		(7 750)
(Total Salary).....	S-ZDY60	4 850
22. E. Travis Littledike, Instructor.....	S-ZDY10	1 060
(Total Salary).....		(10 500)
23. A. H. Safanie, Instructor.....	S	5 400
Nonacademic Salaries.....	S	(87 385)
Total, Salaries.....	S	2 320
Wages.....	S	26 455
Expense.....	S	(28 775)
Total, Wages, Expense, and Equipment.....		
Total, Veterinary Research.....		\$116 160

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE E790

Account Number 46-15-70-367

1. Joan M. Schaeffler, Instructor.....	S-ZDY8	\$ 480
(Total Salary).....		(4 600)

Vocational Agriculture

Account Number 00-15-75-100

1. Melvin Henderson, Professor.....	C-AY	\$13 750
2. John H. Herbst, Associate Professor.....	C-ZAY50	5 200
(Total Salary).....		(10 400)
3. John W. Matthews, Associate Professor.....	C-ZAY50	5 625
(Total Salary).....		(11 250)

4. Herbert J. Rucker, Associate Professor, <i>Emeritus</i>	C-R	.....
5. William H. Witt, Associate Professor.....	C-AY	10 900
6. Roger L. Courson, Instructor.....	C-DY	8 700
7. Roland F. Espenschied, Instructor.....	C-ZDY50	(4 500)
(Total Salary).....		(9 000)
Nonacademic Salaries.....		12 225
<i>Total, Salaries</i>	C	(56 400)
Wages.....	C	550
Expense.....	C	5 610
<i>Total, Wages, Expense, and Equipment</i>	C	(6 160)
<i>Total, Vocational Agriculture</i>		\$ 62 560

Vocational Agriculture Revolving

Account Number 12-15-75-270

Nonacademic Salaries.....		\$ 7 050
<i>Total, Salaries</i>		(7 050)
Wages.....		1 000
Expense.....		30 000
Equipment.....		2 000
<i>Total, Wages, Expense, and Equipment</i>		(33 000)
<i>Total, Vocational Agriculture Revolving</i>		\$40 050

Federal Research**Hatch Fund**

Account Number 21-15-00-300

1. Academic Salaries (see H in departmental budgets).....		\$204 855
2. 26.50 Full Time Equivalent Assistants.....		130 640
Nonacademic Salaries.....		93 421
<i>Total, Salaries</i>		(428 916)
Wages.....		60 653
Expense.....		166 193
Equipment.....		34 408
<i>Total, Wages, Expense, and Equipment</i>		(261 254)
<i>Total, Hatch Fund</i>		\$690 170

Regional Research Fund

Account Number 23-15-00-300

1. Academic Salaries (see R in departmental budgets).....		\$42 560
2. 7.50 Full Time Equivalent Assistants.....		39 194
Nonacademic Salaries.....		10 245
<i>Total, Salaries</i>		(91 999)
Wages.....		25 000
Expense.....		33 176
Equipment.....		8 000
<i>Total, Wages, Expense, and Equipment</i>		(66 176)
<i>Total, Regional Research Fund</i>		\$158 175

Agricultural Marketing Act Title II

Account Number 28-15-00-300

1. 0.50 Full Time Equivalent Assistants.....		\$ 2 500
Expense.....		3 650
<i>Total, Agricultural Marketing Act Title II</i>		\$ 6 150

Federal Extension**Research and Marketing Fund**

Account Number 34-15-00-400

1. Academic Salaries (see K in departmental budgets).....		\$19 000
2. 0.50 Full Time Equivalent Assistants.....		2 500
<i>Total, Salaries</i>		(21 500)
Expense.....		7 400
<i>Total, Research Marketing Fund</i>		\$28 900

Smith-Lever Fund

Account Number 36-15-00-400

1. Academic Salaries (see L in departmental budgets)	\$863 010
<i>Total, Salaries</i>	(863 010)
Wages	15 000
Equipment	4 000
Expense	795 756
<i>Total, Wages, Expense, and Equipment</i>	(814 756)
<i>Total, Smith-Lever Fund</i>	\$1 677 760

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

	General	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Administration	\$ 132 520	\$39 600	\$ 172 120
Accountancy	317 250	8 770	326 020
Business Education	55 425	3 400	58 825
Business Law	58 500	800	59 300
Economics	433 160	11 000	444 160
Finance	148 250	4 600	152 850
Graduate School of Business Administration	45 820	4 000	49 820
Management	124 850	4 000	128 850
Marketing	141 470	3 300	144 770
<i>Total, Instruction</i>	(1 457 245)	(79 470)	(1 536 715)
<i>Organized Research</i>			
Bureau of Economic and Business Research	91 750	19 950	111 700
<i>Extension and Public Services</i>			
Bureau of Business Management	64 595	9 200	73 795
<i>Total, General</i>	\$1 613 590	\$108 620	\$1 722 210

	Restricted	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Commerce Student Placement Revolving		\$ 1 200	\$ 1 200
Estimated Endowment Income	\$ 31 500	3 500	35 000
Estimated Private Gifts	1 400	1 600	3 000
Estimated U. S. Contracts	6 000	4 000	10 000
<i>Total, Instruction</i>	(38 900)	(10 300)	(49 200)
<i>Organized Research</i>			
Bureau of Economic and Business Research			
Revolving		3 500	3 500
Estimated Private Gifts	45 500	24 500	70 000
Estimated U.S. Contracts	7 500	3 500	11 000
<i>Total, Organized Research</i>	(53 000)	(31 500)	(84 500)
<i>Extension and Public Services</i>			
Executive Development Program Revolving		25 000	25 000
Business Management Revolving	1 440	9 000	10 440
Estimated Private Gifts	17 000	8 000	25 000
<i>Total, Extension and Public Services</i>	(18 440)	(42 000)	(60 440)
<i>Total, Restricted</i>	\$ 110 340	\$83 800	\$194 140

Administration

Account Number 00-17-01-100

1. Paul M. Green, Dean	ZBY	\$ 23 000
2. C. M. Thompson, Dean and Professor of Economics, Emeritus	R	.....
3. Dorothy Litherland, Associate Dean	ZBY	16 200
4. Robert G. Seymour, Director of Executive Develop- ment Center	ZBY	15 000
5. Stanley C. Robinson, Professor of Business Admini- stration	ZAY	.....

6. Walter W. McMahon, Assistant Dean.....	ZB33	3 200
(Total Salary)		(9 500)
7. John L. Johnson, Director of Commerce Placement and Assistant Professor of Business Administration.....	BY	10 400
8. James P. Tushaus, Assistant Dean.....	ZDY70	6 900
(Total Salary)		(9 500)
(Includes full time in the summer)		
9. _____, Assistant Professor of Business Admin- istration	EY50	4 000
10. Dale W. Harrison, Research Associate in Business Ad- ministration.....	ZD25	1 200
(Total Salary)		(3 600)
11. George C. Mead, Student Counselor.....	ZDY60	4 000
(Total Salary)		(6 600)
(Includes full time in the summer)		
12. 1.00 Full Time Equivalent Assistants.....	DY	5 000
Nonacademic Salaries		43 620
Total, Salaries		(132 520)
Wages.....		4 300
Expense		17 100
Contingent.....		3 000
Convention Travel		5 000
Nonrecurring Unassigned		(2 000)
Equipment.....		10 200
Total, Wages, Expense, and Equipment		(39 600)
Total, Administration		\$172 120

Commerce Student Placement Revolving

Account Number 12-17-01-177

Expense.....	\$ 1 200
Total, Commerce Student Placement Revolving.....	\$ 1 200

Executive Development Program Revolving

Account Number 12-17-01-422

Wages.....	\$ 15 000
Expense.....	10 000
Total, Executive Development Program Revolving...	\$ 25 000

Accountancy

Account Number 00-17-05-100

1. C. A. Moyer, Professor and Head of Department.....	A	\$ 17 500
2. Norton M. Bedford, Professor.....	A	16 300
3. Robert I. Dickey, Professor.....	A	16 300
4. Charles H. Griffin, Professor.....	A	10 600
5. Dorothy Litherland, Professor.....	ZAY	.....
6. A. C. Littleton, Professor, <i>Emeritus</i>	R	.....
7. Gaze E. Lukas, Professor.....	A	11 400
8. R. K. Mautz, Professor.....	A	16 300
9. Lloyd Morey, Professor, <i>Emeritus</i>	ZR	.....
10. Hale L. Newcomer, Professor.....	A	13 600
11. Kenneth W. Perry, Professor.....	A	10 900
12. H. T. Scovill, Professor, <i>Emeritus</i>	R	.....
13. Donald H. Skadden, Professor.....	A	10 500
14. E. L. Theiss, Professor, <i>Emeritus</i>	R	.....
15. William E. Thomas, Jr., Professor.....	A	12 200
16. Nelson D. Wakefield, Professor.....	A	11 500
17. Arthur R. Wyatt, Professor.....	A	10 700
18. Vernon K. Zimmerman, Professor.....	A	10 200
19. Gerald D. Brighton, Associate Professor.....	A	9 200
20. Edwin J. DeMaris, Associate Professor.....	A	9 500
21. Robert E. Schlosser, Associate Professor.....	A	9 700
22. C. C. DeLong, Assistant Professor.....	ZDY	.....
23. William L. Ferrara, Assistant Professor.....	B	8 300
24. Philip E. Fess, Assistant Professor.....	B	8 100

25. Hellfried P. Holzer, Assistant Professor.....	B	9 000
26. Thomas H. Williams, Assistant Professor.....	B	7 500
27. Jack G. Barnhill, Instructor.....	D	4 800
28. William B. Barrett, Instructor.....	D75	3 800
29. Lewis C. Buller, Instructor.....	D	4 800
30. Nancy A. Desmond, Instructor.....	D	5 000
31. Dale W. Harrison, Instructor.....	ZD50	2 400
(Total Salary)		(3 600)
32. Donald E. Kieso, Instructor.....	D50	2 400
33. George C. Mead, Instructor.....	ZDY40	2 600
(Total Salary)		(6 600)
34. Billie J. North, Instructor.....	D75	3 600
35. Richard F. Page, Instructor.....	D75	3 600
36. Thomas R. Prince, Instructor.....	D50	2 400
37. 9.25 Full Time Equivalent Assistants.....	E	37 850
Nonacademic Salaries		14 700
Total, Salaries		(317 250)
Expense		8 770
Total, Accountancy		\$326 020

Business Education

Account Number 00-17-10-100		
1. Arnold C. Condon, Professor and Head of Department	A	\$ 13 800
2. Floyd L. Crank, Associate Professor.....	ZA55	4 525
(Total Salary)		(8 200)
3. Elizabeth R. Melson, Associate Professor.....	A	10 000
4. Mabel R. Hagan, Assistant Professor, <i>Emerita</i>	ZR	.....
5. Ralph E. Mason, Assistant Professor.....	{BY50 B50	5 285 4 315
(Total Salary)		(9 600)
6. Mildred E. Reed, Assistant Professor.....	B	7 500
7. Anna K. Mahaffey, Instructor.....	D	4 800
8. 0.50 Full Time Equivalent Assistants.....		2 200
Nonacademic Salaries		3 000
Total, Salaries		(55 425)
Expense		3 400
Total, Business Education.....		\$ 58 825

Business Law

Account Number 00-17-15-100		
1. _____, Professor and Head of Department.....	A	\$ 14 200
2. C. C. Curtis, Professor, <i>Emeritus</i>	R	.....
3. E. R. Dillavou, Professor, <i>Emeritus</i>	R	.....
4. Paul C. Roberts, Professor.....	A	12 200
5. Robert N. Corley, Associate Professor.....	A	8 600
6. B. F. Kirkpatrick, Associate Professor.....	A	9 100
7. Robert L. Black, Jr., Assistant Professor.....	B	7 800
8. John B. Hyde, Assistant Professor.....	B67	6 600
Total, Salaries		(58 500)
Expense		800
Total, Business Law.....		\$ 59 300

Economics

Account Number 00-17-20-100		
1. J. F. Bell, Professor.....	A}	\$ 18 250
Chairman of Department.....	B}	
2. H. K. Allen, Professor.....	A	15 100
3. V. Lewis Bassie, Professor.....	ZAY	.....
(On leave with one-half pay 1961-62)		
4. Royal Brandis, Professor.....	A	10 750
5. Hans J. Brems, Professor.....	A	14 700
6. Pembroke H. Brown, Professor, <i>Emeritus</i>	R	.....
7. W. Ellison Chalmers, Professor.....	ZAY	.....

8. John F. Due, Professor.....	A	15 100
(On leave with pay second semester 1961-62)		
9. Robert Ferber, Professor.....	ZAY	.....
10. Dwight P. Flanders, Professor.....	A	13 300
11. H. M. Gray, Professor.....	A	14 350
12. Robert W. Harbeson, Professor.....	A	12 300
13. Donald R. Hodgman, Professor.....	A	11 000
14. Donald L. Kemmerer, Professor.....	A	14 700
15. Simon Litman, Professor, <i>Emeritus</i>	R	.....
16. D. Philip Locklin, McKinley Professor of the Eco- nomics of Public Utilities.....	ZA80	12 600
(Total Salary).....		(15 600)
17. E. B. McNatt, Professor.....	A	13 900
18. W. H. McPherson, Professor.....	ZAY	.....
19. W. A. Neiswanger, Professor.....	A	15 100
20. Donald W. Paden, Professor.....	A	12 000
(On leave with one-half pay 1961-62)		
21. John B. Parrish, Professor.....	A	12 400
22. W. C. Robb, Professor, <i>Emeritus</i>	R	.....
23. Grace Beckett, Associate Professor.....	A	9 200
24. Floyd B. Haworth, Associate Professor, <i>Emeritus</i>	R	.....
25. Joseph L. McConnell, Associate Professor.....	A	10 400
26. Walter W. McMahon, Associate Professor.....	ZA67	6 300
(Total Salary).....		(9 500)
27. Lewis E. Wagner, Associate Professor.....	AY	12 000
28. Paul J. Wells, Associate Professor.....	A	9 200
29. Janet Louise Weston, Associate Professor.....	A	8 200
30. Thomas A. Yancey, Associate Professor.....	A	9 600
31. _____, Associate Professor.....	A	10 000
32. Bruce E. Edwards, Assistant Professor.....	D	7 800
33. Robert W. Gillespie, Assistant Professor.....	B	7 900
34. Frederick M. Gottheil, Assistant Professor.....	B	7 900
35. Frederick Kohlmeier, Assistant Professor.....	B	8 000
36. Robert W. Resek, Assistant Professor.....	B	7 500
37. Franklin R. Shupp, Assistant Professor.....	B	8 100
38. Case M. Sprenkle, Assistant Professor.....	B	7 900
39. Stanley W. Steinkamp, Research Assistant Professor..	ZB67	(5 200)
(Total Salary).....		(7 800)
(Paid from item 20)		
40. D. H. Hoover, Associate, <i>Emeritus</i>	R	.....
41. John W. Birch, Instructor.....	D	7 500
42. John D. Bowman, Instructor.....	D	7 200
43. Jim E. Davis, Instructor.....	D	7 250
44. Guy A. Schick, Instructor.....	D	7 350
45. 11.75 Full Time Equivalent Assistants.....	E	47 400
Nonacademic Salaries.....		20 910
Total, Salaries.....		(433 160)
Expense.....		11 000
Total, Economics.....		\$444 160

W. B. McKinley Professorship in the Economics of Public Utilities

Account Number 44-17-20-152

1. D. Philip Locklin, McKinley Professor of the Eco- nomics of Public Utilities.....	ZA20	\$ 3 000
(Total Salary).....		(15 600)
Total, W. B. McKinley Professorship in the Eco- nomics of Public Utilities.....		\$ 3 000

Finance

Account Number 00-17-22-100

1. P. M. Van Arsdell, Professor and Head of Department	A	\$ 17 100
2. Robert O. Harvey, Professor.....	A	12 300
3. Robert W. Mayer, Professor.....	A	13 300

4. Robert I. Mehr, Professor.....	A	14 650
5. R. M. Nolen, Professor.....	A	11 400
6. Richards C. Osborn, Professor.....	A	11 200
7. Robert A. Hedges, Associate Professor.....	A	9 200
8. James W. Leonard, Associate Professor.....	A	10 100
9. T. Emerson Cammack, Assistant Professor.....	B	8 200
(On leave with pay first semester 1961-62)		
10. Arthur J. Heins, Assistant Professor.....	B	7 900
11. Paul T. Kinney, Assistant Professor.....	B	8 600
12. Bernard J. Kilbride, Instructor.....	D	7 500
13. 2.50 Full Time Equivalent Assistants.....	E	10 200
Nonacademic Salaries		6 600
<i>Total, Salaries</i>		(148 250)
Expense		4 600
<i>Total, Finance</i>		\$152 850

Bailey Memorial Chair in Money, Banking, and Finance

Account Number 44-17-22-106

1. G. Walter Woodworth, Bailey Professor of Money, Banking, and Finance.....	A	\$ 20 000
<i>Total, Bailey Memorial Chair in Money, Banking, and Finance</i>		\$ 20 000

Graduate School of Business Administration

Account Number 00-17-23-100

1. Paul M. Green, Director.....	ZBY}	.....
Professor of Business Administration.....	AY }	
2. _____, Assistant Director.....	B}	\$ 15 000
Professor of Business Administration.....	A}	
3. Louis D. Volpp, Associate Professor.....	A	9 300
4. Mary K. Fahrnkopf, Instructor.....	DY	6 600
5. 2.25 Full Time Equivalent Assistants.....	DY	11 500
Nonacademic Salaries		3 420
<i>Total, Salaries</i>		(45 820)
Wages.....		950
Expense		2 050
Equipment.....		1 000
<i>Total, Wages, Expense, and Equipment</i>		(4 000)
<i>Total, Graduate School of Business Administration..</i>		\$ 49 820

Management

Account Number 00-17-25-100

1. A. G. Anderson, Professor, <i>Emeritus</i>	R	.....
2. Leslie A. Bryan, Professor.....	ZAY	.....
3. Paul M. Dauten, Jr., Professor.....	A	\$ 10 200
4. M. J. Mandeville, Professor.....	A	14 200
5. Stewart Y. McMullen, Professor.....	A	14 800
6. Earl G. Planty, Professor.....	A	14 200
7. Irvin L. Heckmann, Jr., Associate Professor.....	A	9 700
8. Raymond J. Ziegler, Associate Professor.....	A	10 400
9. H. M. Edwards, Assistant Professor, <i>Emeritus</i>	ZR	.....
10. Robert Golembiewski, Assistant Professor.....	B	7 800
11. Joseph Litterer, Assistant Professor.....	B	8 600
12. Seward E. Robb, Assistant Professor.....	D	7 500
13. John D. Senger, Instructor.....	G50	1 500
(Semester I)		
14. Leslie L. D. Shaffer, Instructor.....	D	6 500
15. 3.00 Full Time Equivalent Assistants.....	E	12 550
Nonacademic Salaries		6 900
<i>Total, Salaries</i>		(124 850)
Expense		4 000
<i>Total, Management</i>		\$128 850

Marketing

Account Number 00-17-30-100

1. H. W. Huegy, Professor and Head of Department....	A	\$ 17 100
2. F. H. Beach, Professor.....	A	13 500
3. P. D. Converse, Professor, <i>Emeritus</i>	R	.....
4. Fred M. Jones, Professor.....	A	12 300
5. Robert V. Mitchell, Professor.....	A	11 400
6. F. A. Russell, Professor, <i>Emeritus</i>	R	.....
7. Hugh G. Wales, Professor.....	A	12 300
8. Nugent Wedding, Professor.....	A	11 600
9. Lloyd M. DeBoer, Associate Professor.....	A	8 900
10. Richard M. Hill, Associate Professor.....	A	9 300
11. Richard D. Millican, Associate Professor.....	A	9 900
12. Donald W. Scotton, Associate Professor.....	A	10 200
13. James P. Tushaus, Instructor.....	ZDY30	2 600
(Total Salary)		(9 500)
14. 3.50 Full Time Equivalent Assistants.....	E	14 300
Nonacademic Salaries		8 070
Total, Salaries		(141 470)
Expense		3 300
Total, Marketing		\$144 770

Bureau of Economic and Business Research

Account Number 00-17-35-300

1. V Lewis Bassie, Director.....	ZBY	\$ 16 000
(On leave with one-half pay 1961-62)		
2. Robert Ferber, Research Professor of Economics.....	ZAY	15 000
3. Marvin Frankel, Research Professor.....	AY	12 250
(On leave with pay for six months from February 16, 1962)		
4. Joseph D. Phillips, Jr., Research Professor.....	AY	11 700
5. Ruth A. Birdzell, Research Associate.....	DY	7 350
6. 3.85 Full Time Equivalent Assistants.....	DY	18 950
Nonacademic Salaries		10 500
Total, Salaries		(91 750)
Wages.....		2 000
Expense		17 950
Total, Wages, Expense, and Equipment.....		(19 950)
Total, Bureau of Economic and Business Research...		\$111 700

Bureau of Economic and Business Research Revolving

Account Number 12-17-35-370

Expense		\$ 3 500
Total, Bureau of Economic and Business Research Revolving.....		\$ 3 500

Cooperative Investigations

FORD FOUNDATION — CONSUMER SAVINGS

Account Number 44-17-35-327

1. Stanley W. Steinkamp, Research Assistant Professor of Economics	ZB33	\$ 2 600
(Total Salary)		(7 800)
2. Mathew Hauck, Research Associate.....	DY	7 500
Total, Ford Foundation — Consumer Savings.....		\$ 10 100

U.S. SMALL BUSINESS ADMINISTRATION — RETAILER SURVIVAL

Account Number 46-17-35-378

1. Elizabeth Y. Deran, Research Assistant Professor.....	DY	\$ 8 400
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Bureau of Business Management

Account Number 00-17-40-400

1. Irwin A. Cochran, Director.....	BY}	\$ 13 800
Associate Professor of Business Management.....	AY}	

2. Robert G. Seymour, Professor of Business Management	ZAY	.....
3. Herman S. Hall, Associate Professor, <i>Emeritus</i>	R	.....
4. James R. G. Olson, Assistant Professor of Business Management	BY	9 100
5. Melvin G. Parsons, Jr., Assistant Professor of Business Management	BY	9 200
6. Robert O. Bauer, Instructor in Business Management ..	DY	6 300
7. William D. Boub, Instructor in Business Management ..	DY	6 800
8. Aline L. Hopkins, Instructor in Business Management ..	DY	6 800
9. 0.75 Full Time Equivalent Assistants	DY	4 075
Nonacademic Salaries		8 520
<i>Total, Salaries</i>		(64 595)
Expense		9 200
<i>Total, Bureau of Business Management</i>		\$ 73 795
Business Management Revolving		
Account Number 12-17-40-470		
Nonacademic Salaries		\$ 1 440
Expense		9 000
<i>Total, Business Management Revolving</i>		\$ 10 440

COLLEGE OF EDUCATION

General		Wages, Ex- pense, and Equipment	Total
Instruction	Salaries		
Administration	\$ 85 160	\$ 14 750	\$ 99 910
Agricultural Education	67 050	3 200	70 250
Education	666 905	21 750	688 655
Articulation		2 500	2 500
Journal of Educational Theory		4 000	4 000
Student Teaching		55 330	55 330
Home Economics Education	29 685	3 700	33 385
Industrial Education	32 600	7 600	40 200
University Council on Teacher Education			
Administration	30 950	4 600	35 550
Illinois Curriculum Program		5 000	5 000
Placement and Follow-Up	61 470	20 000	81 470
Teacher Training Counseling	70 165	300	70 465
<i>Total, Instruction</i>	(1 043 985)	(142 730)	(1 186 715)
<i>Organized Activities Relating to Instruction</i>			
University High School	182 080	15 460	197 540
<i>Organized Research</i>			
Bureau of Educational Research—General ..	140 430	13 060	153 490
Institute for Research on Exceptional Children	64 960	2 650	67 610
<i>Total, Organized Research</i>	(205 390)	(15 710)	(221 100)
<i>Extension and Public Services</i>			
Educational Survey	22 700	1 000	23 700
Bureau of Educational Research—Evaluation ..	44 870	3 200	48 070
<i>Total, Extension and Public Services</i>	(67 570)	(4 200)	(71 770)
<i>Total, General</i>	\$1 499 025	\$178 100	\$1 677 125

Restricted

	Salaries	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>			
Industrial Education Revolving		\$ 1 500	\$ 1 500
Teacher Placement and Follow-Up Revolving ..		4 000	4 000
Estimated U.S. Contracts	\$ 36 000	12 000	48 000
<i>Total, Instruction</i>	(36 000)	(17 500)	(53 500)

	Salaries	Wages, Ex- pense, and Equipment	Total
Organized Research			
University High School Mathematics Publi- cations.....		10 000	10 000
Estimated Indirect Costs.....	3 000	2 000	5 000
Estimated Private Gifts.....	249 500	109 500	359 000
Estimated U.S. Contracts.....	185 000	40 000	225 000
<i>Total, Organized Research.....</i>	<i>(437 500)</i>	<i>(161 500)</i>	<i>(599 000)</i>
Extension and Public Services			
Education Testing Revolving.....	6 930	31 070	38 000
<i>Total, Restricted.....</i>	<i>\$480 430</i>	<i>\$210 070</i>	<i>\$690 500</i>

Administration

Account Number 00-20-01-100			
1. Alonzo G. Grace, Dean.....	DY	\$ 22 500	
2. Charles M. Allen, Associate Dean.....	ZBY		
Professor of Education.....	AY		
3. Rupert N. Evans, Associate Dean.....	ZDY	15 450	
4. F. H. Finch, Coordinator of Graduate Study.....	BY}		
Professor of Education.....	AY}	15 500	
5. ———, Assistant Dean and Professor of Educa- tion.....	ZBY50	6 500	
(Total Salary).....		(13 000)	
Nonacademic Salaries.....		25 210	
<i>Total, Salaries.....</i>		<i>(85 160)</i>	
Wages.....		650	
Expense.....		3 000	
Contingent.....		5 000	
Convention Travel.....		5 700	
Nonrecurring Unassigned.....		(2 000)	
Equipment.....		400	
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(14 750)</i>	
<i>Total, Administration.....</i>		<i>\$ 99 910</i>	

Agricultural Education

Account Number 00-20-05-100			
1. H. M. Hamlin, Professor.....	AY	\$ 18 600	
2. Lloyd J. Phipps, Professor.....	AY	14 150	
3. ———, Professor.....	AY	13 800	
4. Alfred H. Krebs, Associate Professor.....	ZAY50	5 350	
(Total Salary).....		(10 700)	
5. Paul E. Hemp, Assistant Professor.....	BY	9 400	
6. 0.50 Full Time Equivalent Assistants.....	E	2 150	
Nonacademic Salaries.....		3 600	
<i>Total, Salaries.....</i>		<i>(67 050)</i>	
Wages.....		400	
Expense.....		2 700	
Equipment.....		100	
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(3 200)</i>	
<i>Total, Agricultural Education.....</i>		<i>\$ 70 250</i>	

Education

Account Number 00-20-10-100			
1. Archibald W. Anderson, Professor.....	A	\$ 10 850	
(On leave with pay second semester 1961-62)			
2. J. Myron Atkin, Professor.....	A	11 000	
(On leave with pay first semester 1961-62)			
3. Fred P. Barnes, Professor.....	A	11 300	
4. Thomas E. Benner, Professor.....	A	13 600	
5. G. M. Blair, Professor.....	A	10 500	
6. Harry S. Broudy, Professor.....	A	12 100	
7. R. Will Burnett, Professor.....	A	11 950	

8. A. W. Clevenger, Professor, <i>Emeritus</i>	R	.....
9. John J. DeBoer, Professor.....	A	10 900
10. E. W. Dolch, Professor, <i>Emeritus</i>	R	.....
11. Gilbert C. Finlay, Professor.....	A	11 150
12. Lawrence A. Fisher, Professor.....	BY	.....
(See Chicago)		
13. James J. Gallagher, Professor.....	ZA25	2 685
(Total Salary)		(10 800)
14. Coleman R. Griffith, Professor, <i>Emeritus</i>	R	.....
15. Norman E. Gronlund, Professor.....	A	10 000
(On leave with pay second semester 1961-62)		
16. Harold C. Hand, Professor.....	A	15 150
17. Kenneth B. Henderson, Professor.....	A	11 950
18. R. Stewart Jones, Professor.....	A	11 200
19. Walter V. Kaulfers, Professor.....	A	10 000
20. G. C. Kettelkamp, Professor.....	AY	12 400
21. Samuel A. Kirk, Professor.....	ZAY25	4 650
(Total Salary)		(18 550)
22. Clyde G. Knapp, Professor.....	A	10 000
23. John E. McGill, Professor.....	A	10 000
24. Lawrence E. Metcalf, Professor.....	A	10 050
25. Perry E. Miller, Professor.....	A	14 000
26. Walter J. Moore, Professor.....	A	10 000
27. T. Ernest Newland, Professor.....	A	10 000
28. C. W. Odell, Professor, <i>Emeritus</i>	R	.....
29. Merle M. Ohlsen, Professor.....	A	12 200
30. Cecil H. Patterson, Professor.....	ZDY50	6 900
(Total Salary)		(13 800)
31. Robert E. Pingry, Professor.....	ZA55	5 975
(Total Salary)		(10 900)
32. Fred C. Proff, Professor.....	A	10 100
33. C. W. Sanford, Professor.....	ZAY	.....
34. Harold A. Schultz, Professor of Art Education.....	ZA33	4 150
(Total Salary)		(12 400)
35. J. H. Shores, Professor.....	A	11 450
36. Ray H. Simpson, Professor.....	A	11 600
37. Daniel W. Snader, Professor.....	ZA50	4 200
(Total Salary)		(8 400)
(On leave without pay first semester 1961-62)		
38. W. O. Stanley, Professor.....	A	11 550
39. Celia B. Stendler, Professor.....	A	11 100
(On leave with one-half pay 1961-62)		
40. Joe R. Burnett, Associate Professor.....	A	8 250
41. Kenneth Burns, Associate Professor.....	ZA40	3 280
(Total Salary)		(8 200)
42. Floyd L. Crank, Associate Professor.....	ZA45	3 675
(Total Salary)		(8 200)
43. Dora E. Damrin, Associate Professor.....	ZAY20	2 070
(Total Salary)		(10 300)
44. L. B. Fisher, Associate Professor.....	ZAY50	6 325
(Total Salary)		(12 650)
45. Herbert Goldstein, Associate Professor.....	ZA50	4 575
(Total Salary)		(9 150)
46. W. E. Harnish, Associate Professor, <i>Emeritus</i>	R	.....
47. Ann E. Jewett, Associate Professor.....	ZA75	6 525
(Total Salary)		(8 700)
48. Charles E. Johnson, Associate Professor.....	A	9 200
49. Colleen J. Kirk, Associate Professor.....	ZA50	4 295
(Total Salary)		(8 600)
50. Kenneth M. Lansing, Associate Professor.....	ZA50	4 300
(Total Salary)		(8 600)
51. Theodore Manolakes, Associate Professor.....	AY}	10 300
Head of Student Teaching.....	BY}	
52. Lloyd E. McCleary, Associate Professor.....	A	9 600

53. Liesette J. McHarry, Associate Professor, <i>Emerita</i> ...	R	.....
54. Charles J. McIntyre, Associate Professor.....	ZAY	.....
55. Foster McMurray, Associate Professor.....	A	8 200
56. G. W. Reagan, Associate Professor, <i>Emeritus</i>	R	.....
57. J. Richard Suchman, Associate Professor.....	A	9 000
58. Maurice Tatsuoka, Associate Professor.....	B	9 000
59. Alfred L. Brophy, Jr., Assistant Professor.....	D	7 200
60. Thomas E. Culliton, Jr., Assistant Professor.....	D	7 800
61. William H. Evans, Assistant Professor.....	B	7 800
62. Orrin E. Gould, Assistant Professor.....	B	7 850
63. Mabel R. Hagan, Assistant Professor, <i>Emerita</i>	ZR	.....
64. Frances L. Johnson, Assistant Professor.....	ZB50	3 250
(Total Salary)		(6 500)
65. Nell C. B. Johnston, Assistant Professor, <i>Emerita</i>	R	.....
66. John R. Palmer, Assistant Professor.....	D	8 000
67. William D. Phillips, Assistant Professor.....	ZD43	3 350
(Total Salary)		(7 800)
68. Robert L. Spaulding, Assistant Professor.....	D	8 000
69. Raymond E. Williams, Assistant Professor.....	ZB50	3 825
(Total Salary)		(7 650)
70. ———, Assistant Professor.....	B	7 200
71. ———, Assistant Professor.....	D	7 500
72. ———, Assistant Professor.....	B	7 500
73. ———, Assistant Professor.....	B	7 500
74. Harry F. Breen, Jr., Instructor.....	ZD50	3 250
(Total Salary)		(6 500)
75. Edward T. O'Meara, Research Assistant.....	ZDY50	2 650
(Total Salary)		(5 300)
76. 10.12 Full Time Equivalent Assistants.....	E	45 695
77. 8.25 Student Teaching Assistants.....	E	41 525
78. 0.50 Full Time Equivalent Assistants.....	DY	2 640
Nonacademic Salaries		51 115
Total, Salaries		(666 905)
Wages.....		6 350
Wages, Student Teaching.....		35 080
Expense, General		14 800
Expense, Student Teaching.....		20 250
Expense, Education Articulation.....		2 500
Expense, Journal of Educational Theory.....		4 000
Equipment		600
Total, Wages, Expense, and Equipment.....		(83 580)
Total, Education		\$750 485

Graduate National Defense Education Act Program — Education

Account Number 41-20-10-157

1. Max Beberman, Professor of Education, University High School	ZA15	\$ 1 990
(Total Salary)		(13 850)
2. David A. Page, Associate Professor of Education....	ZAY72	9 260
(Total Salary)		(12 950)
3. Carl Bereiter, Assistant Professor of Education.....	D	8 000
4. Laura J. Jordan, Instructor in Education.....	DY	8 900
5. William T. Hale, Assistant in Education, University High School	ZE18	1 350
(Total Salary)		(7 700)
Total, Graduate National Defense Education Act Program — Education		\$ 29 500

Cooperative Investigations

U.S. OFFICE OF VOCATIONAL REHABILITATION G-5

Account Number 46-20-10-116

1. Cecil H. Patterson, Professor of Education.....	ZDY50	\$ 6 900
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U.S. OFFICE OF EDUCATION SAE 9299

Account Number 46-20-10-160

1. George M. Gazda, Research Assistant Professor of Education.....	D	\$ 8 500
2. Warren C. Bonney, Visiting Lecturer in Education....	E	9 500
<i>Total, U.S. Office of Education SAE 9299.....</i>		<i>\$ 18 000</i>

Home Economics Education

Account Number 00-20-15-100

1. Letitia E. Walsh, Professor.....	A	\$ 10 600
2. Mary E. Mather, Associate Professor.....	ZA80	6 560
(Total Salary)		(8 200)
3. Elizabeth J. Simpson, Associate Professor.....	A	8 850
4. 0.75 Full Time Equivalent Assistants.....	E	3 675
<i>Total, Salaries</i>		<i>(29 685)</i>
Wages.....		2 300
Expense.....		1 300
Equipment.....		100
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(3 700)</i>
<i>Total, Home Economics Education.....</i>		<i>\$ 33 385</i>

Industrial Education

Account Number 00-20-20-100

1. Rupert N. Evans, Professor.....	ZAY	.....
2. A. B. Mays, Professor, <i>Emeritus</i>	R	.....
3. Donald G. Lux, Associate Professor.....	ZD80	\$ 8 350
(Total Salary)		(9 900)
4. Robert A. Tinkham, Associate Professor.....	A	8 300
5. _____, Associate Professor.....	A	7 950
6. Henry R. Ziel, Assistant Professor.....	B	8 000
<i>Total, Salaries</i>		<i>(32 600)</i>
Wages.....		1 900
Expense.....		5 500
Equipment.....		200
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(7 600)</i>
<i>Total, Industrial Education.....</i>		<i>\$ 40 200</i>

Industrial Education Revolving

Account Number 12-20-20-100

Expense.....	\$ 1 500
<i>Total, Industrial Education Revolving.....</i>	<i>\$ 1 500</i>

University Council on Teacher Education

Administration

Account Number 00-20-25-100

1. Charles M. Allen, Coordinator.....	ZBY	\$ 17 000
Nonacademic Salaries		13 950
<i>Total, Salaries</i>		<i>(30 950)</i>
Wages.....		1 500
Expense.....		2 450
Expense, Illinois Curriculum Program.....		5 000
Equipment.....		650
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(9 600)</i>
<i>Total, Administration</i>		<i>\$ 40 550</i>

Placement and Follow-Up

Account Number 00-20-30-100

1. J. Marlowe Slater, Head of Teacher Placement.....	BY}	\$ 13 100
Associate Professor of Education.....	AY}	
2. M. Dale Baughman, Associate Professor of Education	AY	10 100
3. Bennett Reimer, Instructor in Education.....	ZD50	3 500
(Total Salary)		(7 000)

4. 1.50 Full Time Equivalent Assistants.....	DY	7 920
Nonacademic Salaries		26 850
<i>Total, Salaries</i>		(61 470)
Wages.....		1 800
Expense		17 700
Equipment.....		500
<i>Total, Wages, Expense, and Equipment</i>		(20 000)
<i>Total, Placement and Follow-Up</i>		\$ 81 470

TEACHER PLACEMENT AND FOLLOW-UP REVOLVING

Account Number 12-20-30-170

Expense		\$ 4 000
<i>Total, Teacher Placement and Follow-Up Revolving</i> ..		\$ 4 000

Teacher Training Counseling

Account Number 00-20-35-100

1. _____, Head of Counseling Service.....	BY50	\$ 6 500
2. Julius N. Hook, Counselor.....	ZD45	5 700
(Total Salary)		(12 600)
3. J. F. Jackson, Counselor.....	ZD10	1 230
(Total Salary)		(12 300)
4. John J. O'Neill, Counselor.....	ZD20	2 300
(Total Salary)		(14 000)
5. Harold A. Schultz, Counselor.....	ZD17	2 050
(Total Salary)		(12 400)
6. Wilson N. Stewart, Counselor.....	ZD19	2 530
(Total Salary)		(13 300)
7. Velma K. Wilson, Counselor.....	ZD33	3 405
(Total Salary)		(10 250)
8. Joseph S. Flores, Counselor.....	ZA17	1 690
(Total Salary)		(9 900)
9. Colleen J. Kirk, Counselor.....	ZD17	1 430
(Total Salary)		(8 600)
10. Alfred H. Krebs, Counselor.....	ZDY50	5 350
(Total Salary)		(10 700)
11. Donald G. Lux, Counselor.....	ZD20	1 550
(Total Salary)		(9 900)
12. Mary E. Mather, Counselor.....	ZD20	1 640
(Total Salary)		(8 200)
13. J. William Peters, Counselor.....	ZD20	2 010
(Total Salary)		(10 050)
14. Kenneth Burns, Counselor.....	ZD15	1 230
(Total Salary)		(8 200)
15. Beulah J. Drom, Counselor.....	ZD10	735
(Total Salary)		(7 350)
16. Enid Schnauber, Counselor.....	ZD20	1 460
(Total Salary)		(7 300)
17. Mary Lucille Shay, Counselor.....	ZD50	4 150
(Total Salary)		(8 300)
18. James R. Squire, Counselor.....	ZB16	1 370
(Total Salary)	50	(4 100)
19. Raymond E. Williams, Counselor.....	ZD17	1 285
(Total Salary)		(7 650)
20. _____, Counselor	D50	4 500
21. Edward H. Heath, Counselor.....	ZD50	3 150
(Total Salary)		(6 300)
22. Marilyn R. Pflederer, Counselor.....	ZD17	1 120
(Total Salary)		(6 600)
23. Marjorie A. Souder, Counselor.....	ZD20	1 200
(Total Salary)		(6 000)
24. 1.00 Full Time Equivalent Assistants.....	E	4 300
25. 1.50 Full Time Equivalent Assistants.....	DY	8 280
<i>Total, Salaries</i>		(70 165)

Wages.....	100
Expense	200
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(300)</i>
<i>Total, Teacher Training Counseling.....</i>	<i>\$ 70 465</i>

University High School

Account Number 00-20-45-200		
1. David M. Jackson, Principal.....	BY}	\$ 13 750
Associate Professor of Education.....	AY}	
2. Max Beberman, Professor of Education.....	ZA85	11 860
(Total Salary)		(13 850)
3. Ella Leppert, Professor of Education.....	A	10 000
4. Pauline E. Changnon, Associate Professor of Education.....	A	8 200
5. David A. Page, Associate Professor of Education.....	ZAY16	2 020
(Total Salary)		(12 950)
6. W. L. Shoemaker, Associate Professor of Education..	A	8 200
7. Paul Westmeyer, Assistant Professor of Education....	D	8 350
8. _____, Assistant Professor of Education.....	B	7 500
9. Roger K. Brown, Instructor in Education.....	D	8 600
10. Daniel A. Lindley, Jr., Instructor in Education.....	D	6 300
11. Frances D. Wilson, Instructor in Education, <i>Emerita</i> ...	R	.....
12. _____, Instructor in Education.....	D	6 400
13. Robert G. Carlier, Assistant in Education.....	E	5 900
14. George J. Drew, Assistant in Education.....	E	5 500
15. Mary E. Griffith, Assistant in Education.....	E	5 300
16. William T. Hale, Assistant in Education.....	ZE82	6 350
(Total Salary)		(7 700)
17. Beecham R. Robinson, Assistant in Education.....	E	5 600
18. _____, Assistant in Education.....	E	5 300
19. _____, Assistant in Education.....	E	5 500
20. _____, Assistant in Education.....	E	5 500
21. _____, Assistant in Education.....	E	5 000
22. _____, Assistant in Education.....	E	5 400
23. 4.00 Full Time Equivalent Assistants.....	E	21 540
Nonacademic Salaries		14 010
<i>Total, Salaries</i>		<i>(182 080)</i>
Wages.....		1 560
Expense		11 400
Equipment		2 500
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(15 460)</i>
<i>Total, University High School.....</i>		<i>\$197 540</i>

University High School Mathematics Publications Revolving

Account Number 12-20-45-386	
Expense	\$ 10 000
<i>Total, University High School Mathematics Publications Revolving</i>	<i>\$ 10 000</i>

Cooperative Investigations

CARNEGIE INSTITUTE—COOPERATIVE PROGRAMS IN ARITHMETIC

Account Number 44-20-45-310		
1. David A. Page, Associate Professor of Education.....	ZAY12	\$ 1 670
2. Harlan G. H. Bartram, Research Assistant Professor of Education	D	8 350
3. Nina M. Steefel, Research Associate in Education.....	D	5 350
<i>Total, Carnegie Institute—Cooperative Programs in Arithmetic</i>		<i>\$ 15 370</i>

CARNEGIE INSTITUTE—COOPERATIVE PROGRAMS IN MATHEMATICS

Account Number 44-20-45-312		
1. Gertrude Hendrix, Research Assistant Professor of Education.....	B	\$ 11 000

U.S. OFFICE OF EDUCATION

Account Number 46-20-45-363

1. M. Eleanor McCoy, Research Assistant Professor of Education.....	D	\$ 10 000
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Bureau of Educational Research

General

Account Number 00-20-50-300

1. William P. McLure, Director.....	BY}	\$ 14 950
Professor of Education.....	AY}	
2. David P. Ausubel, Professor of Education.....	AY	14 100
3. Lee J. Cronbach, Professor of Education.....	ZAY	20 350
4. Nathaniel L. Gage, Professor of Education.....	ZAY	16 000
5. M. Ray Karnes, Professor of Education.....	AY	16 400
6. W. S. Monroe, Distinguished Professor of Education, Emeritus.....	R	.....
7. B. Othanel Smith, Professor of Education.....	A	14 850
8. Henry F. Kaiser, Associate Professor of Education....	ZAY	11 800
(On leave without pay through July 31, 1962)		
9. 3.00 Full Time Equivalent Assistants.....	DY	15 840
Nonacademic Salaries		16 140
Total, Salaries		(140 430)
Wages.....		4 700
Expense		8 260
Equipment		100
Total, Wages, Expense, and Equipment.....		(13 060)
Total, Bureau of Educational Research, General.....		\$153 490

Cooperative Investigations

U.S. OFFICE OF EDUCATION SAE 7257

Account Number 46-20-50-316

1. Milton O. Menx, Research Assistant Professor of Education.....	DY	\$ 8 000
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U.S. OFFICE OF NAVAL RESEARCH 1834-33

Account Number 46-20-50-363

1. Hiroshi Azuma, Research Associate in Education.....	G	\$ 3 750
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(Six months from September 1, 1961)

U.S. PUBLIC HEALTH SERVICE M1839

Account Number 46-20-50-367

1. Goldine C. Gleser, Research Associate Professor of Education.....	DY25	\$ 3 000
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Evaluation

Account Number 00-20-60-400

1. J. Thomas Hastings, University Examiner, Technical Director of Evaluation Unit, and Professor of Education	AY	\$ 15 500
(On leave with pay for six months from August 1, 1961)		
2. Philip J. Runkel, Associate Professor.....	AY	11 800
3. 1.00 Full Time Equivalent Assistants.....	DY	5 280
Nonacademic Salaries		12 290
Total, Salaries		(44 870)
Wages.....		700
Expense		2 400
Equipment		100
Total, Wages, Expense, and Equipment.....		(3 200)
Total, Evaluation		\$ 48 070

EDUCATIONAL TESTING REVOLVING

Account Number 12-20-60-482

Nonacademic Salaries	\$ 6 930
Wages.....	10 070

Expense	21 000
<i>Total, Wages, Expense, and Equipment</i>	(31 070)
<i>Total, Educational Testing Revolving</i>	\$ 38 000

Educational Surveys

Account Number 00-20-55-400		
1. M. R. Sumption, Director.....	BY}	
Professor of Education.....	AY}	\$ 13 400
2. Basil Castaldi, Associate Professor of Education.....	A	9 300
<i>Total, Salaries</i>		(22 700)
Expense		1 000
<i>Total, Educational Surveys</i>		\$ 23 700

Institute for Research on Exceptional Children

Account Number 00-20-70-300		
1. Samuel A. Kirk, Director.....	ZBY75	\$ 13 900
(Total Salary)		(18 550)
2. James J. Gallagher, Professor.....	ZA75	8 115
(Total Salary)		(10 800)
3. Lawrence M. Stolurow, Professor.....	ZA50	5 300
(Total Salary)		(10 600)
4. Bernard Farber, Associate Professor.....	ZAY60	6 600
(Total Salary)		(11 000)
5. Herbert Goldstein, Associate Professor.....	ZA50	4 575
(Total Salary)		(9 150)
6. ———, Associate Professor of Education.....	A	8 500
7. William D. Phillips, Assistant Professor.....	ZD57	4 450
(Total Salary)		(7 800)
8. 2.00 Full Time Equivalent Research Assistants.....	DY	8 600
Nonacademic Salaries		4 920
<i>Total, Salaries</i>		(64 960)
Wages.....		600
Expense		2 050
<i>Total, Wages, Expense, and Equipment</i>		(2 650)
<i>Total, Institute for Research on Exceptional Children</i>		\$ 67 610

Cooperative Investigations

U.S. OFFICE OF EDUCATION SAE 8204

Account Number 46-20-70-316

1. James W. Moss, Research Associate.....	DY	\$ 9 450
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COLLEGE OF ENGINEERING

	General	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Administration.....	\$125 990	\$28 500	\$154 490
Contingent.....		15 000	15 000
Lectures.....		2 400	2 400
Aeronautical Engineering.....	192 128	23 900	216 028
Ceramic Engineering.....	102 277	19 300	121 577
Civil Engineering.....	449 095	25 225	474 320
Electrical Engineering.....	752 647	59 435	812 082
General Engineering.....	267 770	19 300	287 070
Mechanical and Industrial Engineering.....	611 142	46 200	657 342
Mining, Metallurgy, and Petroleum Engineering.....	193 584	15 800	209 384
Nuclear Engineering.....	28 770	12 350	41 120
Physics.....	735 159	41 000	776 159
Theoretical and Applied Mechanics.....	360 574	19 100	379 674
<i>Total, Instruction</i>	(3 819 136)	(327 510)	(4 146 646)
<i>Organized Research</i>			
Administration.....	78 685	15 400	94 085
Publications.....		10 500	10 500

	Salaries	Wages, Expense, and Equipment	Total
Aeronautical Engineering.....	12 300	.....	12 300
Ceramic Engineering.....	12 600	1 750	14 350
Chemical Engineering.....	33 020	4 750	37 770
Civil Engineering.....	183 292	18 800	202 092
Electrical Engineering.....	52 029	.....	52 029
Ultrasound in Biology.....	38 170	5 000	43 170
Measurement Program.....	66 180	11 400	77 580
Mechanical and Industrial Engineering.....	61 792	6 600	68 392
Mining, Metallurgy, and Petroleum Engineering.....	63 977	13 500	77 477
Physics.....	.....	17 100	17 100
Physics Betatron.....	140 486	31 700	172 186
Theoretical and Applied Mechanics.....	99 560	12 200	111 760
<i>Total, Organized Research.....</i>	<i>(842 091)</i>	<i>(148 700)</i>	<i>(990 791)</i>
<i>Total, General.....</i>	<i>\$4 661 227</i>	<i>\$476 210</i>	<i>\$5 137 437</i>

Restricted

	Salaries	Wages, Expense, and Equipment	Total
<i>Instruction</i>			
Engineering Student Placement Revolving.. \$	\$ 4 000	\$ 4 000	\$ 4 000
Ceramic Glass Conference Revolving.....	2 000	2 000	2 000
Estimated Private Gifts.....	50 000	50 000	50 000
Estimated U.S. Contracts.....	5 000	35 000	40 000
<i>Total, Instruction.....</i>	<i>(5 000)</i>	<i>(91 000)</i>	<i>(96 000)</i>
<i>Organized Research</i>			
Engineering Experiment Station Testing Revolving.....	.....	1 200	1 200
Engineering Publications Revolving.....	.....	1 000	1 000
Civil Engineering Earth Testing Revolving.....	.....	1 300	1 300
Civil Engineering Testing Revolving.....	2 100	12 000	14 100
Electrical Engineering Network Analyzer Revolving.....	.....	100	100
Theoretical and Applied Mechanics Testing Revolving.....	.....	14 000	14 000
Estimated Indirect Costs.....	60 000	280 000	340 000
Estimated Private Gifts.....	290 000	100 000	390 000
Estimated U.S. Contracts.....	3 200 000	2 100 000	5 300 000
<i>Total, Organized Research.....</i>	<i>(3 552 100)</i>	<i>(2 509 600)</i>	<i>(6 061 700)</i>
<i>Auxiliary Enterprises</i>			
Camp Rabideau Operations.....	.....	10 000	10 000
<i>Total, Restricted.....</i>	<i>\$3 557 100</i>	<i>\$2 610 600</i>	<i>\$6 167 700</i>

Administration

Account Number 00-22-01-100; College 00-22-01-100; Station 00-22-01-300			
1. W. L. Everitt, Dean.....	C-ZBY	\$24 500	
2. H. H. Jordan, Associate Dean and Professor of General Engineering, <i>Emeritus</i>	C-R	.....
3. Ross J. Martin, Director of Engineering Experiment Station.....	S-ZBY	19 700	
4. Stanley H. Pierce, Associate Dean.....	C-ZBY	19 700	
5. Howard L. Wakeland, Assistant Dean.....	C-ZBY	10 800	
6. David R. Opperman, Assistant Dean.....	C-ZBY	10 000	
7. Elmer F. Heater, Research Associate Professor, <i>Emeritus</i>	S-R	.....
8. Paul T. Bryant, Editor with rank of Instructor.....	S-ZDY75	7 875	
(Total Salary).....		(10 500)	
9. Ross A. Kingery, Assistant Editor.....	C-DY	7 200	
10. 6.00 Full Time Equivalent Research Assistants.....	S-E	26 000	
11. 0.50 Editorial Assistants.....	S-E	2 100	
Nonacademic Salaries.....	C	53 790	
Nonacademic Salaries.....	S	23 010	
<i>Total, Salaries.....</i>	<i>C</i>	<i>(204 675)</i>	

Wages.....	C	3 000
Wages.....	S	6 100
Expense.....	C	10 000
Expense.....	S	7 500
Publications.....	S	10 500
Lectures.....	C	2 400
Contingent.....	C	15 000
Convention Travel.....	C	12 500
Nonrecurring Unassigned.....	C	(5 000)
Equipment.....	C	3 000
Equipment.....	S	1 800
<i>Total, Wages, Expense, and Equipment.....</i>	C	(71 800)
<i>Total, Administration.....</i>		\$276 475

Engineering Student Placement Revolving

Account Number 12-22-01-177

Expense.....	C	\$ 4 000
<i>Total, Engineering Student Placement Revolving.....</i>		\$ 4 000

Engineering Experiment Station Testing Revolving

Account Number 12-22-01-322

Expense.....	S	\$ 1 200
<i>Total, Engineering Experiment Station Testing Revolving.....</i>		\$ 1 200

Engineering Publications Revolving

Account Number 12-22-01-368

Expense.....	S	\$ 1 000
<i>Total, Engineering Publications Revolving.....</i>		\$ 1 000

American Society for Engineering Education Secretary

Account Number 44-22-01-402

1. W. Leighton Collins, Professor of Theoretical and Applied Mechanics assigned to American Society for Engineering Education.....	E-ZA75	\$ 9 750
(Total Salary).....		(13 000)
2. Jimmy W. Seyler, Assistant Professor of Civil Engineering assigned to American Society for Engineering Education (Total Salary).....	ZBY50	5 150
		(10 300)
3. Paul T. Bryant, Editor with rank of Instructor.....	E-ZDY25	2 625
<i>Total, American Society for Engineering Education Secretary.....</i>		\$17 525

Aeronautical and Astronautical Engineering

Account Number 00-22-05-100; College 00-22-05-100; Station 00-22-05-300

1. H. S. Stillwell, Professor of Aeronautical Engineering and Head of Department.....	C-A	\$18 700
2. Bruce L. Hicks, Professor of Aeronautical Engineering..	C-ZAY55	8 650
(Total Salary).....		(15 700)
3. Harry H. Hilton, Professor of Aeronautical Engineering..	C-A	13 300
4. Robert W. McCloy, Professor of Aeronautical Engineering	C-A	13 500
5. Allen I. Ormsbee, Professor of Aeronautical Engineering..	C-A	12 500
6. Roger A. Strehlow, Professor of Aeronautical Engineering	C-A	12 000
7. ———, Professor of Aeronautical Engineering.....	A	10 300
8. Harold O. Barthel, Associate Professor of Aeronautical Engineering.....	S-A	10 100
9. Shee Mang Yen, Associate Professor of Aeronautical Engineering.....	C-A	10 300
10. ———, Associate Professor of Aeronautical Engineering.....	A	9 000
11. Yukweng M. Lin, Assistant Professor of Aeronautical Engineering.....	C-B	9 500
12. ———, Assistant Professor of Aeronautical Engineering.....	C-D	8 500

13. Allister F. Fraser, Instructor in Aeronautical Engineering	C-D50	3 000
14. ———, Instructor in Aeronautical Engineering	C-D50	3 400
15. 2.75 Full Time Equivalent Assistants	C-E	11 970
16. 0.50 Full Time Equivalent Research Assistants	S-E	2 200
Nonacademic Salaries	C	47 508
<i>Total, Salaries</i>	C	(204 428)
Wages	C	3 000
Expense	C	13 400
Equipment	C	7 500
<i>Total, Wages, Expense, and Equipment</i>	C	(23 900)
<i>Total, Aeronautical and Astronautical Engineering</i>		\$228 328

Ceramic Engineering

Account Number 00-22-10-100; College 00-22-10-100; Station 00-22-10-300

1. A. I. Andrews, Professor and Head of Department	C-A	\$ 17 300
2. Alfred W. Allen, Professor	C-A	12 000
3. R. L. Cook, Professor	C-A	13 500
4. A. L. Friedberg, Professor	S-A	12 600
5. F. V. Tootley, Professor of Glass Technology	C-A	9 350
6. Robert J. Beals, Associate Professor	C-A	9 300
7. James A. Nelson, Associate Professor	C-A	10 200
8. ———, Associate Professor	C-D50	4 500
9. 1.00 Full Time Equivalent Assistants	C-E	4 200
Nonacademic Salaries	C	21 927
<i>Total, Salaries</i>	C	(114 877)
Wages	C	900
Wages	S	150
Expense	C	16 400
Expense	S	1 100
Equipment	C	2 000
Equipment	S	500
<i>Total, Wages, Expense, and Equipment</i>	C	(21 050)
<i>Total, Ceramic Engineering</i>		\$135 927

Ceramic Glass Conference Revolving

Account Number 12-22-10-132

Expense	C	\$ 2 000
<i>Total, Ceramic Glass Conference Revolving</i>		\$ 2 000

Cooperative Investigations

BENDIX AVIATION — CERAMETALLIC

Account Number 44-22-10-306

1. Roy E. Bickelhaupt, Research Associate	S-DY	\$ 9 000
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GRIFFIN WHEEL COMPANY — STEEL CASTING REFRACTORIES

Account Number 44-22-10-332

1. Tracy A. Willmore, Research Associate Professor	S-AY	\$ 9 450
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U.S. AIR FORCE 7978

Account Number 46-22-10-306

1. Dwight G. Bennett, Research Professor	S-ZDY50	\$ 7 100
(Total Salary)		(14 200)
2. James F. Benzel, Research Associate	ZDY25	1 550
(Total Salary)	ZDY75	(4 650)
3. Doris M. Krumwiede, Research Associate	ZDY50	3 000
(Total Salary)	ZDY	(6 000)
<i>Total, U.S. Air Force 7978</i>		\$11 650

U.S. AIR FORCE 6192

Account Number 46-22-10-310

1. Hubert R. Thornton, Research Associate	S-DY50	\$ 3 700
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U.S. AIR FORCE 6283

Account Number 46-22-10-311

1. Dwight G. Bennett, Research Professor	S-ZDY50	\$ 7 100
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2. James F. Benzel, Research Associate.....	ZDY50	3 100
3. Doris M. Krumwiede, Research Associate.....	ZDY50	3 000
<i>Total, U.S. Air Force 6283.....</i>		<u>\$13 200</u>
U.S. ATOMIC ENERGY COMMISSION 915		
Account Number 46-22-10-315		
1. Clifton G. Bergeron, Research Assistant Professor.....	S-DY	\$10 500
U.S. ARMY ORDNANCE 3467		
Account Number 46-22-10-317		
1. Richard J. Herbst, Research Associate.....	S-DY	\$ 7 800
U.S. NATIONAL SCIENCE FOUNDATION G14468		
Account Number 46-22-10-356		
1. Victor J. Tennery, Research Assistant Professor.....	S-DY	\$10 500

Chemical Engineering

Account Number 00-22-15-300		
1. Max S. Peters, Professor.....	S-ZA43	\$ 7 740
(Total Salary).....		(18 000)
2. Harry G. Drickamer, Professor.....	S-ZA	.....
3. H. F. Johnstone, Research Professor.....	S-ZA50	7 000
(Total Salary).....		(14 000)
4. Frederick G. Straub, Research Professor, <i>Emeritus</i>	S-R	.....
5. Sherlock Swann, Jr., Research Professor.....	S-AY	11 800
6. James W. Westwater, Professor.....	S-ZA	.....
7. Thomas J. Hanratty, Associate Professor.....	S-ZA	.....
8. Daniel D. Perlmutter, Assistant Professor.....	S-ZB	.....
9. John A. Quinn, Assistant Professor.....	S-ZB	.....
Nonacademic Salaries.....	S	6 480
<i>Total, Salaries.....</i>		<u>(33 020)</u>
Wages.....	S	1 050
Expense.....	S	2 000
Equipment.....	S	1 700
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(4 750)</u>
<i>Total, Chemical Engineering.....</i>		<u>\$37 770</u>

Cooperative Investigations**U.S. ATOMIC ENERGY COMMISSION PROJECT 5**

Account Number 46-22-15-308		
1. Shigeru Minomura, Research Associate.....	S-DY	\$ 7 000

Civil Engineering

Account Number 00-22-20-100; College 00-22-20-100; Station 00-22-20-300		
1. N. M. Newmark, Professor and Head of Department...	C-A	\$22 000
2. J. W. Briscoe, Professor and Associate Head of Department.....	C-A	12 600
3. William C. Ackermann, Professor.....	C-D	.....
4. H. E. Babbitt, Professor, <i>Emeritus</i>	C-R	.....
5. John E. Baerwald, Professor of Traffic Engineering.....	C-ZA80	8 000
(Total Salary).....		(10 000)
6. E. E. Baner, Professor.....	C-A	9 600
7. Ven Te Chow, Professor of Hydraulic Engineering.....	{C-A40 S-A60	4 600 6 900
(Total Salary).....		(11 500)
8. Ellis Danner, Professor of Highway Engineering.....	C-A	14 000
9. Don U. Deere, Professor.....	C-ZA67	8 275
(Total Salary).....		(12 400)
10. G. H. Dell, Professor.....	C-A	10 000
11. Richard Engelbrecht, Professor of Sanitary Engineering..	S-A	11 500
12. Ben B. Ewing, Associate Professor of Sanitary Engineering.....	C-A	10 000
13. Edwin H. Gaylord, Jr., Professor.....	C-A	14 000
14. William J. Hall, Professor.....	C-A	12 500
15. John D. Haktiwanger, Professor.....	C-A	11 200
16. William W. Hay, Professor of Railway Civil Engineering	C-A	10 500

17. W. C. Huntington, Professor, <i>Emeritus</i>	C-R	.....
18. Herbert O. Ireland, Professor.....	(C-A50	5 500
(Total Salary).....	(S-A50	5 500
19. Narbey Khachatourian, Professor.....	C-A	(11 000)
20. E. E. King, Professor, <i>Emeritus</i>	C-R	10 500
21. Murray B. McPherson, Professor of Hydraulic Engineering.....	C-A	10 800
22. William H. Munse, Professor.....	(C-A32	4 450
(Total Salary).....	(S-A68	9 400
23. William A. Oliver, Professor.....	C-A	(13 850)
24. Ralph B. Peck, Professor of Foundation Engineering.....	(S-A50	11 800
(Total Salary).....	(C-A50	8 750
25. W. H. Rayner, Professor, <i>Emeritus</i>	C-R	8 750
26. Milton O. Schmidt, Professor.....	C-A	(17 500)
27. Chester P. Siess, Professor.....	(C-A50	6 925
(Total Salary).....	(S-A50	6 925
28. George K. Sinnamon, Professor.....	S-ZA50	(13 850)
(Total Salary).....	(S-A50	5 000
29. James E. Stallmeyer, Professor.....	(C-A50	5 500
(Total Salary).....	(S-A50	(11 000)
30. T. H. Thornburn, Professor.....	(C-A50	5 800
(Total Salary).....	(S-A50	5 800
31. Anestis S. Veletsos, Professor.....	S-A	(11 600)
32. C. C. Wiley, Professor, <i>Emeritus</i>	C-R	12 000
33. Winfield H. Eldridge, Associate Professor.....	C-A	.....
34. John C. Guillou, Associate Professor of Hydraulic Engineering.....	(C-A50	8 200
(Total Salary).....	(S-A50	4 750
35. Moreland Herrin, Associate Professor.....	C-A	4 750
36. George W. Hollon, Associate Professor.....	(S-A50	(9 500)
(Total Salary).....	(C-A50	9 500
37. Eugene Y. Huang, Associate Professor.....	C-ZA25	2 050
(Total Salary).....	C-A	(8 200)
38. Houssam M. Karara, Associate Professor.....	C-A	8 200
39. Vincent J. McDonald, Associate Professor.....	(C-A75	6 750
(Total Salary).....	(S-A25	2 250
40. J. L. Merritt, Associate Professor.....	S-ZA50	(9 000)
(Total Salary).....	C-A	4 450
41. Robert J. Mosborg, Associate Professor.....	C-A	(8 900)
(On leave without pay 1961-62)		8 800
42. Arthur R. Robinson, Associate Professor.....	(C-A50	4 850
(Total Salary).....	(S-A50	4 850
43. Mete Avin Sozen, Associate Professor.....	C-ZA50	(9 700)
(Total Salary).....	C-A	4 750
44. Alfredo Ang, Assistant Professor.....	(C-ZB25	(9 500)
(Total Salary).....	(S-ZB50	2 025
45. Eugene Chesson, Jr., Assistant Professor.....	S-ZB50	4 050
(Total Salary).....		(8 100)
46. Melvin T. Davison, Assistant Professor.....	C-B	4 100
47. Robert E. Fulton, Assistant Professor.....	C-ZB50	(8 200)
(Total Salary).....		7 400
48. Tseng Huang, Assistant Professor.....	B-50	3 600
(Total Salary).....		(7 200)
49. John W. Hutchinson, Assistant Professor.....	C-ZB75	3 600
(Total Salary).....		(7 200)
		6 150
		(8 200)

50. Harrison Kane, Assistant Professor	C-B	7 500
51. John W. Melin, Assistant Professor	C-ZB50	3 750
(Total Salary)		(7 500)
52. Roy E. Olson, Assistant Professor	C-ZB50	3 900
(Total Salary)		(7 800)
53. Maurice G. Porter, Assistant Professor	C-ZB67	5 400
(Total Salary)		(8 100)
54. Wallace Sanders, Jr., Assistant Professor	C-ZB50	3 500
(Total Salary)		(7 000)
55. Richard E. Speece, Assistant Professor of Sanitary Engineering	C-B	7 500
56. Samuel Sutcliffe, Assistant Professor	C-B	7 800
57. _____, Assistant Professor	C-B50	3 800
58. Furman W. Barton, Research Associate	C-ZD50	3 500
(Total Salary)		(7 000)
59. Alfred J. Hendron, Jr., Research Associate	C-ZD50	2 850
(Total Salary)		(5 700)
60. Thomas K. Liu, Research Associate	C-ZD50	3 250
(Total Salary)		(6 500)
61. Joseph P. Murtha, Research Associate	{S-D50	4 000
(Total Salary)	{C-D50	4 000
62. William C. Schnobrich, Research Associate	C-ZD50	3 750
(Total Salary)		(7 500)
63. Steven J. Fenves, Instructor	C-D	8 200
64. Gordon Gracie, Instructor	C-D	6 900
65. Richard L. Jennings, Instructor	C-ZD50	3 300
(Total Salary)		(6 600)
66. John H. Lamb, Jr., Instructor	S-D25	1 600
67. Charles W. Lewitt, Instructor	C-ZD50	3 250
(Total Salary)		(6 500)
68. Louis R. Shaffer, Instructor	C-D	8 100
69. William H. Walker, Instructor	C-ZD50	3 400
(Total Salary)		(6 800)
70. Richard N. Wright III, Instructor	S-ZD50	3 900
(Total Salary)		(7 800)
71. _____, Instructor	C-D	6 500
72. Stanley D. Wilson, Visiting Lecturer in Soil Mechanics	C-DY7	700
73. 2.50 Full Time Equivalent Research Assistants	S-E	11 800
Nonacademic Salaries	C	39 270
Nonacademic Salaries	S	52 017
Total, Salaries	C	(632 387)
Wages	C	4 425
Wages	S	4 500
Expense	C	16 000
Expense	S	11 100
Equipment	C	4 800
Equipment	S	3 200
Total, Wages, Expense, and Equipment	C	(44 025)
Total, Civil Engineering		\$676 412

Civil Engineering Earth Testing Revolving

Account Number 12-22-20-322

Expense	S	\$ 1 300
Total, Civil Engineering Earth Testing Revolving		\$ 1 300

Civil Engineering Testing Revolving

Account Number 12-22-20-384

Nonacademic Salaries		\$ 2 100
Total, Salaries		(2 100)
Expense	S	12 000
Total, Wages, Expense, and Equipment	S	(12 000)
Total, Civil Engineering Testing Revolving		\$14 100

Auxiliary — Camp Rabideau Operation

Account Number 18-22-20-782

Expense	C	\$10 000
<i>Total, Auxiliary — Camp Rabideau Operation</i>		<u>\$10 000</u>

Cooperative Investigations**CATERPILLAR TRACTOR — U-SHAPED MEMBERS**

Account Number 44-22-20-310

1. Alfredo Ang, Assistant Professor	S-ZB25	\$ 2 025
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ENGINEERING FOUNDATION — STRUCTURAL JOINTS

Account Number 44-22-20-322

1. Charles W. Lewitt, Instructor	S-ZD50	\$ 3 250
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NATIONAL STEEL CORPORATION — N-A-XTRA JOINTS

Account Number 44-22-20-356

1. W. H. Bruckner, Professor	S-ZA25	\$ 2 625
(Total Salary)		(10 500)

VARIOUS DONORS — LIME POZZOLAN

Account Number 44-22-20-391

1. Harold L. Ahlberg, Research Associate	S-D	\$ 6 000
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U.S. AIR FORCE 4508

Account Number 46-22-20-320

1. Y. C. Das, Assistant Professor	S-D	\$ 6 600
2. Tseng Huang, Assistant Professor	S-ZB25	1 800
(Total Salary)		(7 200)
3. John W. Melin, Assistant Professor	S-ZB50	3 750
4. Richard L. Jennings, Instructor	S-ZD50	3 300
<i>Total, U.S. Air Force 4508</i>		<u>\$15 450</u>

U.S. AIR FORCE 4302 — ENERGY ABSORPTION

Account Number 46-22-20-306

1. J. L. Merritt, Associate Professor	S-ZA50	\$ 4 450
2. Robert E. Fulton, Assistant Professor	S-ZB50	3 600
3. Alfred J. Hendron, Jr., Research Associate	S-ZD50	2 850
<i>Total, U.S. Air Force — Energy Absorption</i>		<u>\$10 900</u>

U.S. AIR FORCE 2876

Account Number 46-22-20-307

1. George K. Sinnamon, Professor	S-ZA50	\$ 5 000
2. John T. Hanley, Instructor	S-D	8 100
<i>Total, U.S. Air Force 2876</i>		<u>\$13 100</u>

U.S. AIR FORCE 2151

Account Number 46-22-20-317

1. Stanley L. Paul, Instructor	S-D	\$ 6 800
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U.S. AIR FORCE 2390

Account Number 46-22-20-319

1. William C. Schnobrich, Research Associate	S-ZD50	\$ 3 750
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U.S. NATIONAL SCIENCE FOUNDATION G13362

Account Number 46-22-20-351

1. Roy E. Olson, Assistant Professor	S-ZB50	\$ 3 900
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U.S. NATIONAL SCIENCE FOUNDATION G10503

Account Number 46-22-20-354

1. Richard N. Wright III, Instructor	S-ZD50	\$ 3 900
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U.S. N.O.B.S. 65790

Account Number 46-22-20-360

1. Furman W. Barton, Research Associate	S-ZD50	\$ 3 500
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U.S. N.O.B.S. 77008

Account Number 46-22-20-361

1. Stanley T. Rolfe, Research Associate	S-D	\$ 6 600
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U.S. PUBLIC HEALTH SERVICE 4443

Account Number 46-22-20-371

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|---------------------------------------|-----|----------|
| 1. S. F. Pusztaszeri, Assistant | S-E | \$ 4 200 |
|---------------------------------------|-----|----------|

U.S. PUBLIC HEALTH SERVICE RG6436

Account Number 46-22-20-372

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|--|-----|----------|
| 1. John T. O'Connor, Assistant Professor of Sanitary Engineering | S-B | \$ 7 500 |
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U.S. PUBLIC HEALTH SERVICE RG6560

Account Number 46-22-20-373

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|--|-----|----------|
| 1. Ichiya Hayakawa, Research Associate | S-D | \$ 7 500 |
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STATE OF ILLINOIS DIVISION OF HIGHWAYS —

BRIDGE IMPACT

Account Number 47-22-20-307

- | | | |
|--|--------|-----------------|
| 1. Tseng Huang, Assistant Professor | S-ZB25 | \$ 1 800 |
| 2. William H. Walker, Instructor | S-ZD50 | 3 400 |
| <i>Total, State of Illinois Division of Highways —
Bridge Impact</i> | | <i>\$ 5 200</i> |

STATE OF ILLINOIS DIVISION OF HIGHWAYS —

HIGHWAY MEDIANS

Account Number 47-22-20-336

- | | | |
|--|--------|----------|
| 1. John W. Hutchinson, Assistant Professor | S-ZB25 | \$ 2 050 |
|--|--------|----------|

STATE OF ILLINOIS DIVISION OF HIGHWAYS —

PRESTRESSED BRIDGES

Account Number 47-22-20-367

- | | | |
|---|--------|----------|
| 1. Mete Avni Sozen, Associate Professor | S-ZA50 | \$ 4 750 |
|---|--------|----------|

STATE OF ILLINOIS DIVISION OF HIGHWAYS —

RIVETED BOLTED JOINTS

Account Number 47-22-20-374

- | | | |
|---|--------|----------|
| 1. Eugene Chesson, Jr., Assistant Professor | S-ZB50 | \$ 4 100 |
|---|--------|----------|

STATE OF ILLINOIS DIVISION OF HIGHWAYS —

SOIL AGGREGATE

Account Number 47-22-20-379

- | | | |
|---|--------|----------|
| 1. Eugene Y. Huang, Associate Professor | S-ZA75 | \$ 6 150 |
|---|--------|----------|

STATE OF ILLINOIS DIVISION OF HIGHWAYS —

SOIL MAPPING

Account Number 47-22-20-382

- | | | |
|---|--------|-----------------|
| 1. Edward T. Misiaszek, Assistant Professor | S-D | \$ 7 200 |
| 2. Thomas K. Liu, Research Associate | S-ZD50 | 3 250 |
| <i>Total, State of Illinois Division of Highways —
Soil Mapping</i> | | <i>\$10 450</i> |

STATE OF ILLINOIS DIVISION OF HIGHWAYS —

VEHICULAR SPEED REGULATION

Account Number 47-22-20-386

- | | | |
|--|-----|----------|
| 1. Joseph C. Oppenlander, Research Associate | S-D | \$ 7 200 |
|--|-----|----------|

STATE OF ILLINOIS DIVISION OF HIGHWAYS —

WELDED HIGHWAY STRUCTURES

Account Number 47-22-20-391

- | | | |
|--|--------|----------|
| 1. Wallace Sanders, Jr., Assistant Professor | S-ZB50 | \$ 3 500 |
|--|--------|----------|

Coordinated Science Laboratory

U.S. Army Signal Corps 85122

Account Number 46-22-22-310

- | | | |
|--|--------|----------|
| 1. Daniel Alpert, Director | S-ZDY | \$24 000 |
| 2. Hans Frauenfelder, Associate Director | S-ZD50 | 8 800 |
| (Total Salary) | | (17 600) |
| 3. Mac E. Van Valkenburg, Associate Director | S-ZD50 | 8 800 |
| (Total Salary) | | (17 600) |
| 4. John J. Desmond, Assistant Director | S-DY | 14 500 |
| 5. Richard M. Brown, Research Professor | S-ZDY | 20 000 |

6. Bruce L. Hicks, Research Professor.....	S-ZDY45	7 050
(Total Salary).....		(15 700)
7. Jack P. Ruina, Research Professor.....	S-ZDY73	14 630
(Total Salary).....		(20 000)
(On leave without pay 1961-62)		
8. Nelson Wax, Research Professor.....	S-ZD50	7 750
(Total Salary).....		(15 500)
9. Duane H. Cooper, Research Associate Professor.....	S-ZDY	15 800
10. Jose B. Cruz, Jr., Research Associate Professor.....	S-ZD50	4 700
(Total Salary).....		(9 400)
11. Howard W. Knoebel, Research Associate Professor.....	S-DY	17 000
12. Edgar Luscher, Research Associate Professor.....	S-ZDY	11 200
13. Wataru Mayeda, Research Associate Professor.....	S-ZDY	13 750
14. Manfred Raether, Research Associate Professor.....	S-ZDY	11 200
15. Sundaram Seshu, Research Associate Professor.....	ZD50	5 000
(Total Salary).....		(10 000)
16. Donald L. Bitzer, Research Assistant Professor.....	S-DY	13 500
17. Peter G. Braunfeld, Research Assistant Professor.....	S-DY	10 800
18. Cheng Lin Chen, Research Assistant Professor.....	S-DY	9 450
19. Linton S. Kypta, Research Assistant Professor.....	S-DY	14 200
20. William W. Lichtenberger, Research Assistant Professor.....	S-ZD75	6 750
(Total Salary).....		(9 000)
21. Don R. Allen, Research Associate.....	S-DY	11 100
22. Robert W. Anderson, Research Associate.....	S-DY	10 350
23. Henry G. Bobotek, Research Associate.....	S-DY	6 700
24. James L. Divilbiss, Research Associate.....	S-DY	9 500
25. Thomas E. Feuchtwang, Research Associate.....	S-DY	7 750
26. Jay D. Gooch, Research Associate.....	S-DY	10 350
27. Billy D. Kirkwood, Research Associate.....	S-DY	10 300
28. Henry V. Krone, Research Associate.....	S-DY	9 700
29. Donald A. Lee, Research Associate.....	S-DY	8 800
30. E. Jeannine Lechner, Research Associate.....	S-DY50	3 700
31. Christopher Pottle, Research Associate.....	S-DY50	3 400
32. Wilbert C. Prothe, Research Associate.....	S-DY	11 400
33. Dominic O. Skaperdas, Research Associate.....	S-DY	12 600
34. H. Gene Slottow, Research Associate.....	S-DY	11 800
35. John E. Stifle, Research Associate.....	S-DY	8 500
36. Harry E. Tomaschke, Research Associate.....	S-DY	7 200
37. Ray L. Trogdon, Research Associate.....	S-DY	10 900
38. Brian W. Voth, Research Associate.....	S-DY	9 100
39. James W. Cummings, Research Assistant.....	S-DY	8 200
40. Patricia A. Hunt, Research Assistant.....	S-DY	6 000
Total, Coordinated Science Laboratory.....		\$416 230

Electrical Engineering

Account Number 00-22-25-100; College 00-22-25-100; Station 00-22-25-300

1. Edward C. Jordan, Professor and Head of Department..	C-A	\$21 500
2. Wendell E. Miller, Professor and Associate Head of Department.....	C-ZAY75	12 000
(Total Salary).....		(16 000)
3. George E. Anner, Professor.....	C-A	12 600
4. L. B. Archer, Professor.....	C-A	11 300
5. W. Ross Ashby, Professor.....	ZAY25	3 375
(Total Salary).....		(13 500)
6. D. S. Babb, Professor.....	C-A	10 500
7. Albert D. Bailey, Professor.....	ZA50	6 000
(Total Salary).....		(12 000)
8. John Bardeen, Professor.....	C-ZA50	10 500
(Total Salary).....		(23 000)
9. Richard M. Brown, Research Professor.....	C-ZA	
10. Paul D. Coleman, Professor.....	C-ZA50	6 850
(Total Salary).....		(13 700)
11. Georges A. Deschamps, Professor.....	C-A	17 500

12. Willis L. Emery, Professor.....	C-ZA	12 500
(Transferred to Trust)		
13. W. L. Everitt, Professor.....	C-ZAY	
14. Max A. Faucett, Professor.....	C-A	9 850
15. G. H. Fett, Professor.....	C-A	15 000
16. Ladislas Goldstein, Professor.....	C-ZA50	9 350
(Total Salary).....		(18 700)
17. H. N. Hayward, Professor.....	C-ZA	
18. M. S. Helm, Professor.....	C-A	11 500
19. C. A. Keener, Professor.....	C-A	13 600
20. John O. Kraehenbuehl, Professor, <i>Emeritus</i>	C-R	
21. N. W. McLachlan, Professor, <i>Emeritus</i>	C-R	
22. E. B. Paine, Professor, <i>Emeritus</i>	C-R	
23. G. R. Peirce, Professor.....	C-A	10 800
24. David Pines, Professor.....	C-ZA50	7 800
(Total Salary).....		(15 600)
25. E. A. Reid, Professor, <i>Emeritus</i>	C-R	
26. James E. Robertson, Research Professor.....	C-ZA	
27. Jack P. Ruina, Professor.....	C-ZAY27	5 370
(Total Salary).....		(20 000)
(On leave without pay 1961-62)		
28. P. F. Schwarzlose, Professor.....	C-A	10 500
29. C. E. Skroder, Professor.....	C-A	10 000
30. George W. Swenson, Jr., Professor.....	C-ZA52	6 760
(Total Salary).....		(13 000)
31. J. T. Tykociner, Research Professor, <i>Emeritus</i>	C-R	
32. Mac E. Van Valkenburg, Professor.....	C-ZA50	8 800
(Total Salary).....		(17 600)
33. Heinz M. Von Foerster, Professor.....	C-ZA50	7 300
(Total Salary).....		(14 600)
34. Nelson Wax, Professor.....	C-ZA50	7 750
(Total Salary).....		(15 500)
35. Harold D. Webb, Professor.....	C-ZA50	5 500
(Total Salary).....		(11 000)
36. Jerome Earl Williams, Professor.....	C-A	11 100
37. William G. Albright, Associate Professor.....	C-A	8 600
38. Roger W. Burtness, Associate Professor.....	C-A	11 600
39. Julius H. Cahn, Associate Professor.....	C-ZAY50	6 300
(Total Salary).....		(12 600)
40. Duane H. Cooper, Associate Professor.....	C-ZAY	
41. Milton H. Crothers, Associate Professor.....	C-ZA75	7 500
(Total Salary).....		(10 000)
42. Jose B. Cruz, Jr., Associate Professor.....	C-ZA50	4 700
(Total Salary).....		(9 400)
43. Floyd Dunn, Associate Professor.....	C-ZAY25	2 800
(Total Salary).....		(11 200)
44. John D. Dyson, Associate Professor.....	C-ZAY40	4 720
(Total Salary).....		(11 600)
45. Paul R. Egbert, Associate Professor.....	C-A	9 100
46. Edward W. Ernst, Associate Professor.....	C-A	11 400
47. Paul Handler, Associate Professor.....	C-ZA25	2 500
(Total Salary).....		(10 000)
48. Daniel F. Hang, Associate Professor.....	C-A	9 800
49. Edgar C. Hayden, Associate Professor.....	C-ZA33	3 800
(Total Salary).....		(11 400)
50. Charles Hendricks, Jr., Associate Professor.....	C-ZA50	5 250
(Total Salary).....		(10 500)
51. Julius O. Kopplin, Associate Professor.....	C-A	9 700
52. Benjamin Kuo, Associate Professor.....	C-A	9 200
53. Yuen Tze Lo, Associate Professor.....	ZAY25	3 125
(Total Salary).....		(12 500)
54. P. Edward Mast, Associate Professor.....	C-ZA75	7 275
(Total Salary).....		(9 700)
55. Wataru Mayeda, Associate Professor.....	C-ZAY	

56. Paul E. Mayes, Associate Professor	C-ZAY50	7 100
(Total Salary)		(14 200)
(On leave with pay for five months from September 1, 1961)		
57. Millard S. McVay, Associate Professor	C-A	11 100
58. R. Mittra, Associate Professor	ZA33	3 000
(Total Salary)		(9 000)
59. T. A. Murrell, Associate Professor	ZA50	4 900
(Total Salary)		(9 800)
60. J. P. Neal, Associate Professor	C-A	9 800
61. Wolfgang Poppelbaum, Research Associate Professor	C-ZA	.....
62. Sundaram Seshu, Associate Professor	ZA50	5 000
(Total Salary)		(10 000)
63. Murray D. Sirkis, Associate Professor	C-ZA25	2 675
(Total Salary)		(10 700)
64. Andrew W. Swago, Associate Professor	C-A	9 700
(On leave without pay 1961-62)		
65. _____, Associate Professor	A	9 600
66. Philip A. Bauman, Assistant Professor	C-B	7 200
67. H. C. Brearley, Jr., Assistant Professor	C-ZBY	.....
68. Donald A. Calahan, Assistant Professor	C-ZB70	5 300
(Total Salary)		(7 300)
69. Raymond A. Davidson, Assistant Professor	C-ZB50	4 050
(Total Salary)		(8 100)
70. V. Gourishankar, Assistant Professor	C-B	7 200
71. Paul K. Hudson, Assistant Professor	C-B	9 000
72. Gene H. Lechner, Assistant Professor	C-B50	4 700
73. William W. Lichtenberger, Assistant Professor	C-ZB25	2 250
(Total Salary)		(9 000)
74. Thomas C. Marshall, Assistant Professor	ZBY25	2 500
(Total Salary)		(10 000)
75. Gernot A. Metze, Research Assistant Professor	C-ZB	.....
76. William H. Steier, Assistant Professor	C-ZB25	2 250
(Total Salary)		(9 000)
77. Kung Chie Yeh, Assistant Professor	C-ZBY40	4 320
(Total Salary)		(10 800)
78. William R. Perkins, Assistant Professor	C-B	8 400
79. _____, Assistant Professor	C-B50	3 900
80. _____, Assistant Professor	C-D	6 800
81. _____, Assistant Professor	C-B67	5 800
82. Leo V. Auth, Jr., Instructor	C-D16	1 000
83. Cameron W. Blachford, Instructor	C-D20	1 000
84. M. L. Blostein, Instructor	C-D50	2 300
85. James P. Bobis, Instructor	C-D50	2 500
86. Arnold W. Dipert, Instructor	C-D50	2 400
87. George G. Dodd, Instructor	C-D50	2 300
88. Cassius Hesselberth, Instructor	C-D50	2 550
89. De Verl S. Humpherys, Instructor	C-D50	2 600
90. Edwin C. Jones, Jr., Instructor	C-D50	2 800
91. Robert W. Kafka, Instructor	C-D50	2 500
92. Paul W. Klock, Instructor	C-D	6 100
93. William A. Krowicz, Instructor	C-D50	2 450
94. Jaan Kruus, Instructor	C-D50	2 250
95. John R. Lehmann, Instructor	C-D50	3 200
96. Hsiao J. Ma, Instructor	C-D50	2 500
97. Thomas E. Mueller, Instructor	C-D50	2 500
98. James H. Pugsley, Instructor	D50	2 600
99. John K. Russell, Instructor	C-D50	2 300
100. John M. Schneider, Instructor	C-D20	1 000
101. Herbert J. Stein, Instructor	C-D75	3 900
102. Richard E. Toepfer, Jr., Instructor	C-D20	1 040
103. Joseph T. Verdeyen, Instructor	C-ZDY25	2 100
(Total Salary)		(8 400)
104. _____, Instructor	C-D20	1 000

105. 14.50 Full Time Equivalent Assistants.....	C-E	67 000
Nonacademic Salaries.....	C	101 237
Nonacademic Salaries.....	S	52 029
<i>Total, Salaries.....</i>	C	(804 676)
Wages.....	C	19 950
Expense.....	C	24 485
Equipment.....	C	15 000
<i>Total, Wages, Expense, and Equipment.....</i>	C	(59 435)
<i>Total, Electrical Engineering.....</i>		\$864 111

Electrical Engineering Network Analyzer Revolving

Account Number 12-22-25-356

Expense.....	S	\$ 100
<i>Total, Electrical Engineering Network Analyzer Revolving</i>		\$ 100

Cooperative Investigations

U.S. AIR FORCE 7473

Account Number 46-22-25-302

1. Ladislav Goldstein, Professor.....	S-ZA15	\$ 2 805
2. Wendell E. Miller, Professor.....	S-ZAY5	800
3. Julius H. Cahn, Associate Professor.....	S-ZAY50	6 300
4. Thomas C. Marshall, Assistant Professor.....	S-ZBY75	7 500
<i>Total, U.S. Air Force 7473.....</i>		\$17 405

U.S. AIR FORCE 63

Account Number 46-22-25-303

1. B. Anantha Shenoi, Instructor.....	S-D60	\$ 3 150
2. Donald A. Calahan, Assistant Professor.....	ZB30	2 000
<i>Total, U.S. Air Force 63.....</i>		\$ 5 150

U.S. AIR FORCE 417

Account Number 46 22 25 305

1. Wendell E. Miller, Professor.....	S-ZAY5	\$ 800
2. Paul Handler, Associate Professor.....	S-ZA50	5 000
<i>Total, U.S. Air Force 417.....</i>		\$ 5 800

U.S. AIR FORCE 763

Account Number 46-22-25-307

1. Reginald C. Eggleton, Research Assistant.....	ZDY50	\$ 4 450
(Total Salary).....		(8 900)

U.S. AIR FORCE 2413

Account Number 46-22-25-308

1. Edgar C. Hayden, Associate Professor.....	ZA12	\$ 1 420
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U.S. AIR FORCE 5565

Account Number 46-22-25-310

1. Ladislav Goldstein, Professor.....	S-ZA5	\$ 935
2. Milton H. Crothers, Associate Professor.....	ZA25	2 500
3. P. Edward Mast, Associate Professor.....	S-ZA25	2 425
4. R. Mittra, Associate Professor.....	ZD34	3 000
5. Ralph R. Hodges, Jr., Research Associate.....	S-DY75	5 100
6. Keith G. Balmain, Research Assistant.....	S-DY	6 100
7. Harry A. Shubert, Research Assistant.....	S-DY	5 300
<i>Total, U.S. Air Force 5565.....</i>		\$25 360

U.S. AIR FORCE 7043

Account Number 46-22-25-312

1. Paul D. Coleman, Professor.....	S-ZA45	\$ 6 165
2. Murray D. Sirkis, Associate Professor.....	ZD75	8 025
3. Charles E. Enderby, Assistant Professor.....	BY	9 500
4. Toshio Hosono, Visiting Research Associate.....	DY	7 500
5. B. D. Nagchaudhuri, Visiting Research Associate.....	DY	7 500
6. Richard J. Kenyon, Research Assistant.....	S-DY	5 500
<i>Total, U.S. Air Force 7043.....</i>		\$44 190

U.S. AIR FORCE 2456

Account Number 46-22-25-313

1. Paul D. Coleman, Professor.....	ZA5	\$ 685
2. William H. Steier, Assistant Professor.....	ZB75	6 750
3. Eikichi Yamashita, Research Assistant.....	DY	5 200
<i>Total, U.S. Air Force 2456.....</i>		<u>\$12 635</u>

U.S. AIR FORCE 6079

Account Number 46-22-25-314

1. Wendell E. Miller, Professor.....	S-ZAY5	\$ 800
2. John D. Dyson, Associate Professor.....	S-ZAY30	3 440
3. Paul E. Mayes, Associate Professor.....	S-ZAY50	7 100
(On leave with pay for five months from September 1, 1961)		
4. R. Mittra, Associate Professor.....	ZD33	3 000
5. Robert L. Carrel, Research Associate.....	S-DY	7 400
6. Willard T. Patton, Instructor.....	S-D	7 300
7. Robert H. Macphie, Research Assistant.....	S-DY	6 000
<i>Total, U.S. Air Force 6079.....</i>		<u>\$35 040</u>

U.S. AIR FORCE 3481

Account Number 46-22-25-315

1. Ladislav Goldstein, Professor.....	S-ZA10	\$ 1 870
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U.S. AIR FORCE 556

Account Number 46-22-25-316

1. Don F. Holshouser, Associate Professor.....	S-AY	\$10 800
2. Oscar L. Gaddy, Research Assistant.....	DY	5 700
<i>Total, U.S. Air Force 556.....</i>		<u>\$16 500</u>

U.S. AIR FORCE 7411

Account Number 46-22-25-317

1. Ladislav Goldstein, Professor.....	S-ZA15	\$ 2 805
2. Charles Hendricks, Jr., Associate Professor.....	S-ZA50	5 250
<i>Total, U.S. Air Force 7411.....</i>		<u>\$ 8 055</u>

U.S. AIR FORCE 6428

Account Number 46-22-25-319

1. Heinz M. Von Foerster, Professor.....	S-ZA5	\$ 730
2. Murray L. Babcock, Research Assistant Professor.....	S-BY	8 500
<i>Total, U.S. Air Force 6428.....</i>		<u>\$ 9 230</u>

U.S. ARMY SIGNAL CORPS 87232

Account Number 46-22-25-327

1. Joseph T. Verdeyen, Instructor.....	ZDY75	\$ 6 300
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U.S. ARMY SIGNAL CORPS 87264

Account Number 46-22-25-329

1. Albert D. Bailey, Professor.....	S-ZA25	\$ 3 000
2. John D. Dyson, Associate Professor.....	S-ZAY30	3 440
3. Edgar C. Hayden, Associate Professor.....	S-ZA17	1 900
<i>Total, U.S. Army Signal Corps 87264.....</i>		<u>\$ 8 340</u>

U.S. ARMY SIGNAL CORPS 85173

Account Number 46-22-25-332

1. Harold D. Webb, Professor.....	ZA50	\$ 5 500
2. Raymond A. Davidson, Assistant Professor.....	ZB50	4 050
<i>Total, U.S. Army Signal Corps 85173.....</i>		<u>\$ 9 550</u>

U.S. ARMY SIGNAL CORPS 78313

Account Number 46-22-25-333

1. Ladislav Goldstein, Professor.....	S-ZA5	\$ 935
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U.S. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NATIONAL SCIENCE GRANT 2459

Account Number 46-22-25-340

1. Kung Chie Yeh, Assistant Professor.....	S-ZBY60	\$ 6 480
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U.S. NATIONAL SCIENCE FOUNDATION G14894

Account Number 46-22-25-342

1. Yuen Tze Lo, Associate Professor..... S-ZDY42 \$ 5 250

U.S. NATIONAL SCIENCE FOUNDATION G10885

Account Number 46-22-25-347

1. E. E. Kriekhaus, Research Assistant..... DY \$ 5 550

U.S. NATIONAL SCIENCE FOUNDATION G17414

Account Number 46-22-25-350

1. Heinz M. Von Foerster, Professor..... ZA20 \$ 2 920

2. Gotthard Gunther, Visiting Research Associate Professor S-DY 9 500

Total, U.S. National Science Foundation G17414..... \$12 420

U.S. N.O.B.S. 64723

Account Number 46-22-25-357

1. Wendell E. Miller, Professor..... S-ZAY5 \$ 800

2. Edgar C. Hayden, Associate Professor..... S-ZA13 1 430

3. Leon J. Miller, Research Associate..... S-ZDY50 4 200

(Total Salary)..... (8 400)

4. Robert S. Smith, Research Associate..... DY 8 500

5. Murna J. Raff, Research Assistant..... DY 4 000

Total, U.S. N.O.B.S. 64723..... \$18 930

U.S. OFFICE OF NAVAL RESEARCH 183402

Account Number 46-22-25-378

1. Albert D. Bailey, Professor..... S-ZA25 \$ 3 000

2. Edgar C. Hayden, Associate Professor..... S-ZA25 2 850

3. Leon J. Miller, Research Associate..... S-ZDY50 4 200

Total, U.S. Office of Naval Research 183402..... \$10 050

U.S. OFFICE OF NAVAL RESEARCH 183417

Account Number 46-22-25-380

1. Paul Handler, Associate Professor..... ZA25 \$ 2 500

U.S. OFFICE OF NAVAL RESEARCH 183420

Account Number 46-22-25-381

1. Wendell E. Miller, Professor..... S-ZAY5 \$ 800

2. Elizabeth K. Kelly, Research Associate..... S-ZDY15 1 315

(Total Salary)..... (8 875)

Total, U.S. Office of Naval Research 183420..... \$ 2 115

U.S. OFFICE OF NAVAL RESEARCH 183421

Account Number 46-22-25-382

1. W. Ross Ashby, Professor..... ZAY75 \$10 125

2. Heinz M. Von Foerster, Professor..... S-ZA25 3 650

Total, U.S. Office of Naval Research 183421..... \$13 775

U.S. OFFICE OF NAVAL RESEARCH 183429

Account Number 46-22-25-383

1. Floyd Dunn, Associate Professor..... ZDY25 \$ 2 800

U.S. PUBLIC HEALTH SERVICE B3344

Account Number 46-22-25-387

1. Floyd Dunn, Associate Professor..... ZDY50 \$ 5 600

2. Francis J. Fry, Research Associate Professor..... ZBY25 3 000

3. Stefan Borbely, Research Assistant..... S-DY 5 800

Total, U.S. Public Health Service B3344..... \$14 400

U.S. PUBLIC HEALTH SERVICE B1017

Account Number 46-22-25-388

1. Francis J. Fry, Research Associate Professor..... ZBY50 \$ 6 000

U.S. PUBLIC HEALTH SERVICE B1567

Account Number 46-22-25-390

1. Francis J. Fry, Research Associate Professor..... ZBY25 \$ 3 000

2. Rolfs Krumins, Research Assistant Professor..... DY 7 650

3. Reginald C. Eggleton, Research Assistant.....	ZDY50	4 450
<i>Total, U.S. Public Health Service B1567.....</i>		<u>\$15 100</u>

Ultrasound in Biology

Account Number 00-22-26-300

1. William J. Fry, Research Professor.....	S-AY	\$16 000
2. Garth J. Thomas, Research Professor.....	S-ZAY50	7 400
(Total Salary).....		(14 800)
3. Elizabeth K. Kelly, Research Associate.....	S-ZDY85	7 560
(Total Salary).....		(8 875)
Nonacademic Salaries.....	S	7 210
<i>Total, Salaries.....</i>	S	<u>(38 170)</u>
Expense.....	S	2 300
Wages.....	S	400
Equipment.....	S	2 300
<i>Total, Wages, Expense, and Equipment.....</i>	S	<u>(5 000)</u>
<i>Total, Ultrasound in Biology.....</i>		<u>\$43 170</u>

General Engineering

Account Number 00-22-30-100

1. Jerry S. Dobrovolsky, Professor and Head of Department.....	C-A	\$12 000
2. S. G. Hall, Professor.....	C-A	10 800
3. R. P. Hoelscher, Professor, <i>Emeritus</i>	C-R	.....
4. Bernt O. Larson, Professor.....	C-A	11 400
5. Edwin McClintock, Jr., Professor.....	A	10 800
6. John E. Pearson, Professor.....	C-A	11 400
7. Stanley H. Pierce, Professor.....	C-ZAY	.....
8. Wayne L. Shick, Professor.....	C-A	10 000
9. C. H. Springer, Professor.....	C-A	13 800
10. L. D. Walker, Professor.....	C-A	10 900
11. Robert P. Borri, Associate Professor.....	C-A	8 600
12. Edward D. Ebert, Associate Professor.....	C-A	9 400
13. Thomas C. Hartley, Associate Professor.....	C-A	8 200
14. Robert A. Jewett, Associate Professor.....	C-A	8 200
15. Fred L. Spalding, Associate Professor.....	C-A	8 200
16. Grace Wilson, Associate Professor.....	C-A	8 200
17. William F. Berkow, Assistant Professor.....	C-B	7 200
18. R. S. Crossman, Assistant Professor, <i>Emeritus</i>	C-R	.....
19. John P. Hipskind, Assistant Professor.....	C-B	6 500
20. Gordon E. Martin, Assistant Professor.....	C-D	8 000
21. Howard C. Nelson, Assistant Professor.....	C-B	6 400
22. David R. Opperman, Assistant Professor.....	C-ZB	.....
23. Maurice G. Porter, Assistant Professor.....	C-ZB33	2 700
(Total Salary).....		(8 100)
24. Donald E. Scheck, Assistant Professor.....	C-B	6 700
25. Paul W. Steinbeck, Assistant Professor.....	C-B	6 500
26. James R. Tague, Assistant Professor.....	C-B	7 000
27. Robert W. Bokenkamp, Instructor.....	C-D80	6 300
28. John F. Drcher, Instructor.....	C-D	7 200
29. David C. O'Bryant, Instructor.....	C-D	5 400
30. Ronald J. Placek, Instructor.....	C-D	6 600
31. David R. Reyes-Guerra, Instructor.....	C-D	7 000
32. Donald H. Rimbey, Instructor.....	ZDY	.....
33. Harrison Streeter, Instructor.....	C-D	7 000
34. _____, Instructor.....	D	6 500
35. 4.00 Full Time Equivalent Assistants.....	C-E	16 750
Nonacademic Salaries.....	C	12 120
<i>Total, Salaries.....</i>		<u>(267 770)</u>
Wages.....	C	6 000
Expense.....	C	10 700
Equipment.....	C	2 600
<i>Total, Wages, Expense, and Equipment.....</i>	C	<u>(19 300)</u>
<i>Total, General Engineering.....</i>		<u>\$287 070</u>

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE RG8333

Account Number 46-22-30-363

1. Donald H. Rimbey, Instructor.....	ZDY20	\$ 1 600
(Total Salary).....		(8 000)

Measurement Program

Account Number 00-22-35-300

1. H. N. Hayward, Director.....	S-ZD	\$13 600
2. Howard C. Roberts, Research Professor.....	S-AY	12 500
Nonacademic Salaries.....	S	40 080
Total, Salaries.....	S	(66 180)
Wages.....	S	3 300
Expense.....	S	4 100
Equipment.....	S	4 000
Total, Wages, Expense, and Equipment.....	S	(11 400)
Total, Measurement Program.....		\$77 580

Mechanical and Industrial Engineering

Account Number 00-22-40-100; College 00-22-40-100; Station 00-22-40-300

1. ———, Professor of Mechanical Engineering and Head of Department.....	C-A	\$20 500
2. Harlan D. Bareither, Professor of Mechanical Engineering.....	C-ZAY27	4 040
(Total Salary).....		(15 000)
3. E. L. Broghamer, Professor of Mechanical Engineering.....	C-A	10 700
4. C. H. Casberg, Professor, <i>Emeritus</i>	C-R	.....
5. Bei Tse Chao, Professor of Mechanical Engineering.....	C-A	13 700
6. Lawrence E. Doyle, Professor of Mechanical Engineering.....	C-A	10 000
7. William N. Espy, Professor, <i>Emeritus</i>	R	.....
8. M. K. Fahnestock, Research Professor of Mechanical Engineering.....	S-ZAY	13 000
9. Julian R. Fellows, Professor of Mechanical Engineering.....	C-ZA	11 900
(Transferred to Trust)		
10. C. Dale Greffe, Professor of Mechanical Engineering.....	C-A	9 500
11. C. W. Ham, Professor, <i>Emeritus</i>	C-R	.....
12. George W. Harper, Professor of Mechanical Engineering.....	C-A	10 700
13. Eugene F. Hebrank, Professor of Mechanical Engineering.....	C-A	11 000
14. John A. Henry, Professor of Mechanical Engineering.....	C-ZA75	7 950
(Total Salary).....		(10 600)
15. William L. Hull, Professor of Mechanical Engineering.....	C-A	12 000
16. Seichi Konzo, Professor of Mechanical Engineering.....	C-A	16 000
17. Helmut H. Korst, Professor of Mechanical Engineering.....	C-A	16 500
18. A. P. Kratz, Research Professor, <i>Emeritus</i>	C-R	.....
19. Reinhold F. Larson, Professor of Mechanical Engineering.....	C-A	11 600
20. James L. Leach, Professor of Mechanical Engineering.....	C-A	9 700
21. Edwin D. Luke, Professor of Mechanical Engineering.....	C-A	11 200
22. Ross J. Martin, Professor of Mechanical Engineering.....	C-ZAY	.....
23. John C. Miles, Professor of Mechanical Engineering.....	C-ZA	10 300
(Transferred to Trust)		
24. Norman A. Parker, Professor of Mechanical Engineering.....	A	.....
(See Chicago)		
25. E. B. Penrod, Visiting Professor of Mechanical Engineering.....	C-E	13 500
(Paid from items 9 and 41)		
26. Leo C. Pigage, Professor of Mechanical Engineering.....	C-A	10 500
27. Eugene I. Radzimovsky, Professor of Mechanical Engineering.....	C-A	11 500
28. David G. Ryan, Professor of Mechanical Engineering.....	C-A	12 800
29. Francis Seyfarth, Professor of Mechanical Engineering.....	C-ZA	10 100
(Transferred to Trust)		
30. Shao Lee Soo, Professor of Mechanical Engineering.....	C-A	14 500
31. K. J. Trigger, Professor of Mechanical Engineering.....	C-A	15 500

32. ———, Professor of Mechanical Engineering.....	C-A	12 300
33. Willard E. Bair, Associate Professor of Mechanical Engineering.....	C-A	9 400
34. James W. Bayne, Associate Professor of Mechanical Engineering.....	C-A	8 800
35. Wen Lung Chow, Associate Professor of Mechanical Engineering.....	S-A	9 700
36. David H. Cole, Associate Professor of Mechanical Engineering.....	C-A	7 800
37. A. G. Friederich, Associate Professor of Mechanical Engineering.....	C-A	7 900
38. David H. Offner, Associate Professor of Mechanical Engineering.....	C-A	8 300
39. Thornton W. Price, Associate Professor of Mechanical Engineering.....	C-A	9 300
40. C. E. Schubert, Associate Professor, <i>Emeritus</i>	C-R	.....
41. Wilbert F. Stoecker, Associate Professor of Mechanical Engineering..... (On leave without pay 1961-62)	C-A	9 300
42. Ross P. Strout, Associate Professor of Mechanical Engineering.....	C-A	8 400
43. John L. Whisenand, Associate Professor of Mechanical Engineering.....	C-A	8 300
44. ———, Associate Professor of Mechanical Engineering.....	C-A	9 200
45. Alexander A. Hayday, Assistant Professor of Mechanical Engineering.....	C-B	9 200
46. Robert G. Hering, Assistant Professor of Mechanical Engineering.....	C-B	9 200
47. Charles M. Phipps, Jr., Assistant Professor of Mechanical Engineering.....	C-B	7 400
48. ———, Assistant Professor of Mechanical Engineering.....	C-B	10 700
49. C. E. Derrough, Instructor, <i>Emeritus</i>	C-R	.....
50. James L. French, Instructor in Mechanical Engineering..	C-D	6 500
51. Ronald H. Howell, Instructor in Mechanical Engineering..	C-D	5 900
52. Stephan Konz, Instructor in Mechanical Engineering.....	C-D	6 500
53. Donald L. Mykkanen, Instructor in Mechanical Engineering.....	C-D	8 000
54. Howard L. Schmidt, Instructor in Mechanical Engineering.....	C-D	5 700
55. Morse B. Singer, Instructor in Mechanical Engineering..	C-D	7 200
56. Ronald L. Smoot, Instructor in Mechanical Engineering..	C-D	6 700
57. Robert A. White, Instructor in Mechanical Engineering..	C-D	6 000
58. A. D. Wright, Instructor, <i>Emeritus</i>	C-R	.....
59. George P. Anderson, Lecturer in Industrial Engineering..	C-D	10 400
60. Parker H. Badger, Lecturer in Mechanical Engineering..	C-D	8 000
61. Stephen R. Davis, Lecturer in Mechanical Engineering..	C-D	8 500
62. B. F. von Turkovich, Lecturer in Industrial Engineering..	C-D	9 000
63. ———, Lecturer in Mechanical Engineering.....	C-D25	1 650
64. 8.30 Full Time Equivalent Assistants.....	C-E	38 050
65. 0.25 Full Time Equivalent Assistants.....	S-E	1 100
Nonacademic Salaries.....	C	87 252
Nonacademic Salaries.....	S	26 092
<i>Total, Salaries</i>	C	(672 934)
Wages.....	C	6 100
Expense.....	C	34 100
Expense.....	S	3 600
Equipment.....	C	6 000
Equipment.....	S	3 000
<i>Total, Wages, Expense, and Equipment</i>	C	(52 800)
<i>Total, Mechanical and Industrial Engineering</i>		\$725 734

Cooperative Investigations**INSTITUTE OF BOILER AND RADIATOR MANUFACTURERS —
STEAM AND WATER HEAT**

Account Number 44-22-40-342

1. Warren S. Harris, Professor of Mechanical Engineering..	S-AY	\$13 500
2. Robert R. Laschober, Research Associate in Mechanical Engineering.....	S-DY	8 300
<i>Total, Institute of Boiler and Radiator Manufacturers — Steam and Water Heat.....</i>		<i>\$21 800</i>

NATIONAL WARM AIR HEATING — FURNACES

Account Number 44-22-40-356

1. James H. Healy, Research Associate in Mechanical Engineering.....	S-DY	\$ 6 500
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Mining, Metallurgy, and Petroleum Engineering

Account Number 00-22-50-100; College 00-22-50-100; Station 00-22-50-300

1. Thomas A. Read, Professor of Metallurgy and Head of Department.....	C-A	\$18 700
2. Robert W. Balluffi, Professor of Physical Metallurgy....	S-ZA50	5 500
(Total Salary).....		(11 000)
3. Paul A. Beck, Professor of Physical Metallurgy.....	S-A	15 500
4. Robert W. Bohl, Professor of Metallurgical Engineering	C-A	10 300
5. W. H. Bruckner, Professor of Metallurgical Engineering	S-ZA50	5 250
(Total Salary).....		(10 500)
6. William R. Chedsey, Professor of Mining Engineering, <i>Emeritus</i>	C-R	.....
7. Adrian J. De Witte, Professor of Petroleum Engineering	C-A	10 000
8. Earl J. Eckel, Professor of Metallurgical Engineering....	C-A	10 900
9. David S. Lieberman, Professor of Physical Metallurgy..	C-A	10 000
(On leave without pay 1961-62)		
10. Marvin Metzger, Professor of Physical Metallurgy.....	S-A	10 000
11. Bernard G. Ricketts, Professor of Metallurgical Engineering.....	C-A	11 500
12. Hubert E. Risser, Professor of Mineral Economics.....	C-A10	1 200
(Also paid \$12,000 by State Geological Survey)		
13. Walter D. Rose, Professor of Petroleum Engineering....	C-A	11 800
14. Robb M. Thomson, Professor of Physical Metallurgy....	C-A	10 000
15. Walter H. Voskuil, Professor of Mineral Economics, <i>Emeritus</i>	C-R	.....
16. Charles A. Wert, Professor of Physical Metallurgy.....	S-ZA50	7 000
(Total Salary).....		(14 000)
17. Frederick D. Wright, Professor of Mining Engineering..	C-A	11 500
18. Rudolph G. Wuerker, Professor of Mining Engineering..	G	.....
(On disability leave — University Retirement System)		
19. George R. Eadie, Associate Professor of Mining Engineering.....	C-A	9 000
20. A. C. Forsyth, Associate Professor of Metallurgical Engineering.....	C-A	8 700
21. Vladimir S. Tuman, Associate Professor of Petroleum Engineering.....	C-D	9 600
22. Clarence M. Wayman, Associate Professor of Metallurgical Engineering.....	C-A	8 200
23. Erwin K. Weise, Associate Professor of Metallurgical Engineering.....	C-A	7 800
24. ———, Professor of Mining Engineering.....	C-A	9 400
25. Carl J. Altstetter, Assistant Professor of Physical Metallurgy.....	C-B	7 800
26. 1.25 Full Time Equivalent Assistants.....	C-E	5 350
27. 1.00 Full Time Equivalent Research Assistants.....	S-E	4 200
Nonacademic Salaries.....	C	21 834
Nonacademic Salaries.....	S	16 527
<i>Total, Salaries.....</i>	<i>C</i>	<i>(257 561)</i>
Wages.....	C	1 900
Wages.....	S	2 600
Expense.....	C	7 500

Expense.....	S	6 300
Equipment.....	C	6 400
Equipment.....	S	4 600
<i>Total, Wages, Expense, and Equipment.....</i>	C	(29 300)
<i>Total, Mining, Metallurgy, and Petroleum Engineering..</i>		\$286 861

Indirect Costs — Mining, Metallurgy, and Petroleum Engineering

Account Number 40-22-50-300

1. Anthony F. Graziano, Research Associate in Mining and Metallurgy..... S-ZDY20 \$ 1 900

Cooperative Investigations

AMERICAN GAS ASSOCIATION — STEEL CORROSION

Account Number 44-22-50-302

1. W. H. Bruckner, Professor of Metallurgical Engineering.. ZA25 \$ 2 625

U.S. AIR FORCE 819

Account Number 46-22-50-303

1. Vittorio Celli, Assistant Professor of Metallurgical Engineering..... S-DY \$ 8 000
 2. Milton N. Kabler, Assistant Professor of Metallurgical Engineering..... S-DY 8 000
 3. Ross N. Tucker, Assistant Professor of Metallurgical Engineering..... S-DY 8 200
- Total, U.S. Air Force 819.....* \$24 200

U.S. AIR FORCE 420

Account Number 46-22-50-309

1. John F. Breedis, Research Associate in Mining and Metallurgy..... S-DY \$ 8 000
 2. Anthony F. Graziano, Research Associate in Mining and Metallurgy..... S-ZDY40 3 800
 - (Total Salary)..... S (9 500)
- Total, U.S. Air Force 420.....* \$11 800

U.S. ARMY ORDNANCE 1175

Account Number 46-22-50-314

1. Chin H. Cheng, Assistant Professor of Physical Metallurgy..... S-DY \$ 8 000

U.S. ATOMIC ENERGY COMMISSION PROJECT 15

Account Number 46-22-50-322

1. Anthony F. Graziano, Research Associate in Mining and Metallurgy..... S-ZDY40 \$ 3 800

U.S. NATIONAL SCIENCE FOUNDATION G15749

Account Number 46-22-50-356

1. Klaus Schroder, Research Assistant Professor of Metallurgical Engineering..... S-BY \$ 8 000

Nuclear Engineering

Account Number 00-22-53-100

1. Felix T. Adler, Professor..... C-ZA
 2. Marvin E. Wyman, Professor..... C-ZA
 3. 2.00 Full Time Equivalent Assistants..... C-E \$ 8 400
- Nonacademic Salaries..... C 20 370
- Total, Salaries.....* C (28 770)
- Wages..... C 950
- Expense..... C 7 100
- Equipment..... C 4 300
- Total, Wages, Expense, and Equipment.....* C (12 350)
- Total, Nuclear Engineering.....* \$41 120

Physics

Account Number 00-22-55-100; College 00-22-55-100; Station 00-22-55-300

1. Frederick Seitz, Professor and Head of Department..... C-A \$22 500
2. G. M. Almy, Professor and Associate Head of Department C-A 20 000

3. Felix T. Adler, Professor	C-ZA	15 600
4. James S. Allen, Professor	C-ZA50	6 700
(Total Salary)		(13 400)
5. Daniel Alpert, Research Professor	C-ZAY	
6. Giulio Ascoli, Professor	C-A	10 000
7. Peter Axel, Professor	C-A	11 100
8. John Bardeen, Professor	C-ZA50	10 500
(Total Salary)		(23 000)
9. James H. Bartlett, Professor	C-A	10 500
10. Frederick C. Brown, Professor	C-A	11 550
11. Richard M. Brown, Research Professor	C-ZAY	
12. Hans Frauenfelder, Professor	C-ZA50	8 800
(Total Salary)		(17 600)
13. Edwin L. Goldwasser, Professor	C-A	13 000
14. Alfred O. Hanson, Professor	C-A	14 200
(On leave with pay first semester 1961-62)		
15. Robert D. Hill, Professor	C-A	12 300
16. Robert I. Hulsizer, Jr., Professor	C-A	13 350
(On leave with pay first semester 1961-62)		
17. John D. Jackson, Professor	C-A	14 100
18. James S. Koehler, Professor	C-ZA50	7 250
(Total Salary)		(14 500)
19. P. Gerald Kruger, Professor	C-A	16 800
20. Leo S. Lavatelli, Professor	C-A	10 700
21. David Lazarus, Professor	C-A	11 500
22. F. W. Loomis, Professor, <i>Emeritus</i>	C-R	
23. E. M. Lyman, Professor	C-A	13 300
24. Dillon E. Mapother, Professor	C-A	11 700
25. Robert J. Maurer, Professor	C-A	16 200
26. Kazuhiko Nishijima, Professor	C-D	14 000
(Non-citizen)		
27. John R. Pasta, Research Professor	C-ZAY	
28. David Pines, Professor	C-ZA50	7 800
(Total Salary)		(15 600)
29. Robert D. Sard, Professor	C-A	14 000
30. Charles P. Slichter, Professor	C-A	17 000
31. James H. Smith, Professor	C-A	10 200
(On leave without pay 1961-62)		
32. James N. Snyder, Professor	C-ZA	
33. F. R. Watson, Professor, <i>Emeritus</i>	C-RA	
34. John C. Wheatley, Professor	C-A	11 500
(On leave with one-half pay 1961-62)		
35. Marvin E. Wyman, Professor	C-ZA	14 700
36. Julius H. Cahn, Associate Professor	C-ZA	
37. W. Dale Compton, Associate Professor	C-A	10 000
38. Duane H. Cooper, Research Associate Professor	C-ZAY	
39. Lloyd D. Fosdick, Research Associate Professor	C-ZA	
40. Andrew V. Granato, Associate Professor	C-A	10 000
41. Paul Handler, Associate Professor	C-ZA	
42. Ulrich E. Kruse, Associate Professor	C-A	9 800
43. Edgar Luscher, Research Associate Professor	C-ZAY	
44. Bruce H. McCormick, Associate Professor	C-ZA	
45. R. F. Paton, Associate Professor, <i>Emeritus</i>	C-R	
46. Manfred Raether, Research Associate Professor	C-ZAY	
47. David G. Ravenhall, Associate Professor	C-A	9 900
48. J. Robert Schrieffer, Associate Professor	C-A	12 000
49. Ralph O. Simmons, Associate Professor	C-A	8 700
50. H. W. Wyld, Jr., Associate Professor	C-A	9 700
51. _____, Associate Professor of Physics and Nuclear Engineering	C-A	9 000
52. _____, Associate Professor	C-ZD50	4 500
53. Alexander Abashian, Assistant Professor	C-D	9 000
54. Donald M. Ginsberg, Assistant Professor	C-B	8 000

55. John P. Hummel, Assistant Professor.....	C-ZB50	4 300
(Total Salary).....		(8 600)
56. Harvey J. Stapleton, Assistant Professor.....	C-D	7 200
57. David C. Sutton, Assistant Professor.....	C-D	(7 200)
(Paid from item 31)		
58. 34.00 Full Time Equivalent Assistants.....	C-E	141 900
Nonacademic Salaries.....	C	110 309
Total, Salaries.....	C	(735 159)
Wages.....	C	3 900
Expense.....	C	31 100
Expense.....	S	9 100
Equipment.....	C	6 000
Equipment.....	S	8 000
Total, Wages, Expense, and Equipment.....	C	(58 100)
Total, Physics.....		\$793 259

Cooperative Investigations**U.S. AIR FORCE 528**

Account Number 46-22-55-303

1. Krunoslav Ljolje, Research Assistant Professor.....	S-DY	\$ 7 800
2. Allen H. Miller, Research Associate.....	S-DY	7 700
Total, U.S. Air Force 528.....		\$15 500

U.S. AIR FORCE 529

Account Number 46-22-55-305

1. Eizo Otsuka, Research Associate.....	S-DY	\$ 7 300
2. T. M. Srinivasan, Research Associate.....	S-DY	7 500
Total, U.S. Air Force 529.....		\$14 800

U.S. AIR FORCE 579

Account Number 46-22-55-306

1. Taizo Masumi, Research Associate.....	S-FY	\$ 7 200
(Five months from September 1, 1961)		

U.S. AIR FORCE 594

Account Number 46-22-55-307

1. William P. Swanson, Research Associate.....	S-DY	\$ 7 800
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U.S. ARMY ORDNANCE 1001

Account Number 46-22-55-312

1. Frederik W. de Wette, Research Assistant Professor.....	S-DY	\$ 8 600
2. Robert D. Puff, Research Associate.....	S-DY	8 100
Total, U.S. Army Ordnance 1001.....		\$16 700

U.S. ATOMIC ENERGY COMMISSION PROJECT 3

Account Number 46-22-55-320

1. Martijn Dejong, Research Associate.....	S-DY	\$ 7 800
2. Colin P. Flynn, Research Associate.....	S-DY	7 500
Total, U.S. Atomic Energy Commission Project 3.....		\$15 300

U.S. ATOMIC ENERGY COMMISSION PROJECT 22

Account Number 46-22-55-321

1. Ansel C. Anderson, Research Associate.....	S-DY	\$ 7 800
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U.S. ATOMIC ENERGY COMMISSION 182

Account Number 46-22-55-322

1. Robert W. Balluffi, Professor of Physical Metallurgy.....	S-ZA50	\$ 5 500
(Total Salary).....		(11 000)
2. James S. Koehler, Professor.....	S-ZA50	7 250
3. Charles A. Wert, Professor of Physical Metallurgy.....	S-ZA50	7 000
(Total Salary).....		(14 000)
4. F. Garcia-Moliner, Visiting Associate Professor.....	S-D	9 000
5. Friedrich Dworschak, Research Associate.....	S-DY	7 200
6. Cornelius Herschbach, Research Associate.....	S-DY	7 800
Total, U.S. Atomic Energy Commission 182.....		\$43 750

U.S. NATIONAL SCIENCE FOUNDATION G9433

Account Number 46-22-55-353

1. Stanley J. Engelsberg, Research Associate.....	S-DY	\$ 7 400
2. George D. Whitfield, Research Associate.....	S-DY	7 800
<i>Total, U.S. National Science Foundation G9433.....</i>		<u>\$15 200</u>

U.S. OFFICE OF NAVAL RESEARCH 183405

Account Number 46-22-55-361

1. James S. Allen, Professor.....	S-ZA50	\$ 6 700
2. Morton K. Brussel, Research Assistant Professor.....	S-DY	9 800
3. Hans Jurg Gerber, Research Assistant Professor.....	S-DY	8 400
4. Lutz Criegee, Research Associate.....	S-DY	7 500
5. Peter G. Debrunner, Research Associate.....	S-DY	7 800
6. Giovanni De Pasquali, Research Associate.....	S-DY	9 000
7. R. S. Jones, Research Associate.....	S-DY	7 200
8. Yung Kuo Lim, Research Associate.....	S-FY	7 000
(Five months from September 1, 1961)		
9. Suproakash Mukherjee, Research Associate.....	S-DY	7 400
10. Mir Azam Ali, Research Assistant.....	S-DY	5 400
11. Dorothy Carlson-Lee, Research Assistant.....	S-DY	5 800
12. Patricia C. Martin, Research Assistant.....	S-DY	6 000
13. Hilary W. Moore, Research Assistant.....	S-DY	5 800
<i>Total, U.S. Office of Naval Research 183405.....</i>		<u>\$93 800</u>

U.S. NATIONAL SCIENCE FOUNDATION G17428

Account Number 46-22-55-357

1. Theodore A. J. Maris, Visiting Professor.....	DY	\$11 000
2. Horst H. Schroer, Research Associate.....	S-DY	7 800
3. Roy L. Schult, Research Associate.....	S-DY	7 500
<i>Total, U.S. National Science Foundation G17428.....</i>		<u>\$26 300</u>

U.S. OFFICE OF NAVAL RESEARCH 183412

Account Number 46-22-55-363

1. B. A. F. Mühlischlegel, Research Assistant Professor....	S-DY	\$ 8 100
2. Albert Gold, Research Associate.....	S-DY	7 500
<i>Total, U.S. Office of Naval Research 183412.....</i>		<u>\$15 600</u>

Physics Betatron

Account Number 00-22-56-300

1. Rudolf Haag, Research Professor of Physics.....	S-A	\$14 000
2. C. S. Robinson, Research Professor of Physics.....	S-AY	14 500
3. Albert Wattenberg, Research Professor of Physics.....	S-AY	17 500
4. Louis J. Koester, Jr., Research Associate Professor of Physics.....	S-AY	11 300
5. 3.00 Full Time Equivalent Research Assistants.....	S-DY	15 400
Nonacademic Salaries.....	S	67 786
<i>Total, Salaries.....</i>		<u>(140 486)</u>
Wages.....	S	2 300
Expense.....	S	19 000
Equipment.....	S	10 400
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(31 700)</u>
<i>Total, Physics Betatron.....</i>		<u>\$172 186</u>

Theoretical and Applied Mechanics

Account Number 00-22-60-100; College 00-22-60-100; Station 00-22-60-300

1. Thomas J. Dolan, Professor and Head of Department...	C-A	\$19 500
2. Arthur P. Borei, Professor.....	C-A	11 000
3. Cletus Edward Bowman, Professor.....	C-A	10 800
4. Marlyn E. Clark, Professor.....	(C-A50 S-A50)	5 000 5 000
(Total Salary).....		<u>(10 000)</u>
5. W. Leighton Collins, Professor.....	C-ZA25	3 250
(Total Salary).....		<u>(13 000)</u>
6. Herbert T. Corten, Professor.....	S-A	11 500
7. N. E. Ensign, Professor, <i>Emeritus</i>	C-R	.....

8. Paul Guy Jones, Professor.....	C-A	12 600
9. Clyde E. Kesler, Professor.....	S-A	11 200
10. Henry L. Langhaar, Professor.....	C-ZA	16 500
(Transferred to Trust)		
11. Wallace M. Lansford, Professor.....	C-A	13 200
12. William J. Putnam, Professor, <i>Emeritus</i>	C-R	.....
13. James M. Robertson, Professor.....	{C-A50 S-A50	6 000 6 000 (12 000)
(Total Salary).....		
14. W. L. Schwalbe, Professor, <i>Emeritus</i>	C-R	.....
15. F. B. Seely, Professor, <i>Emeritus</i>	C-R	.....
16. Omar M. Sidebottom, Professor.....	{C-A50 S-A50	5 750 5 750 (11 500)
(Total Salary).....		
17. George M. Sinclair, Professor.....	S-A	12 600
18. James O. Smith, Professor.....	C-A	13 800
19. Marvin C. Stippes, Professor.....	{C-A50 S-A50	5 400 5 400 (10 800)
(Total Salary).....		
20. Charles E. Taylor, Professor.....	{C-A50 S-A50	5 850 5 850 (11 700)
(Total Salary).....		
21. Harry R. Wetenkamp, Professor.....	C-A	10 200
22. Will J. Worley, Professor.....	{C-A50 S-A50	5 000 5 000 (10 000)
(Total Salary).....		
23. Albert C. Bianchini, Associate Professor.....	{C-A50 S-A50	4 100 4 100 (8 200)
(Total Salary).....		
24. Thaddeus M. Elsesser, Associate Professor.....	C-A	8 200
25. Robert E. Miller, Associate Professor.....	C-A	8 500
26. JoDean Morrow, Associate Professor.....	{C-A50 S-A50	4 500 4 500 (9 000)
(Total Salary).....		
27. Edward M. Shoemaker, Associate Professor.....	C-A	10 000
28. Frederick G. Bauling, Assistant Professor.....	C-B	7 800
29. George Costello, Assistant Professor.....	C-B	8 100
30. Horatio M. Fitch, Assistant Professor.....	C-B	7 900
31. Russell S. Jensen, Assistant Professor.....	C-B	7 800
32. John W. Murdock, Assistant Professor.....	C-B	7 400
33. Ching Wu Tseng, Assistant Professor.....	C-B	7 100
34. _____, Assistant Professor.....	C-D	7 100
35. Donald F. Adams, Instructor.....	C-D50	2 700
36. Nelson R. Bauld, Jr., Instructor.....	C-D50	2 700
37. Philip E. Bennett, Instructor.....	C-ZD50	3 000
(Total Salary).....		(6 000)
38. William B. Bickford, Instructor.....	C-D50	2 700
39. Charles A. Bouc, Instructor.....	C-D33	1 800
40. John E. Bower, Jr., Instructor.....	C-D50	2 800
41. Robert D. Cook, Instructor.....	C-D50	2 700
42. Edward D. Gurley, Instructor.....	C-D	5 500
43. Raymond Hagglund, Instructor.....	C-D	6 200
44. Emory L. Kemp, Instructor.....	C-D50	2 800
45. Alpha E. Knapp, Instructor.....	C-D50	2 700
46. Kent L. Lawrence, Instructor.....	C-D50	2 700
47. Sonia K. Metropole, Instructor.....	C-D50	2 700
48. Donald E. Nevel, Instructor.....	C-D50	2 800
49. Robert J. Nikolai, Instructor.....	C-D50	2 800
50. Frank J. Rizzo, Instructor.....	C-D50	2 800
51. Daniel F. Schoeberle, Instructor.....	C-D50	2 700
52. Morris Stern, Instructor.....	C-ZD50	3 600
(Total Salary).....		(7 200)
53. Dale B. Taulbee, Instructor.....	C-D50	2 800
54. Earl A. Thornton, Instructor.....	C-D50	2 700

55. Robert S. Wozniak, Instructor.....	C-D50	2 800
56. 4.50 Full Time Equivalent Assistants.....	C-E	19 500
Nonacademic Salaries.....	C	44 724
Nonacademic Salaries.....	S	22 660
<i>Total, Salaries</i>	C	(460 134)
Wages.....	C	2 400
Wages.....	S	1 200
Expense.....	C	10 200
Expense.....	S	5 500
Equipment.....	C	6 500
Equipment.....	S	5 500
<i>Total, Wages, Expense, and Equipment</i>	C	(31 300)
<i>Total, Theoretical and Applied Mechanics</i>		\$491 434

Theoretical and Applied Mechanics Testing Revolving

Account Number 12-22-60-382

Expense.....	S	\$14 000
<i>Total, Theoretical and Applied Mechanics Testing Revolving</i>		\$14 000

Cooperative Investigations**AMERICAN IRON AND STEEL — FAILURES IN RAILROAD RAILS**

Account Number 44-22-60-305

1. Ralph E. Cramer, Research Associate Professor of Engineering-Materials.....	S-DY	\$11 200
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U.S. ARMY ORDNANCE 593

Account Number 46-22-60-304

1. Charles C. Fretwell, Research Associate.....	S-ZD34	\$ 1 900
(Total Salary).....		(5 700)
2. Morris Stern, Instructor.....	S-ZD25	1 800
<i>Total, U.S. Army Ordnance 593</i>		\$ 3 700

U.S. AIR FORCE 5153

Account Number 46-22-60-305

1. Charles E. Feltner, Research Associate.....	S-ZD50	\$ 2 900
(Total Salary).....		(5 800)
2. Philip E. Bennett, Instructor.....	S-ZD50	3 000
(Total Salary).....		(6 000)
<i>Total, U.S. Air Force 5153</i>		\$ 5 900

U.S. ARMY ORDNANCE 3488

Account Number 46-22-60-307

1. Charles C. Fretwell, Research Associate.....	S-ZD33	\$ 1 900
2. Darrell D. Penrod, Research Associate.....	S-D50	2 700
3. Morris Stern, Instructor.....	S-ZD25	1 800
<i>Total, U.S. Army Ordnance 3488</i>		\$ 6 400

U.S. AIR FORCE 8177

Account Number 46-22-60-308

1. Gerald J. Moyer, Research Assistant Professor.....	S-ZB50	\$ 3 550
(Total Salary).....		(7 100)
2. Charles E. Feltner, Research Associate.....	S-ZD50	2 900
<i>Total, U.S. Air Force 8177</i>		\$ 6 450

U.S. ARMY ORDNANCE 3505

Account Number 46-22-60-311

1. James M. Doyle, Research Associate.....	S-D50	\$ 2 700
2. Charles C. Fretwell, Research Associate.....	S-ZD33	1 900
3. Shun Ku Lee, Research Associate.....	S-D	5 200
4. I-chih Wang, Research Associate.....	S-D50	2 600
<i>Total, U.S. Army Ordnance 3505</i>		\$12 400

U.S. OFFICE OF NAVAL RESEARCH 2947-01X

Account Number 46-22-60-370

1. Gerald J. Moyer, Research Assistant Professor.....	S-ZB50	\$ 3 550
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COLLEGE OF FINE AND APPLIED ARTS

General		Wages, Ex- pense, and Equipment	
	Salaries		Total
<i>Instruction</i>			
Administration.....	\$ 48 600	\$ 10 070	\$ 58 670
Special Art Project.....		22 000	22 000
Architecture.....	475 330	11 600	486 930
Art.....	463 120	28 100	491 220
City Planning and Landscape Architecture..	111 820	4 650	116 470
School of Music.....	716 810	52 700	769 510
University of Illinois Bands.....	42 245	19 000	61 245
Krannert Art Museum.....	25 460	8 300	33 760
<i>Total, Instruction</i>	(1 883 385)	(156 420)	(2 039 805)
<i>Organized Research</i>			
Small Homes Council.....	74 320	8 500	82 820
<i>Extension and Public Services</i>			
Bureau of Community Planning.....	69 320	5 830	75 150
<i>Student Aid</i>			
School of Music Scholarships.....		5 000	5 000
Band Scholarship and Commencement Ex- pense.....		6 000	6 000
<i>Total, Student Aid</i>		(11 000)	(11 000)
<i>Total, General</i>	\$2 027 025	\$181 750	\$2 208 775

Restricted		Wages, Ex- pense, and Equipment	
	Salaries		Total
<i>Instruction</i>			
Music Revolving.....		\$ 1 200	\$ 1 200
Music Records Revolving.....		1 300	1 300
University of Illinois Bands Revolving.....		5 000	5 000
Estimated Endowment Income.....	\$ 2 500	2 500	5 000
<i>Total, Instruction</i>	(2 500)	(10 000)	(12 500)
<i>Organized Research</i>			
Small Homes Council Testing Revolving....		200	200
Estimated Private Gifts.....	9 000	4 000	13 000
<i>Total, Organized Research</i>	(9 000)	(4 200)	(13 200)
<i>Extension and Public Services</i>			
Small Homes Council Publications Revolving	3 180	42 300	45 480
Estimated Indirect Costs.....		500	500
<i>Total, Extension and Public Services</i> ...	(3 180)	(42 800)	(45 980)
<i>Total, Restricted</i>	\$14 680	\$57 000	\$71 680

Administration

Account Number 00-24-01-100		
1. Allen S. Weller, Dean.....	ZBY	\$ 22 000
2. Rexford Newcomb, Dean and Professor of Architec- ture, <i>Emeritus</i>	R	.....
3. Robert P. Link, Associate Dean.....	ZBY	15 000
4. C. E. Palmer, Associate Dean, <i>Emeritus</i>	ZR	.....
Nonacademic Salaries.....		11 600
<i>Total, Salaries</i>		(48 600)
Wages.....		370
Expense.....		3 000
Special Art Project.....		15 000
Contingent.....		5 000
Convention Travel.....		7 000
Nonrecurring Unassigned.....		(2 000)
Equipment.....		1 700
<i>Total, Wages, Expense, and Equipment</i>		(32 070)
<i>Total, Administration</i>		\$ 80 670

Architecture

Account Number 00-24-05-100

1. Granville S. Keith, Professor.....	A}	\$ 17 000
Chairman of Department.....	B}	
2. Jack S. Baker, Professor.....	A	11 100
3. Linwood J. Brightbill, Professor of Architectural Engineering.....	A	12 650
4. Ernest A. Connally, Professor.....	A	10 350
5. Walter L. Creese, Professor.....	A	10 900
6. O. S. Fjelde, Professor.....	A	11 100
7. Gabriel Guevrekian, Professor.....	A	11 800
8. Rudard A. Jones, Research Professor.....	ZAY	
9. Alan K. Laing, Professor.....	A	15 400
(On leave with one-half pay 1961-62)		
10. D. B. Lindsay, Professor.....	A	15 400
11. Robert P. Link, Professor.....	ZAY	
12. E. I. Love, Professor.....	A	15 400
13. Fred D. Miles, Professor.....	A	11 500
14. C. E. Palmer, Professor of Architectural Engineering, <i>Emeritus</i>	ZR	
15. L. H. Provine, Professor, <i>Emeritus</i>	R	
16. John G. Replinger, Professor.....	A	10 850
17. Robert J. Smith, Professor.....	A	15 400
18. E. F. Toth, Professor.....	A	15 400
19. A. Richard Williams, Professor.....	A	15 400
20. George T. Clayton, Associate Professor.....	A	11 200
(On leave with pay second semester 1961-62)		
21. Paul H. Coy, Associate Professor.....	A	10 300
22. William Eng, Associate Professor.....	A	9 700
23. Earl M. Farnham, Associate Professor.....	A	8 100
24. George M. Hodge, Jr., Associate Professor.....	ZA50	5 530
Assistant to Chairman of Department.....	ZAY50	6 770
(Total Salary).....		(12 300)
25. Harold L. Hornbeak, Associate Professor of Architectural Engineering.....	A	10 800
26. Walter M. Johnson, Associate Professor of Architectural Drawing.....	A	8 500
(On leave with pay second semester 1961-62)		
27. William H. Kapple, Research Associate Professor.....	ZAY	
28. Ralph M. Line, Associate Professor.....	A	8 200
29. Charles B. Looker, Jr., Associate Professor.....	A	10 100
30. T. E. O'Donnell, Associate Professor, <i>Emeritus</i>	R	
31. Jack H. Swing, Associate Professor.....	A	12 000
32. Stephen J. Y. Tang, Associate Professor of Architectural Engineering.....	A	11 800
33. James B. Wallace, Associate Professor of Architectural Drawing.....	A	8 200
34. Harold C. Young, Associate Professor.....	A	9 400
35. James E. Ambrose, Assistant Professor.....	B	8 000
36. Donald E. Brotherson, Research Assistant Professor..	ZBY	
37. Jacques Collin, Assistant Professor.....	D	7 600
38. Norman D. Day, Assistant Professor.....	B	7 400
39. Edward L. Deam, Assistant Professor.....	D	7 750
40. Victor A. Kibler, Assistant Professor.....	B	7 600
41. Walter H. Lewis, Assistant Professor.....	B	8 750
42. Carl R. Nelson, Jr., Assistant Professor.....	D	6 800
43. William J. O'Connell, Assistant Professor.....	B	9 000
44. Donald E. Sporleder, Assistant Professor.....	B	7 900
45. _____, Assistant Professor.....	B	7 500
46. _____, Assistant Professor.....	B	7 800
47. _____, Assistant Professor.....	B	6 500
48. Benjamin F. Harnish, Instructor.....	D	5 900
49. _____, Instructor.....	D	6 200

50. 6.75 Full Time Equivalent Assistants.....	E	27 000
Nonacademic Salaries		13 380
<i>Total, Salaries</i>		(475 330)
Wages.....		600
Expense		8 500
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(11 600)
<i>Total, Architecture</i>		\$486 930

Art

Account Number 00-24-10-100

1. James R. Shipley, Professor and Head of Department..	A	\$ 16 500
2. LaForce Bailey, Professor, <i>Emeritus</i>	R	.....
3. Edward H. Betts, Professor.....	A	9 500
(On leave with pay second semester 1961-62)		
4. C. E. Bradbury, Professor, <i>Emeritus</i>	R	.....
5. Nicholas Britsky, Professor.....	A	10 400
6. Lee R. Chesney, Professor.....	A	10 600
7. Charles A. Dietemann, Professor.....	A	11 100
8. C. V. Donovan, Professor.....	ZA50	7 350
(Total Salary)		(14 700)
9. W. F. Doolittle, Professor.....	A	13 000
10. James D. Hogan, Professor.....	A	11 500
11. J. William Kennedy, Professor.....	A	10 700
12. Marvin B. Martin, Professor.....	A	10 000
13. Edwin C. Rae, Professor.....	A	10 700
(On leave with one-half pay 1961-62)		
14. Frank J. Roos, Jr., Professor.....	A	11 200
15. Harold A. Schultz, Professor.....	ZA50	6 200
(Total Salary)		(12 400)
16. Allen S. Weller, Professor.....	ZAY	.....
17. Louise M. Woodroffe, Professor, <i>Emerita</i>	R	.....
18. ———, Professor	A	10 000
19. Glenn R. Bradshaw, Associate Professor.....	A	9 700
20. Carleton W. Briggs, Associate Professor.....	A	9 400
(On leave with pay first semester 1961-62)		
21. George N. Foster, Associate Professor.....	A	8 500
22. Donald E. Frith, Associate Professor.....	A	8 000
23. R. E. Hult, Associate Professor.....	A	9 400
(On leave with pay second semester 1961-62)		
24. Kenneth M. Lansing, Associate Professor.....	ZA50	4 300
(Total Salary)		(8 600)
25. James H. G. Lynch, Associate Professor.....	A	8 200
26. Raymond Perlman, Associate Professor.....	A	9 700
(On leave with pay second semester 1961-62)		
27. John Raushenberger, Associate Professor.....	A	8 400
28. Mark Sprague, Associate Professor.....	A	9 200
29. Robert A. von Neumann, Associate Professor.....	A	8 500
30. Edward J. Zagorski, Associate Professor.....	A	9 700
31. Nicola Zirolì, Associate Professor.....	A	8 900
32. ———, Associate Professor.....	A	9 600
33. Billy M. Jackson, Assistant Professor.....	B	6 800
34. Dwight C. Miller, Assistant Professor.....	B	7 400
35. Charles W. Sanders, Assistant Professor.....	B	8 700
36. G. David Shaner, Assistant Professor.....	B	6 500
37. Arthur R. Sinsabaugh, Assistant Professor.....	B	8 000
38. ———, Assistant Professor.....	B	6 900
39. ———, Assistant Professor.....	B	6 500
40. Harry F. Breen, Jr., Instructor.....	ZD50	3 250
(Total Salary)		(6 500)
41. Raymond B. Brown, Instructor.....	D	5 500
42. Dennis E. Byng, Instructor.....	D	6 300

43. Ernest F. De Soto, Instructor.....	D	5 500
44. William Fothergill, Jr., Instructor.....	D	6 800
45. Frank Gallo, Instructor.....	D	5 800
46. Thomas H. Garver, Instructor.....	ZDY	.....
47. James J. Hennessey, Instructor.....	D	5 800
48. Victor G. Kord, Instructor.....	D	5 800
49. Alvin D. Moore, Instructor.....	D	6 100
50. Leonard H. Price, Instructor.....	D	6 600
51. Eugene C. Wicks, Instructor.....	D	6 100
52. _____, Instructor.....	D	6 700
53. _____, Instructor.....	D	5 500
54. _____, Instructor.....	D	5 500
55. _____, Instructor.....	D	5 500
56. _____, Instructor.....	D	5 500
57. Elinor E. Collin, Lecturer.....	D	6 100
58. 7.00 Full Time Equivalent Assistants.....	E	28 900
Nonacademic Salaries.....		14 820
Total, Salaries.....		(463 120)
Wages.....		8 400
Expense.....		16 500
Equipment.....		3 200
Total, Wages, Expense, and Equipment.....		(28 100)
Total, Art.....		\$491 220

City Planning and Landscape Architecture

Account Number 00-24-15-100

1. Louis B. Wetmore, Professor of City and Regional Planning and Head of Department.....	ZA	\$ 15 700
2. Harland Bartholomew, Professor, <i>Emeritus</i>	R	.....
3. William I. Goodman, Professor of City Planning.....	A	11 800
4. Brian Hackett, Professor of Landscape Architecture.....	A	15 000
5. Walter M. Keith, Professor of Landscape Architecture (Total Salary).....	ZA67	(7 740)
6. Karl B. Lohmann, Professor of City and Regional Planning, <i>Emeritus</i>	R	.....
7. Florence B. Robinson, Professor, <i>Emerita</i>	R	.....
8. O. G. Schaffer, Professor, <i>Emeritus</i>	R	.....
9. Stanley White, Professor, <i>Emeritus</i>	R	.....
10. _____, Visiting Professor of City Planning.....	E25	2 680
11. Scott Keyes, Associate Professor of Regional Planning (Total Salary).....	ZAY40	(12 150)
12. Philip H. Lewis, Jr., Associate Professor of Landscape Architecture.....	ZAY85	8 400
(Total Salary).....		(10 250)
13. I. L. Peterson, Associate Professor of Landscape Architecture, <i>Emeritus</i>	R	.....
14. Thomas C. Hazlett, Assistant Professor of Landscape Architecture.....	B	8 200
15. Peter L. Hornbeck, Assistant Professor of Landscape Architecture.....	B	7 500
16. Robert D. Katz, Assistant Professor of City and Regional Planning.....	B	8 400
17. Jerrold R. Voss, Assistant Professor of City Planning.....	B	7 000
18. Robert L. Phillips, Jr., Instructor in Landscape Architecture.....	D	5 300
19. 1.25 Full Time Equivalent Assistants.....	E	5 000
Nonacademic Salaries.....		4 200
Total, Salaries.....		(111 820)
Wages.....		150
Expense.....		3 500
Equipment.....		1 000
Total, Wages, Expense, and Equipment.....		(4 650)
Total, City Planning and Landscape Architecture.....		\$116 470

Bureau of Community Planning

Account Number 00-24-16-400

1. Louis B. Wetmore, Director.....	ZA	.....
2. Joseph M. Heikoff, Assistant Director.....	BY}	
Professor of Regional Planning.....	AY}	\$ 14 500
3. Victor A. Hyde, Professor of Community Planning....	AY	11 900
4. Scott Keyes, Associate Professor of Regional Planning	ZAY60	7 250
(Total Salary)		(12 150)
5. Philip H. Lewis, Jr., Associate Professor of Landscape		
Architecture	ZAY15	1 850
(Total Salary)		(10 250)
6. Ronald R. Boyce, Assistant Professor of Community		
Planning.....	BY	9 300
7. Edward L. Hopkins, Instructor in Community Planning	DY	8 150
8. 1.25 Full Time Equivalent Assistants.....	E	5 000
Nonacademic Salaries		11 370
Total, Salaries		(69 320)
Wages.....		530
Expense		5 300
Expense Nonrecurring		(800)
Total, Wages, Expense, and Equipment.....		(5 830)
Total, Bureau of Community Planning.....		\$ 75 150

Cooperative Investigations

STATE OF ILLINOIS DIVISION OF HIGHWAYS—TRAFFIC

LINKAGE PATTERN

Account Number 47-24-16-383

1. George W. Greenwood, Research Associate in Civil En-		
gineering.....	ZD50	\$ 3 500
(Total Salary)		(7 000)

School of Music

Account Number 00-24-25-100

1. Duane A. Branigan, Director.....	BY}	
Professor.....	AY}	\$ 19 600
2. Andrew Morris Carter, Assistant to Director.....	AY75	8 250
Associate Professor	A25	2 250
(Total Salary)		(10 500)
3. Bjornar Bergethon, Professor.....	A	11 900
4. Gordon W. Binkerd, Professor.....	A	10 000
5. Dorothy E. Bowen, Professor.....	A	10 500
6. Harold A. Decker, Professor.....	A	12 200
7. Stanley Fletcher, Professor.....	A	12 200
8. Bruce R. Foote, Professor.....	A	12 600
9. John C. Garvey, Professor.....	A60}	
Artist in Residence.....	D40}	10 400
10. Scott Goldthwaite, Professor.....	A	11 800
11. Bernard M. Goodman, Professor.....	A60}	
Artist in Residence.....	D40}	11 200
12. Mark H. Hindsley, Professor.....	ZA33	4 340
(Total Salary)		(15 000)
13. Hubert Kessler, Professor.....	A	12 300
14. Charles Leonhard, Professor.....	A	12 900
(On leave with pay second semester 1961-62)		
15. R. H. Miles, Professor.....	A	12 600
16. Paul S. Pettinga, Professor.....	A	11 000
17. Burrill Phillips, Professor.....	A	12 400
(On leave without pay first semester 1961-62)		
18. Dragan Plamenac, Professor.....	A	12 500
19. Claire L. Richards, Professor.....	A	10 000
20. Paul Rolland, Professor.....	A	11 800
21. W. L. Roosa, Professor, <i>Emeritus</i>	R	.....

22. Homer C. Schmitt, Professor.....	A60}	9 700
Artist in Residence.....	D40}	
23. Sherman Schoonmaker, Professor.....	A	12 000
24. Haskell O. Sexton, Professor.....	ZA75	7 725
(Total Salary)		(10 200)
25. Soulima Stravinsky, Professor.....	A	12 300
26. Robert H. Swenson, Professor.....	A60}	9 900
Artist in Residence.....	D40}	
27. Paul Ulanowsky, Professor.....	A50	7 200
28. Edith M. Ustry, Professor, <i>Emerita</i>	R	
29. Gilbert R. Waller, Professor.....	ZA50	5 125
(Total Salary)		(10 250)
30. Jane C. Watt, Professor.....	A	10 800
31. Grace E. Wilson, Professor.....	A	10 000
(On leave with pay second semester 1961-62)		
32. Velma K. Wilson, Professor.....	ZA67	6 845
(Total Salary)		(10 250)
33. Ludwig Zirner, Professor.....	A	10 900
34. Guy M. Duker, Associate Professor.....	ZA33	3 000
(Total Salary)		(10 400)
35. Beth B. Eisner, Associate Professor, <i>Emerita</i>	R	
36. Peter S. Farrell, Associate Professor.....	A	8 200
(On leave with pay second semester 1961-62)		
37. Lejaren A. Hiller, Jr., Associate Professor.....	A	8 400
(On leave with pay first semester 1961-62)		
38. George H. Hunter, Associate Professor.....	A	9 200
39. King Kellogg, Associate Professor.....	A	9 000
40. J. Robert Kelly, Associate Professor.....	A	9 400
41. Colleen J. Kirk, Associate Professor.....	ZA33	2 875
(Total Salary)		(8 600)
42. Everett D. Kisinger, Associate Professor.....	ZA33	3 335
(Total Salary)		(10 100)
43. A. J. McDowell, Associate Professor.....	A	9 100
44. William H. Miller, Associate Professor.....	A	8 300
45. John Paul Painter, Associate Professor.....	A	8 200
46. Alexander L. Ringer, Associate Professor.....	A	11 000
47. James Louis Bailey, Assistant Professor.....	B	7 800
48. Edward S. Berry, Jr., Assistant Professor.....	B	6 800
49. Dorothy E. Clark, Assistant Professor.....	B	7 350
50. Willis R. Coggins, Assistant Professor.....	B	7 500
51. Charles O. DeLaney, Assistant Professor.....	B	8 300
52. L. Thomas Fredrickson, Assistant Professor.....	B	7 500
53. Robert E. Gray, Assistant Professor.....	B	8 000
54. Thomas L. Holden, Assistant Professor.....	B	7 900
55. Ben B. Johnston, Jr., Assistant Professor.....	B	7 400
56. C. J. Kleinsteinuber, Assistant Professor.....	B	7 600
57. Edward J. Krolick, Assistant Professor.....	B	7 000
58. David A. Ledet, Assistant Professor.....	D	6 700
59. Miles H. Mauney, Assistant Professor.....	B	7 000
60. Jack H. McKenzie, Assistant Professor.....	ZB75	5 595
(Total Salary)		(7 400)
61. Joan M. Moynagh, Assistant Professor.....	D	7 900
62. Daniel J. Perrino, Assistant Professor.....	ZDY	
63. Dean W. Sanders, Assistant Professor.....	B	7 300
64. F. Mark Siebert, Assistant Professor.....	B	7 200
65. Robert B. Smith, Assistant Professor.....	ZB50	3 450
(Total Salary)		(6 900)
66. Raymond E. Williams, Assistant Professor.....	ZB33	2 540
(Total Salary)		(7 650)
67. Kathryn J. Sutherland, Associate, <i>Emerita</i>	R	
68. James L. Campbell, Instructor.....	D	5 400
69. Eric L. Dalheim, Instructor.....	D	4 900

70. Kenneth L. Gaburo, Instructor.....	D	7 350
71. James B. Lyke, Instructor.....	D	6 500
72. George R. Mathis, Instructor.....	D	6 800
73. Stella Percival, Instructor, <i>Emerita</i>	R	.....
74. Marilyn R. Pfederer, Instructor.....	ZD83	5 480
(Total Salary)		(6 600)
75. Martin Picker, Instructor.....	D	6 200
76. Bennett Reimer, Instructor.....	ZD50	3 500
(Total Salary)		(7 000)
77. Alan R. Thomas, Instructor.....	ZD67	4 660
(Total Salary)		(6 990)
78. _____, Instructor	D	6 500
79. Hunter Johnson, Visiting Composer.....	E	(8 600)
(Paid from item 17 first semester and item 4 second semester)		
80. Evelyn Reynolds, Visiting Artist.....	E67	6 000
81. 11.50 Full Time Equivalent Assistants.....	E	46 500
Nonacademic Salaries		50 940
<i>Total, Salaries</i>		(716 810)
Wages.....		4 200
Expense		28 500
Equipment		20 000
<i>Total, Wages, Expense, and Equipment</i>		(52 700)
<i>Total, School of Music</i>		\$769 510

Music Revolving

Account Number 12-24-25-170

Expense	\$ 1 200
<i>Total, Music Revolving</i>	\$ 1 200

Music Records Revolving

Account Number 12-24-25-172

Expense	\$ 1 300
<i>Total, Music Revolving</i>	\$ 1 300

Scholarships

Account Number 00-24-26-880

Expense, Orchestra	\$ 5 000
<i>Total, Scholarships</i>	\$ 5 000

University of Illinois Bands

Account Number 00-24-35-100

1. Mark H. Hindsley, Director.....	ZBY67	\$ 10 660
(Total Salary)		(15 000)
2. Haskell O. Sexton, Professor.....	ZA25	2 475
(Total Salary)		(10 200)
3. Guy M. Duker, Assistant to Director.....	ZBY67	7 400
(Total Salary)		(10 400)
4. Everett D. Kisinger, Assistant Director.....	ZB67	6 765
(Total Salary)		(10 100)
5. Jack H. McKenzie, Assistant Professor.....	ZB25	1 805
(Total Salary)		(7 400)
6. 1.00 Full Time Equivalent Assistants.....	E	4 000
Nonacademic Salaries		9 140
<i>Total, Salaries</i>		(42 245)
Wages.....		3 700
Expense		9 300
Equipment		6 000
<i>Total, Wages, Expense, and Equipment</i>		(19 000)
<i>Total, University of Illinois Bands</i>		\$ 61 245

University of Illinois Bonds Revolving

Account Number 12-24-35-170

Expense	\$ 5 000
<i>Total, University of Illinois Bonds Revolving.....</i>	<i>\$ 5 000</i>

Band Scholarship and Commencement Expense

Account Number 00-24-36-880

Expense	\$ 6 000
<i>Total, Band Scholarship and Commencement Expense</i>	<i>\$ 6 000</i>

Small Homes Council - Building Research Council

Account Number 00-24-50-300

1. Rudard A. Jones, Director.....	ZBY	\$ 15 800
2. William H. Kapple, Research Associate Professor of Architecture.....	ZAY	9 850
3. Donald E. Brotherson, Research Assistant Professor of Architecture.....	ZBY	9 900
4. Donald H. Percival, Research Assistant Professor of Wood Technology and Utilization, in Forestry.....	ZBY	8 600
5. Henry R. Spies, Editor with rank of Assistant Professor	BY	9 200
6. 0.12 Full Time Equivalent Assistants.....	E	600
Nonacademic Salaries		20 370
<i>Total, Salaries</i>		<i>(74 320)</i>
Wages.....		1 500
Expense		6 000
Equipment		1 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(8 500)</i>
<i>Total, Small Homes Council - Building Research Council.....</i>		<i>\$ 82 820</i>

Small Homes Council Testing Revolving

Account Number 12-24-50-382

Expense	\$ 200
<i>Total, Small Homes Council Testing Revolving.....</i>	<i>\$ 200</i>

Small Homes Council Publications Revolving

Account Number 12-24-50-466

Nonacademic Salaries	\$ 3 180
<i>Total, Salaries</i>	<i>(3 180)</i>
Wages.....	5 500
Expense	35 800
Equipment	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(42 300)</i>
<i>Total, Small Homes Council Publications Revolving..</i>	<i>\$ 45 480</i>

Krannert Art Museum

Account Number 00-24-80-100

1. C. V. Donovan, Director.....	ZA50	\$ 7 350
(Total Salary)		(14 700)
2. Thomas H. Garver, Assistant to Director.....	ZDY	7 400
3. 50 Full Time Equivalent Assistants.....	E	2 000
Nonacademic Salaries		8 710
<i>Total, Salaries</i>		<i>(25 460)</i>
Expense and Equipment.....		3 300
Exhibits and Lectures.....		5 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(8 300)</i>
<i>Total, Krannert Art Museum.....</i>		<i>\$ 33 760</i>

GRADUATE COLLEGE

General		Wages, Expense, and Equipment	
	Salaries		Total
<i>Instruction</i>			
Administration.....	\$118 190	\$ 20 870	\$ 139 060
Center for Advanced Study.....	51 070	.....	51 070
<i>Total, Instruction.....</i>	<i>(169 260)</i>	<i>(20 870)</i>	<i>(190 130)</i>
<i>Organized Research</i>			
Special Fund.....	36 080	.....	36 080
Research.....	104 000	56 000	160 000
Digital Computer Laboratory.....	239 346	75 000	314 346
Electron Microscope Laboratory.....	10 200	.....	10 200
Illinois Historical Survey.....	11 000	1 200	12 200
Natural Areas and Uncultivated Lands.....	5 325	900	6 225
Physical Environment Unit.....	8 336	4 250	12 586
Radiocarbon Laboratory.....	24 440	17 500	41 940
General Publications.....	.....	54 500	54 500
<i>Total, Organized Research.....</i>	<i>(438 727)</i>	<i>(209 350)</i>	<i>(648 077)</i>
<i>Student Aid</i>			
Fellowships.....	.....	262 500	262 500
<i>Total, General.....</i>	<i>\$607 987</i>	<i>\$492 720</i>	<i>\$1 100 707</i>

Restricted

	Salaries	Wages, Expense, and Equipment	
			Total
<i>Instruction</i>			
Thesis and Microfilm Revolving.....	.....	\$ 8 000	\$ 8 000
Estimated Indirect Costs.....	\$ 3 000	5 000	8 000
<i>Total, Instruction.....</i>	<i>(3 000)</i>	<i>(13 000)</i>	<i>(16 000)</i>
<i>Organized Research</i>			
Estimated Indirect Costs.....	92 000	263 000	355 000
Estimated Private Gifts.....	32 800	17 200	50 000
Estimated U.S. Contracts.....	347 000	357 000	704 000
<i>Total, Organized Research.....</i>	<i>(471 800)</i>	<i>(637 200)</i>	<i>(1 109 000)</i>
<i>Total, Restricted.....</i>	<i>\$474 800</i>	<i>\$650 200</i>	<i>\$1 125 000</i>

Administration

Account Number 00-26-01-100			
1. F. T. Wall, Dean.....	ZBY80	\$ 19 200	
(Total Salary).....			(24 000)
2. R. D. Carmichael, Dean, <i>Emeritus</i>	ZR	.....
3. Ivan D. Steiner, Associate Dean.....	ZBY50	6 600	
(Total Salary).....			(12 000)
4. H. R. Snyder, Associate Dean.....	ZB50	8 200	
(Total Salary).....			(16 400)
5. Robert M. Sutton, Associate Dean.....	ZBY73	9 750	
(Total Salary).....			(13 200)
(Includes full time in the summer)			
6. Robert A. Schuiteman, Director of Office of Foreign Student Affairs.....	ZDY50	5 100	
(Total Salary).....			(10 200)
7. Helen M. Hay, Assistant to Dean.....	DY	10 200	
Nonacademic Salaries.....		59 140	
<i>Total, Salaries.....</i>			<i>(118 190)</i>
Wages.....		1 520	
Expense.....		14 750	
Contingent.....		3 000	
Convention Travel.....		600	
Equipment.....		1 000	
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(20 870)</i>	
<i>Total, Administration.....</i>			<i>\$139 060</i>

Thesis and Microfilm Deposits Revolving

Account Number 12-26-01-132

Expense	\$ 8 000
<i>Total, Thesis and Microfilm Deposits Revolving.....</i>	<i>\$ 8 000</i>

Radiation Hazards Workmen's Compensation

Account Number 44-26-01-316

1. Jerome J. Steerman, University Health Physicist with rank of Instructor.....	DY	\$ 9 600
2. Paul R. Hesselmann, Assistant Health Physicist.....	DY	7 600
3. 1.00 Full Time Equivalent Assistants.....	DY	5 000
<i>Total, Salaries</i>		<i>(22 200)</i>
Expense		7 500
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(7 500)</i>
<i>Total, Radiation Hazards Workmen's Compensation...</i>		<i>\$ 29 700</i>

Special Fund

Account Number 00-26-05-300

1. Dallas W. Smythe, Research Professor of Communications.....	ZA50	\$ 6 500
(Total Salary)		(13 000)
2. Paul J. Gans, Research Associate in Chemistry.....	DY	6 600
3. Fumiyuki Maeda, Research Associate in Mathematics...	D	5 800
4. Stanley B. Windwer, Research Associate in Chemistry...	DY	7 000
5. 1.00 Full Time Equivalent Assistants.....	E	4 000
Nonacademic Salaries		6 180
<i>Total, Salaries</i>		<i>(36 080)</i>
<i>Total, Special Fund.....</i>		<i>\$ 36 080</i>

Indirect Costs — Special Graduate Fund

Account Number 41-26-05-300

1. Noboru Ito, Visiting Professor of Mathematics.....	ZD30	\$ 3 000
(Total Salary)		(10 000)

Research Unassigned

Account Number 00-26-10-390

1. 26.00 Full Time Equivalent Assistants.....	G	\$104 000
<i>Total, Salaries</i>		<i>(104 000)</i>
Wages, Unassigned		20 000
Expense, Unassigned		20 000
Equipment, Unassigned		16 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(56 000)</i>
<i>Total, Research Unassigned.....</i>		<i>\$160 000</i>

Digital Computer Laboratory

Account Number 00-26-15-300

1. A. H. Taub, Research Professor of Applied Mathematics and Head of Laboratory.....	ZA	\$ 21 700
2. David E. Muller, Research Professor of Applied Mathematics.....	ZA	14 500
(On leave with one-half pay 1961-62)		
3. John R. Pasta, Research Professor of Physics.....	ZAY	15 500
4. James E. Robertson, Research Professor of Electrical Engineering.....	ZA	15 600
5. James N. Snyder, Research Professor of Physics.....	ZA	14 800
6. Lloyd D. Fosdick, Research Associate Professor of Physics.....	ZA	10 300
7. Donald B. Gillies, Research Associate Professor of Applied Mathematics	ZA	10 600
8. Bruce H. McCormick, Research Associate Professor...	ZA	10 800
9. Wolfgang Poppelbaum, Research Associate Professor of Electrical Engineering.....	ZA	10 800

10. Gernot A. Metze, Research Assistant Professor of Electrical Engineering	ZBY	9 300
11. ———, Assistant Professor.....	B	8 000
12. ———, Assistant Professor.....	B	8 000
13. Kern W. Dickman, Research Associate.....	D	7 500
14. 2.00 Full Time Equivalent Assistants.....	E	8 000
15. 1.00 Full Time Equivalent Assistants.....	DY	5 150
Nonacademic Salaries		68 796
<i>Total, Salaries</i>		(239 346)
Wages.....		4 700
Expense		17 500
Expense, 650 Computer.....		37 800
Equipment		15 000
<i>Total, Wages, Expense, and Equipment</i>		(75 000)
<i>Total, Digital Computer Laboratory</i>		\$314 346

650 Service

Account Number 09-26-15-978

1. Jacqueline W. Flenner, Research Assistant.....	E	\$ 4 200
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Indirect Costs — Digital Computer 650 Rental

Account Number 40-26-15-315

Expense.....		\$ 15 000
<i>Total, Indirect Costs — Digital Computer 650 Rental..</i>		\$ 15 000

Indirect Costs — Digital Computer Laboratory — Taub

Account Number 41-26-15-382

1. T. A. Murrell, Associate Professor of Electrical Engineering	ZA50	\$ 4 900
(Total Salary)		(9 800)
2. H. C. Brearley, Jr., Research Assistant Professor.....	ZBY	11 800
3. Hideo Aiso, Research Assistant.....	E	4 400
4. Michael Faiman, Research Assistant.....	E	5 200
<i>Total, Indirect Costs — Digital Computer Laboratory — Taub</i>		\$ 26 300

Cooperative Investigations

U.S. ATOMIC ENERGY COMMISSION 415

Account Number 46-26-15-303

1. P. V. Suryanarayana Rao, Research Associate.....	D	\$ 6 500
2. C. S. Wallace, Research Associate.....	DY	8 800
3. Myron Melman, Research Assistant.....	DY	8 250
4. John O. Penhollow, Research Assistant.....	E	6 500
5. Sylvian R. Ray, Research Assistant.....	E	6 670
6. Robert E. Swartwout, Research Assistant.....	E	7 700
<i>Total, U.S. Atomic Energy Commission 415</i>		\$ 44 420

Electron Microscope Laboratory

Account Number 00-26-18-300

1. Rubin Borasky, Electron Micrographer.....	DY	\$ 10 200
<i>Total, Electron Microscope Laboratory</i>		\$ 10 200

Center for Advanced Study

Account Number 00-26-20-100

1. John Bardeen, Member.....	ZG	\$ 2 000
(Total Salary)		(23 000)
(Effective five years from September 1, 1959)		
2. J. L. Doob, Member.....	ZG	3 200
(Total Salary)		(21 700)
(Effective five years from September 1, 1959)		

3. R. C. Fuson, Member.....	ZG	3 200
(Total Salary)		(18 500)
(Effective five years from September 1, 1959)		
4. Julian H. Steward, Member.....	ZG	3 200
(Total Salary)		(18 000)
(Effective five years from September 1, 1959)		
5. Richard E. Downs, Research Associate in Anthropology	D	6 500
6. Frederic K. Lehman, Research Associate in Anthro-		
pology	D	6 500
7. Salaries, Unassigned		26 470
Total, Center for Advanced Study.....		\$ 51 070

Illinois Historical Survey

Account Number 00-26-25-300

1. Marguerite J. Pease, Director with rank of Assistant Professor	D50	\$ 4 300
2. 1.00 Full Time Equivalent Assistants	DY	5 200
Nonacademic Salaries		1 500
Total, Salaries		(11 000)
Wages		450
Expense		550
Equipment		200
Total, Wages, Expense, and Equipment.....		(1 200)
Total, Illinois Historical Survey.....		\$ 12 200

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION — SCIENTIFIC RESEARCH

Account Number 46-26-01-357

1. Zbigniew Ciesielski, Visiting Research Associate in Mathematics	E	\$ 5 000
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Natural Areas and Uncultivated Land

Account Number 00-26-33-300

Nonacademic Salaries	\$ 5 325
Expense	900
Total, Natural Areas and Uncultivated Land.....	\$ 6 225

Physical Environment Unit

Account Number 00-26-35-300

1. M. K. Fahnestock, Chairman.....	ZDY	.....
Nonacademic Salaries		\$ 8 336
Total, Salaries		(8 336)
Expense		2 250
Equipment		2 000
Total, Wages, Expense, and Equipment.....		(4 250)
Total, Physical Environment Unit.....		\$ 12 586

Radiocarbon Laboratory

Account Number 00-26-40-300

1. Robert F. Nystrom, Professor of Chemistry.....	AY	\$ 12 500
2. George Wolf, Associate Professor of Animal Nutrition	ZA	8 200
3. 0.50 Full Time Equivalent Assistants.....	E	2 000
Nonacademic Salaries		1 740
Total, Salaries		(24 440)
Wages		1 800
Expense		12 500
Equipment		3 200
Total, Wages, Expense, and Equipment.....		(17 500)
Total, Radiocarbon Laboratory.....		\$ 41 940

General Publications

Account Number 00-26-50-332	
Expense, Illinois Studies.....	\$ 13 100
Expense, Journal of English and Germanic Philology.....	4 200
Expense, General Publications.....	5 700
Expense, Scholarly Publications.....	31 500
<i>Total, General Publications.....</i>	<i>\$ 54 500</i>

Fellowships

Account Number 00-26-65-880	
Stipends of Fellows.....	\$262 500
<i>Total, Fellowships</i>	<i>\$262 500</i>

State Natural History Survey**Cooperative Investigations**

U.S. NATIONAL SCIENCE FOUNDATION G14985

Account Number 46-26-82-357

1. John M. Kingsolver, Research Associate.....	DY	\$ 6 600
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U.S. PUBLIC HEALTH SERVICE E1349

Account Number 46-26-82-368

1. Bobbie J. Verts, Research Associate.....	DY	\$ 6 240
2. Pillarisetty J. Rao, Instructor.....	DY60	4 600
<i>Total, U.S. Public Health Service E1349.....</i>		<i>\$ 10 840</i>

STATE OF ILLINOIS DEPARTMENT OF CONSERVATION —
WILDLIFE STUDIES

Account Number 47-26-82-313

1. Jack A. Ellis, Research Associate.....	DY	\$ 6 900
2. Rexford D. Lord, Jr., Research Associate.....	DY	8 040
3. William L. Anderson, Project Assistant.....	DY	4 200
4. David A. Casteel, Project Assistant.....	DY	4 200
5. Ralph J. Ellis, Research Associate.....	DY	6 240
6. James A. Harper, Project Assistant.....	DY	5 280

*Total, State of Illinois Department of Conservation —
Wildlife Studies* \$ 34 860

State Water Survey**Cooperative Investigations**

U.S. AIR FORCE 4940

Account Number 46-26-84-306

1. Wayne E. Bradley, Research Assistant.....	FY	\$ 6 000
(Effective July 1, 1961)		
2. Kenneth E. Wilk, Research Assistant.....	FY	8 100
(Effective July 1, 1961)		
<i>Total, U.S. Air Force 4940.....</i>		<i>\$ 14 100</i>

U.S. ARMY SIGNAL CORPS 75055

Account Number 46-26-84-312

1. Eugene A. Mueller, Research Associate.....	FY	\$ 10 300
(Effective July 1, 1961)		
2. Miyuki Fujiwara, Research Assistant.....	FY	6 000
(Effective July 1, 1961)		
3. Robert M. Johnson, Research Assistant.....	FY	7 600
(Effective July 1, 1961)		
<i>Total, U.S. Army Signal Corps 75055.....</i>		<i>\$ 23 900</i>

U.S. PUBLIC HEALTH SERVICE G4007

Account Number 46-26-84-366

1. Donal E. Etter, Research Assistant.....	FY	\$ 6 000
(Effective July 1, 1961)		

COLLEGE OF JOURNALISM AND COMMUNICATIONS

General		Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Administration.....	\$ 41 545	\$19 400	\$ 60 945
Advertising.....	55 150	.....	55 150
Journalism.....	96 465	.....	96 465
Radio and Television.....	44 500	.....	44 500
<i>Total, Instruction.....</i>	<i>(237 660)</i>	<i>(19 400)</i>	<i>(257 060)</i>
<i>Organized Research</i>			
Institute of Communications Research.....	66 135	3 130	69 265
<i>Extension and Public Services</i>			
<i>Broadcasting</i>			
Administration.....	14 900	1 000	15 900
Radio Station.....	108 939	47 300	156 239
Television-Motion Pictures.....	105 921	57 500	163 421
<i>Total, Extension and Public Services.....</i>	<i>(229 760)</i>	<i>(105 800)</i>	<i>(335 560)</i>
<i>Total, General.....</i>	<i>\$533 555</i>	<i>\$128 330</i>	<i>\$661 885</i>

Restricted		Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Estimated Private Gifts.....	\$12 500	\$ 7 500	\$ 20 000
<i>Organized Research</i>			
Estimated Indirect Costs.....	.....	2 000	2 000
Estimated Private Gifts.....	2 000	2 000	4 000
Estimated U.S. Contracts.....	19 000	6 000	25 000
<i>Total, Organized Research.....</i>	<i>(21 000)</i>	<i>(10 000)</i>	<i>(31 000)</i>
<i>Extension and Public Services</i>			
Estimated Private Gifts.....	26 800	38 200	65 000
<i>Total, Restricted.....</i>	<i>\$ 60 300</i>	<i>\$55 700</i>	<i>\$116 000</i>

Administration

Account Number 00-28-01-100		
1. Theodore B. Peterson, Dean.....	ZBY	\$ 17 500
2. John H. Schacht, Assistant to Dean.....	ZBY75	7 725
(Total Salary).....		(10 300)
Nonacademic Salaries.....		16 320
<i>Total, Salaries.....</i>		<i>(41 545)</i>
Wages.....		950
Expense.....		11 500
Contingent.....		4 000
Convention Travel.....		1 000
Nonrecurring Unassigned.....		(1 000)
Equipment.....		1 950
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(19 400)</i>
<i>Total, Administration.....</i>		<i>\$ 60 945</i>

Advertising

Account Number 00-28-03-100		
1. C. H. Sandage, Professor and Head of Department....	A	\$ 15 850
2. Leslie W. McClure, Professor.....	A	10 850
3. James E. Moyer, Associate Professor.....	A	10 500
4. Hugh W. Sargent, Associate Professor.....	A	8 950
5. James W. Carey, Instructor.....	D	6 000
6. 0.75 Full Time Equivalent Assistants.....	E	3 000
<i>Total, Advertising.....</i>		<i>\$ 55 150</i>

Journalism

Account Number 00-28-10-100		
1. Jay W. Jensen, Associate Professor and Head of Department.....	A	\$ 13 000

2. R. R. Barlow, Professor.....	A	10 500
3. Charles E. Flynn, Professor.....	ZAY	.....
4. L. W. Murphy, Professor.....	A	10 800
5. Theodore B. Peterson, Professor.....	ZAY	.....
6. Donald E. Brown, Associate Professor.....	A	10 200
7. George Gerbner, Associate Professor.....	ZAY50	5 400
(Total Salary)		(10 800)
8. Josef F. Wright, Associate Professor, <i>Emeritus</i>	ZR	.....
9. Glenn Hanson, Assistant Professor.....	B	9 650
10. Richard L. Hildwein, Assistant Professor.....	B	8 800
11. Edwin B. Parker, Assistant Professor.....	ZB25	1 940
(Total Salary)		(7 760)
12. John W. Reidy, Assistant Professor.....	B	8 400
13. John H. Schacht, Assistant Professor.....	ZBY25	2 575
(Total Salary)		(10 300)
14. Arthur E. Strang, Assistant Professor.....	B50	4 500
15. William W. Alfeld, Instructor.....	D75	4 800
16. Jon F. Greeneisen, Instructor.....	ZDY	.....
17. _____, Instructor	D	5 900
<i>Total, Journalism</i>		\$ 96 465

Radio and Television

Account Number 00-28-15-100

1. Hubert V. Cordier, Associate Professor and Head of Department	A	\$ 10 600
2. F. E. Schooley, Associate Professor.....	ZAY20	3 110
(Total Salary)		(15 550)
3. Harry J. Skornia, Associate Professor.....	A	13 000
4. Webster L. Smalley, Assistant Professor.....	ZB15	1 080
(Total Salary)		(7 200)
5. John E. Cramer, Instructor.....	ZD50	3 960
(Total Salary)		(8 800)
6. Richard G. Lawson, Instructor.....	D75	4 070
7. Henry W. Lippold, Jr., Instructor.....	ZDY50	4 300
(Total Salary)		(8 600)
8. John A. Regnell, Instructor.....	D25	2 080
(Total Salary)		(9 000)
(Also nonacademic)		
9. 0.50 Full Time Equivalent Assistants.....	E	2 300
<i>Total, Radio and Television</i>		\$ 44 500

Institute of Communications Research

Account Number 00-28-20-300

1. Charles E. Osgood, Director.....	ZDY73}	\$ 12 200
Research Professor	AY }	
(Total Salary)		(16 750)
2. Dallas W. Smythe, Research Professor.....	ZA50	6 500
(Total Salary)		(13 000)
3. George Gerbner, Research Associate Professor.....	ZAY50	5 400
(Total Salary)		(10 800)
4. Robert B. Lees, Research Associate Professor.....	ZA33	3 500
(Total Salary)		(10 500)
5. Howard S. Maclay, Research Associate Professor.....	AY	10 200
6. _____, Research Associate Professor.....	ZAY30	2 475
(Total Salary)		(8 250)
7. Herbert Hamilton, Research Assistant Professor.....	ZB75	5 400
(Total Salary)		(7 200)
8. Edwin B. Parker, Research Assistant Professor.....	ZB75	5 820
(Total Salary)		(7 760)
9. _____, Research Associate.....	ZB67	4 500
(Total Salary)		(6 750)
10. 1.50 Full Time Equivalent Assistants.....	E	6 000

Nonacademic Salaries	4 140
<i>Total, Salaries</i>	(66 135)
Wages.....	630
Expense.....	2 300
Equipment	200
<i>Total, Wages, Expense, and Equipment</i>	(3 130)
<i>Total, Institute of Communications Research</i>	\$ 69 265

Broadcasting**Administration**

Account Number 00-28-21-400

1. F. E. Schooley, Director of Broadcasting and Manager of Radio and Television Stations.....	ZBY80	\$ 12 440
(Total Salary)		(15 550)
Nonacademic Salaries		2 460
<i>Total, Salaries</i>		(14 900)
Expense		1 000
<i>Total, Administration</i>		\$ 15 900

Radio Station

Account Number 00-28-25-400

1. John E. Cramer, News Supervisor.....	ZDY50	\$ 4 840
(Total Salary)		(8 800)
Nonacademic Salaries		104 099
<i>Total, Salaries</i>		(108 939)
Wages.....		6 300
Expense, General		36 000
Equipment		5 000
<i>Total, Wages, Expense, and Equipment</i>		(47 300)
<i>Total, Radio Station</i>		\$156 239

Television-Motion Pictures

Account Number 00-28-28-400

1. Jack M. Crannell, Assistant Manager of Television Station and Supervisor of Television-Motion Pictures with rank of Assistant Professor.....	ZDY50	\$ 5 300
(Total Salary)		(10 600)
2. Henry W. Lippold, Jr., Supervisor of Television News.....	ZDY50	4 300
(Total Salary)		(8 600)
3. Lewis V. Peterson, Producer-Supervisor of Television-Motion Pictures	DY	9 900
Nonacademic Salaries		86 421
<i>Total, Salaries</i>		(105 921)
Wages.....		3 000
Expense		52 000
Expense, nonrecurring		(5 850)
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(57 500)
<i>Total, Television-Motion Pictures</i>		\$163 421

COLLEGE OF LAW**General**

	Salaries	Wages, Expense, and Equipment	Total
Instruction			
College of Law.....	\$325 600	\$15 600	\$341 200
Student Aid			
Scholarships.....		4 600	4 600
<i>Total, General</i>	\$325 600	\$20 200	\$345 800

	Restricted	Wages, Ex- pense, and Equipment	Total
<i>Extension and Public Services</i>	<i>Salaries</i>		
Law Forum Revolving .....	.....	\$13 000	\$ 13 000
<i>Total, Restricted</i> .....	.....	\$13 000	\$ 13 000

Law

Account Number 00-30-10-100			
1. Russell N. Sullivan, Dean.....	BY}	\$ 23 000	
Professor.....	AY}		
2. Albert J. Harno, Dean and Professor, <i>Emeritus</i>	R		
3. John W. Metzger, Assistant Dean and Assistant Pro- fessor	BY	11 700	
4. C. H. Bowman, Professor.....	A	14 200	
5. William E. Britton, Professor, <i>Emeritus</i>	R		
6. Kenneth S. Carlston, Professor.....	A	15 500	
7. Edward W. Cleary, Professor.....	A	20 300	
8. Rubin G. Cohn, Professor.....	A	18 000	
(Includes service to University Retirement System)			
9. John E. Cribbet, Professor.....	A	19 000	
10. Wylie H. Davis, Professor.....	A	15 500	
11. R. W. Fleming, Professor.....	A	18 000	
(On leave with pay second semester 1961-62)			
12. George T. Frampton, Professor.....	A	15 200	
13. George W. Goble, Professor, <i>Emeritus</i>	R		
14. William D. Hawkland, Professor.....	A	15 500	
15. Harold W. Holt, Professor.....	A	15 200	
16. Ralph F. Lesemann, Professor.....	ZAY		
17. M. I. Schnebly, Professor, <i>Emeritus</i>	R		
18. Eugene F. Scoles, Professor.....	A	17 000	
19. Victor J. Stone, Professor.....	A	12 600	
20. Walter L. Summers, Professor, <i>Emeritus</i>	R		
21. J. G. Thomas, Professor.....	A33	4 000	
22. George B. Weisiger, Professor, <i>Emeritus</i>	R		
23. I. Nelson Young, Professor.....	A	19 000	
24. Wayne R. Lafave, Assistant Professor.....	B	10 500	
25. Dennis M. O'Connor, Assistant Professor.....	B	12 000	
26. _____, Associate Editor with rank of Instructor.	DY	6 000	
27. 1.80 Full Time Equivalent Assistants.....	E	12 000	
Nonacademic Salaries		31 400	
<i>Total, Salaries</i>		(325 600)	
Wages.....		800	
Expense		12 800	
Convention Travel		1 000	
Equipment		1 000	
<i>Total, Wages, Expense, and Equipment</i>		(15 600)	
<i>Total, Law</i>		\$341 200	

Law Scholarships

Account Number 00-30-11-880		
Expense, Law Scholarships.....		\$ 2 500
Expense, Law Fellowships.....		2 100
<i>Total, Law Scholarships</i>		\$ 4 600

Law Forum Revolving

Account Number 12-30-10-444		
Expense		\$ 13 000
<i>Total, Law Forum Revolving</i>		\$ 13 000

COLLEGE OF LIBERAL ARTS AND SCIENCES

General		Wages, Ex- pense, and Equipment	
<i>Instruction</i>	<i>Salaries</i>		<i>Total</i>
Administration.....	\$ 288 766	\$ 61 635	\$ 350 401
Contingent.....		35 000	35 000
Anthropology.....	100 370	6 530	106 900
Astronomy.....	65 340	2 865	68 205
Botany.....	283 322	37 650	320 972
Chemistry and Chemical Engineering.....	1 135 223	355 740	1 490 963
Classics.....	73 400	1 710	75 110
English.....	1 142 154	21 080	1 163 234
<i>Printing Accent.....</i>		1 600	1 600
Entomology.....	97 300	9 650	106 950
French.....	249 100	4 025	253 125
Division of General Studies.....	192 785	7 530	200 315
Geography.....	147 700	11 310	159 010
Geology.....	252 775	48 780	301 555
German.....	184 650	2 800	187 450
History.....	293 880	3 895	297 775
Life Sciences.....	67 134	3 000	70 134
Natural History Museum.....		7 370	7 370
Mathematics.....	860 155	12 120	872 275
Microbiology.....	181 165	39 100	220 265
Philosophy.....	155 555	2 800	158 355
Physiology.....	230 380	43 230	273 610
Political Science.....	193 765	3 310	197 075
Psychology.....	399 004	36 750	435 754
Russian.....	83 890	1 725	85 615
Sociology.....	159 085	4 420	163 505
Spanish and Italian.....	201 135	4 600	205 735
Speech and Theatre.....	413 990	16 873	430 863
Zoology.....	319 744	41 970	361 714
Classical Museum.....	4 540	4 550	9 090
<i>Total, General.....</i>	<i>\$7 776 307</i>	<i>\$833 618</i>	<i>\$8 609 925</i>

Restricted		Wages, Ex- pense, and Equipment	
<i>Instruction</i>	<i>Salaries</i>		<i>Total</i>
Speech Revolving.....		\$ 500	\$ 500
Estimated Endowment Income.....	\$ 16 000	2 000	18 000
Estimated Private Gifts.....	8 000	2 000	10 000
Estimated U.S. Contracts.....	71 000	19 500	90 500
<i>Total, Instruction.....</i>	<i>(95 000)</i>	<i>(24 000)</i>	<i>(119 000)</i>
<i>Organized Research</i>			
Illinois Journal of Mathematics Revolving.....		3 500	3 500
Estimated Indirect Costs.....	9 000	76 000	85 000
Estimated Endowment Income.....		10 000	10 000
Estimated Private Gifts.....	210 000	90 000	300 000
Estimated U.S. Contracts.....	1 046 000	824 000	1 870 000
<i>Total, Organized Research.....</i>	<i>(1 265 000)</i>	<i>(1 003 500)</i>	<i>(2 268 500)</i>
<i>Total, Restricted.....</i>	<i>\$1 360 000</i>	<i>\$1 027 500</i>	<i>\$2 387 500</i>

Administration

Account Number 00-32-01-100			
1. Jack W. Peltason, Dean.....	ZBY	\$ 17 500	
2. O. A. Kubitz, Assistant Dean.....	ZDY75	8 175	
(Total Salary).....		(10 500)	
3. Gibbon Butler, Associate Dean.....	ZBY	14 700	
4. Frederick W. Cropp, Assistant Dean.....	ZD50	3 800	
(Total Salary).....		(7 600)	

5. Francis J. Koenig, Assistant Dean with rank of Assistant Professor	DY	11 700
6. 15.80 Full Time Equivalent Assistants.....	E	68 235
7. 0.50 Full Time Equivalent Assistants.....	DY	2 450
8. 15.00 Assistant Professors.....	B	117 696
Nonacademic Salaries		44 510
<i>Total, Salaries</i>		(288 766)
Wages.....		17 335
Expense, General		11 800
Expense, Language Laboratory.....		3 500
Contingent.....		20 000
Contingent, New Building.....		15 000
Expense, Latin American Studies.....		500
Convention Travel		26 000
Nonrecurring Unassigned		(8 000)
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(96 635)
<i>Total, Administration</i>		\$385 401

Cooperative Investigations

U.S. OFFICE OF EDUCATION SAE 8652

Account Number 46-32-01-162

1. Demitri B. Shimkin, Professor of Anthropology.....	ZA50	\$ 7 000
(Total Salary)		(14 000)
2. Mark G. Field, Associate Professor of Sociology.....	ZA50	6 500
(Total Salary)		(13 000)
3. Robert A. Karlowich, Bibliographer with rank of Instructor.....	DY	8 000
<i>Total, U.S. Office of Education SAE 8652</i>		\$ 21 500

Anthropology

Account Number 00-32-07-100

1. Joseph B. Casagrande, Professor and Head of Department.....	A	\$ 16 000
2. Oscar Lewis, Professor.....	A	13 500
3. John C. McGregor, Professor.....	A	12 200
4. Demitri B. Shimkin, Professor.....	ZA	.....
5. Julian H. Steward, Research Professor.....	ZA	14 800
(Total Salary)		(18 000)
6. Edward M. Bruner, Associate Professor.....	A	9 000
7. ———, Assistant Professor.....	B	7 000
8. Elaine A. Bluhm, Instructor.....	DY	7 000
9. Donald W. Lathrap, Instructor.....	D	7 200
10. 2.00 Full Time Equivalent Assistants.....	E	8 000
Nonacademic Salaries		5 670
<i>Total, Salaries</i>		(100 370)
Wages.....		530
Expense		5 500
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(6 530)
<i>Total, Anthropology</i>		\$106 900

Cooperative InvestigationsGRADUATE — NATIONAL SCIENCE FOUNDATION PROGRAM
IN ANTHROPOLOGY

Account Number 41-32-07-356

1. Charles J. Bareis, Research Associate in Anthropology. DY	\$ 6 500
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Astronomy

Account Number 00-32-10-100

1. George C. McVittie, Professor and Head of Department A (On leave with pay second semester 1961-62)	\$ 18 000
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2. R. H. Baker, Professor, <i>Emeritus</i>	R
3. George W. Swenson, Jr., Research Professor.....	ZA48	6 240
(Total Salary)		(13 000)
4. Stanley P. Wyatt, Jr., Professor.....	A	12 000
5. Ivan R. King, Associate Professor.....	A	8 450
6. Pierre Demarque, Assistant Professor.....	B	7 950
7. 2.50 Full Time Equivalent Assistants.....	E	10 000
Nonacademic Salaries		2 700
Total, Salaries		(65 340)
Expense		1 065
Equipment		1 800
Total, Wages, Expense, and Equipment.....		(2 865)
Total, Astronomy		\$ 68 205

Cooperative Investigations

U.S. OFFICE OF NAVAL RESEARCH 1834-22

Account Number 46-32-10-364

1. Yuen Tze Lo, Associate Professor of Electrical Engineering	ZDY33	\$ 4 125
(Total Salary)		(12 500)
Total, U.S. Office of Naval Research 1834-22.....		\$ 4 125

Botany

Account Number 00-32-16-100

1. Wilson N. Stewart, Professor.....	ZA81}	\$ 10 770
Chairman of Department.....	B }	
(Total Salary)		(13 300)
2. Lindsay M. Black, Professor.....	ZA	14 550
(On leave with one-half pay 1961-62)		
3. Harry J. Fuller, Professor.....	A	.....
(On disability leave without pay)		
4. C. F. Hottes, Professor, <i>Emeritus</i>	ZRA	.....
5. G. Neville Jones, Professor and Curator of Herbarium	A	12 300
6. John R. Laughnan, Professor.....	ZA	14 550
7. Eugene I. Rabinowitch, Research Professor.....	A	14 000
8. Donald P. Rogers, Professor and Curator of Mycological Collections	A	13 000
9. Herbert Stern, Professor.....	A	11 600
10. Arthur G. Vestal, Professor, <i>Emeritus</i>	R	.....
11. Lawrence C. Bliss, Associate Professor.....	A	8 450
12. Theodore Delevoryas, Associate Professor.....	A	9 300
13. Robert M. Kosanke, Associate Professor.....	DY10	1 150
14. James F. Nance, Associate Professor.....	A	10 300
15. Dale M. Smith, Associate Professor.....	A	8 500
16. Dale M. Steffensen, Associate Professor.....	A	12 000
17. ———, Associate Professor.....	A	10 900
18. Zane B. Carothers, Assistant Professor.....	B	7 450
19. Govindjee, Professor	ZB50	3 500
(Total Salary)		(7 000)
20. Dominick J. Paolillo, Assistant Professor.....	B	6 500
21. Tommy L. Phillips, Assistant Professor.....	ZB25	1 625
(Total Salary)		(6 500)
22. ———, Research Associate.....	DY	6 500
23. Sue A. Eckhardt, Research Assistant.....	DY	5 100
24. 12.50 Full Time Equivalent Assistants.....	E	51 300
Nonacademic Salaries		49 977
Total, Salaries		(283 322)
Wages.....		6 520
Expense		26 400
Equipment		4 730
Total, Wages, Expense, and Equipment.....		(37 650)
Total, Botany		\$320 972

Cooperative Investigations**U.S. NATIONAL SCIENCE FOUNDATION G15947**

Account Number 46-32-16-351

1. Yasuo Hotta, Research Associate.....	DY	\$ 6 300
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U.S. NATIONAL SCIENCE FOUNDATION G14239

Account Number 46-32-16-356

1. Govindjee, Assistant Professor.....	ZB50	\$ 3 500
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2. Carl N. Cederstrand, Research Assistant.....	DY	5 000
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<i>Total, U.S. National Science Foundation G14239.....</i>		<i>\$ 8 500</i>
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U.S. NATIONAL SCIENCE FOUNDATION G8819

Account Number 46-32-16-366

1. Giiti Tomita, Research Associate.....	DY	\$ 6 000
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U.S. PUBLIC HEALTH SERVICE E1013

Account Number 46-32-16-369

1. Ramesh C. Sinha, Research Associate.....	DY	\$ 6 300
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2. Robert F. Whitcomb, Research Associate.....	D	6 600
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<i>Total, U.S. Public Health Service E1013.....</i>		<i>\$ 12 900</i>
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Chemistry and Chemical Engineering

Account Number 00-32-19-100

1. H. E. Carter, Professor of Biochemistry and Head of Department.....	A	\$ 22 000
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(On leave with pay first semester 1961-62)

2. Roger Adams, Research Professor, <i>Emeritus</i>	R
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3. L. F. Audrieth, Professor, <i>Emeritus</i>	R
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4. John C. Bailar, Jr., Professor of Inorganic Chemistry..	A	16 400
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5. A. M. Buswell, Research Professor, <i>Emeritus</i>	R
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6. George L. Clark, Research Professor, <i>Emeritus</i>	R
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7. David Y. Curtin, Professor of Organic Chemistry....	A	14 000
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8. Harry G. Drickamer, Professor of Chemical Engineering and Physical Chemistry.....	ZA	19 000
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9. Duane T. Englis, Professor of Analytical Chemistry, <i>Emeritus</i>	R
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10. R. C. Fuson, Professor of Organic Chemistry.....	ZA	15 300
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(Total Salary) (18 500)

11. I. C. Gunsalus, Professor of Biochemistry.....	A	20 000
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12. H. S. Gutowsky, Professor of Physical Chemistry....	A	18 000
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13. H. F. Johnstone, Research Professor of Chemical Engineering.....	ZA50	7 000
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(Total Salary) (14 000)

14. H. A. Laitinen, Professor of Analytical Chemistry....	A}	18 300
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Acting Head of Department (first semester)..... }

(On leave with pay second semester 1961-62)

15. Nelson J. Leonard, Professor of Organic Chemistry...	A	17 500
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16. Howard V. Malmstadt, Professor of Analytical Chemistry.....	A	13 000
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17. Carl S. Marvel, Research Professor, <i>Emeritus</i>	R
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18. Therald Moeller, Professor of Inorganic Chemistry....	A	15 300
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19. Max S. Peters, Professor of Chemical Engineering....	ZA57	10 260
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(Total Salary) (18 000)

20. T. E. Phipps, Professor of Physical Chemistry.....	A	11 600
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21. W. C. Rose, Research Professor, <i>Emeritus</i>	R
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22. G. Frederick Smith, Professor, <i>Emeritus</i>	R
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23. H. R. Snyder, Research Professor of Organic Chemistry	ZA50	8 200
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(Total Salary) (16 400)

24. Carl S. Vestling, Professor of Biochemistry.....	A	15 000
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25. F. T. Wall, Research Professor of Physical Chemistry	ZA Y20	4 800
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(Total Salary) (24 000)

26. James W. Westwater, Professor of Chemical Engineering.....	ZA	11 000
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27. Peter E. Yankwich, Professor of Physical Chemistry...	A	12 500
28. Douglas E. Applequist, Associate Professor of Organic Chemistry.....	A	9 100
29. Virginia Bartow, Associate Professor of Inorganic Chemistry.....	A	8 400
30. Theodore L. Brown, Associate Professor of Inorganic Chemistry.....	A	8 400
31. Lowell P. Hager, Associate Professor of Biochemistry	A	9 800
32. Thomas J. Hanratty, Associate Professor of Chemical Engineering.....	ZA	10 200
33. Arnold M. Hartley, Associate Professor of Analytical Chemistry.....	A	8 200
34. J. Woodland Hastings, Associate Professor of Biochemistry.....	A	11 000
35. Richard S. Juvet, Associate Professor of Analytical Chemistry.....	A	8 200
36. Aron Kuppermann, Associate Professor of Physical Chemistry.....	A	9 200
37. K. L. Rinehart, Associate Professor of Organic Chemistry..... (On leave with pay second semester 1961-62)	A	9 100
38. William J. Rutter, Associate Professor of Biochemistry	A	11 000
39. Kensal E. Van Holde, Associate Professor of Physical Chemistry.....	A	9 400
40. ———, Associate Professor of Biochemistry.....	A	13 000
41. Eric Baer, Assistant Professor of Chemical Engineering	B	7 400
42. Robert B. Bates, Assistant Professor of Organic Chemistry.....	B	7 300
43. R. Linn Belford, Assistant Professor of Physical Chemistry.....	B	8 000
44. Edward F. Cavanaugh, Assistant Professor of Chemistry and Director of Laboratories.....	DY	12 000
45. Richard E. Dickerson, Assistant Professor of Physical Chemistry.....	B	7 400
46. Russell S. Drago, Assistant Professor of Inorganic Chemistry.....	B	8 100
47. Benjamin D. Hall, Assistant Professor of Physical Chemistry and Biochemistry.....	ZB50	4 100
(Total Salary)		(8 200)
48. John P. Hummel, Assistant Professor of Physical Chemistry.....	ZB50	4 300
(Total Salary)		(8 600)
49. Dean F. Martin, Assistant Professor of Inorganic Chemistry.....	B	6 900
50. James C. Martin, Assistant Professor of Organic Chemistry.....	B	8 200
51. Daniel D. Perlmutter, Assistant Professor of Chemical Engineering.....	ZB	8 200
52. Clarence E. Pfluger, Assistant Professor of Analytical Chemistry.....	B	7 000
53. Theron S. Piper, Assistant Professor of Inorganic Chemistry.....	B	8 000
54. John A. Quinn, Assistant Professor of Chemical Engineering	ZB	8 200
55. Larry K. Steinrauf, Assistant Professor of Physical Chemistry.....	ZD50	3 450
(Total Salary)		(6 900)
56. Finn Wold, Assistant Professor of Biochemistry.....	B	8 800
57. ———, Assistant Professor of Organic Chemistry	B	8 000
58. ———, Assistant Professor of Chemistry.....	B	6 500
59. Rosalie M. Parr, Associate, <i>Emerita</i>	RA	.....
60. ———, Research Associate in Chemistry.....	DY	6 100

61. _____, Research Associate in Chemistry.....	DY	6 300
62. _____, Research Associate in Chemistry.....	DY	6 100
63. Peter Beak, Instructor in Organic Chemistry.....	D	6 300
64. James L. Brownlee, Jr., Instructor in Analytical Chemistry.....	D	7 000
65. Willis H. Flygare, Instructor in Physical Chemistry...	D	6 300
66. Leon F. Goodyear, Instructor in Glass Blowing.....	DY5	400
(Total Salary)		(8 700)
(Also nonacademic)		
67. Jack G. Kay, Instructor in Inorganic Chemistry.....	D	6 800
68. Donald H. Secrest, Instructor in Chemistry.....	DY	8 000
69. Stanley G. Smith, Instructor in Organic Chemistry....	D	7 000
70. _____, Instructor in Inorganic Chemistry.....	D	6 200
71. Gary D. Callahan, Microanalyst.....	DY	4 900
72. Nancy V. Neilson, Spectroscopist.....	DY	4 900
73. Josef Nemeth, Microanalyst.....	DY	9 800
74. Oliver W. Norton, Spectroscopist.....	DY	7 500
75. _____, Microanalyst	DY	4 900
76. _____, Microanalyst	DY	4 900
77. _____, Spectroscopist	DY	5 900
78. 55.25 Full Time Equivalent Assistants.....	E	228 500
79. 1.00 Full Time Equivalent Assistants.....	DY	4 900
Nonacademic Salaries		266 513
Total, Salaries		(1 135 223)
Wages.....		7 740
Expense		288 000
Equipment		60 000
Total, Wages, Expense, and Equipment.....		(355 740)
Total, Chemistry and Chemical Engineering.....		\$1 490 963

Cooperative Investigations

CORN INDUSTRIES RESEARCH FOUNDATION -- STARCH COMPOUNDS

Account Number 44-32-19-313

1. Dean O. Skovlin, Research Associate in Chemistry.... DY \$ 6 600

E. I. DU PONT DE NEMOURS AND COMPANY -- FUNDAMENTAL RESEARCH

Account Number 44-32-19-321

1. T. Hadjiioannou, Research Associate in Chemistry..... DY \$ 6 000

U.S. AIR FORCE 7918

Account Number 46-32-19-303

1. Sigred B. Lanoux, Research Assistant in Chemistry.... DY \$ 5 500

2. Piero Nannelli, Research Assistant in Chemistry..... DY 5 500

Total, U.S. Air Force 7918..... \$11 000

U.S. ARMY ORDINANCE 2956

Account Number 46-32-19-317

1. Antonio F. Vandi, Research Associate in Chemistry.... DY \$ 6 600

U.S. ATOMIC ENERGY COMMISSION PROJECT 4

Account Number 46-32-19-320

1. Donald Barton, Visiting Research Assistant Professor of Chemistry DY | \$ 8 500 |

2. Gabriel Lapidus, Research Associate in Chemistry..... DY 6 200

Total, U.S. Atomic Energy Commission Project 4.... \$14 700

U.S. NATIONAL SCIENCE FOUNDATION G14121

Account Number 46-32-19-332

1. Takeo Sato, Research Associate in Chemistry..... FY \$ 5 700

(Effective October 1, 1961)

U.S. NATIONAL SCIENCE FOUNDATION G10001

Account Number 46-32-19-347

1. Gobinda L. Basu, Research Associate in Chemistry.... DY \$ 5 850

U.S. PUBLIC HEALTH SERVICE A3185

Account Number 46-32-20-371

1. Larry K. Steinrauf, Assistant Professor of Physical Chemistry.....	ZD50	\$ 3 450
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U.S. PUBLIC HEALTH SERVICE 1856

Account Number 46-32-20-376

1. Richard H. Nuenke, Research Associate in Chemistry..	DY	\$ 6 800
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U.S. PUBLIC HEALTH SERVICE 2G321

Account Number 46-32-20-383

1. Benjamin D. Hall, Assistant Professor of Physical Chemistry and Biochemistry.....	ZB50	\$ 4 100
2. John C. Harrington, Project Assistant with rank of Research Assistant in Chemistry.....	DY	7 250
Total, U.S. Public Health Service 2G321.....		\$ 11 350

U.S. PUBLIC HEALTH SERVICE C3986

Account Number 46-32-20-385

1. Rhoda Blostein, Research Associate in Chemistry.....	DY	\$ 5 500
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U.S. PUBLIC HEALTH SERVICE RG5829

Account Number 46-32-20-390

1. Bertold Muller, Research Associate in Chemistry.....	FY	\$ 5 760
(Effective October 16, 1961)		

Classics

Account Number 00-32-22-100

1. John L. Heller, Professor and Head of Department....	ZA	\$ 14 900
2. Revilo P. Oliver, Professor.....	A	11 300
3. B. E. Perry, Professor, <i>Emeritus</i>	R	.....
4. Alexander Turyn, Professor.....	A	14 000
5. ———, Professor.....	A	12 200
6. John J. Bateman, Assistant Professor.....	B	7 800
7. William P. Donovan, Assistant Professor.....	ZB33	2 260
(Total Salary).....		(6 800)
8. Mark Naumides, Instructor.....	D	5 800
9. 0.83 Full Time Equivalent Assistants.....	E	3 400
Nonacademic Salaries.....		1 740
Total, Salaries.....		73 400
Wages.....		210
Expense.....		1 300
Equipment.....		200
Total, Wages, Expense, and Equipment.....		(1 710)
Total, Classics.....		\$ 75 110

English

Account Number 00-32-25-100

1. Robert W. Rogers, Professor and Head of Department A		\$ 16 300
2. C. R. Anderson, Professor of Business English and Chairman of Business English.....	A	13 000
3. T. W. Baldwin, Professor, <i>Emeritus</i>	R	.....
4. Arthur E. Barker, Professor.....	A	17 100
5. Edward H. Davidson, Professor.....	A	14 500
6. Gwynne B. Evans, Professor.....	A	14 500
7. John T. Flanagan, Professor.....	A	14 400
8. H. F. Fletcher, Professor, <i>Emeritus</i>	R	.....
9. Royal A. Gettmann, Professor.....	A	15 700
10. Marcus S. Goldman, Professor.....	A	9 800
11. Bruce Harkness, Professor and Executive Secretary of Department.....	A	10 300
12. M. T. Herrick, Professor.....	ZA67	10 440
(Total Salary).....		(15 500)
13. Allan G. Holaday, Professor.....	A	11 100
14. Julius N. Hook, Professor.....	ZA55	6 900
(Total Salary).....		(12 600)

15. Robert E. Kaske, Professor.....	A	13 000
16. Murray Krieger, Professor.....	A	14 800
(On leave with one-half pay first semester and without pay second semester 1961-62)		
17. Paul N. Landis, Professor, <i>Emeritus</i>	R	.....
18. Henning Larsen, Professor, <i>Emeritus</i>	ZR	.....
19. B. A. Milligan, Professor.....	A	12 800
20. Sherman Paul, Professor.....	A	14 300
21. C. W. Roberts, Professor.....	A	12 700
22. Charles H. Shattuck, Professor.....	A	11 400
(On leave with one-half pay 1961-62)		
23. Donald Smalley, Professor.....	A	14 300
24. Roland M. Smith, Professor.....	A	12 200
25. Harris W. Wilson, Professor and Chairman of Freshman Rhetoric	A	11 100
(On leave with one-half pay 1961-62)		
26. Daniel Curley, Associate Professor.....	A	8 100
27. Robert L. Haig, Associate Professor.....	A	8 500
28. Glenn P. Haskell, Associate Professor.....	A	8 200
29. Cornelia P. Kelley, Associate Professor.....	A	8 000
30. Robert B. Lees, Professor.....	ZA67	7 000
(Total Salary)		(10 500)
31. John T. Maguire, Associate Professor.....	A	8 200
32. William H. McBurney, Associate Professor.....	A	8 200
33. Robert Ornstein, Associate Professor.....	A	9 000
(On leave with one-half pay first semester and without pay second semester 1961-62)		
34. J. K. Quinn, Associate Professor.....	A	9 200
(On leave with pay second semester 1961-62)		
35. James R. Squire, Associate Professor.....	ZA34	2 730
(Total Salary)		50 (4 100)
36. Jack C. Stillinger, Associate Professor.....	A	8 200
37. Francis W. Weeks, Associate Professor of Business English	A	9 600
38. Robert Bruce Weirick, Associate Professor, <i>Emeritus</i> ..	R	.....
39. Keith Alldritt, Assistant Professor.....	B	6 500
40. August L. Altenbernd, Assistant Professor.....	B	8 100
41. Katharine O. Aston, Assistant Professor.....	B	6 500
42. Lloyd E. Berry, Assistant Professor.....	B	6 700
43. Helen B. Brennan, Assistant Professor and Chairman of English for Foreign Students.....	B	7 200
44. Garreta H. Busey, Assistant Professor, <i>Emerita</i>	R	.....
45. Gibbon Butler, Assistant Professor.....	ZBY	.....
46. Walter J. Chamberlin, Assistant Professor of Business English	B	8 300
47. William M. Curtin, Assistant Professor.....	B	6 500
48. N. P. Davis, Assistant Professor.....	B	6 300
49. Oliver W. Evans, Assistant Professor.....	D	6 800
50. Margaret French, Assistant Professor, <i>Emerita</i>	R	.....
51. Rocco L. Fumento, Assistant Professor.....	B	6 500
52. Sanford Golding, Assistant Professor.....	B	6 700
53. Philip R. Headings, Assistant Professor.....	B	6 500
54. Francis E. Hodgins, Jr., Assistant Professor.....	B	7 000
55. Donald J. Hogan, Assistant Professor.....	B	6 700
56. Ruth Kelso, Assistant Professor, <i>Emerita</i>	R	.....
57. William J. Lord, Jr., Assistant Professor.....	B	7 100
58. John F. Lynen, Assistant Professor.....	B	7 400
59. Stanton Millet, Assistant Professor.....	B	6 600
60. Frank Moake, Assistant Professor.....	B	7 500
Acting Chairman of Freshman Rhetoric.....		(1 000)
(Total Salary)		(8 500)
61. Ronald H. Paulson, Assistant Professor.....	B	7 400

62. Esther H. Rapp, Assistant Professor, <i>Emerita</i>	R	.....
63. Harry F. Robins, Assistant Professor.....	B	7 800
64. William H. Rueckert, Assistant Professor.....	B	6 700
65. Robert L. Schneider, Assistant Professor.....	B	7 000
(On leave with pay first semester 1961-62)		
66. Arthur L. Scott, Assistant Professor.....	B	7 500
(On leave without pay first semester 1961-62)		
67. George Scouffas, Assistant Professor.....	B	8 100
68. Gardiner B. Stillwell, Assistant Professor.....	B	7 400
69. Caroline Tupper, Assistant Professor, <i>Emerita</i>	R	.....
70. Earl P. Bloom, Instructor in Business English.....	D	5 300
71. Margaret Bloom, Instructor, <i>Emerita</i>	R	.....
72. Edward J. Brandabur, Instructor.....	D	6 000
73. Robert L. Chamberlain, Instructor.....	D67	4 000
74. David L. Derus, Instructor.....	D	6 200
75. Richard P. Felton, Instructor in Business English.....	D	5 400
76. John B. Gabel, Instructor.....	D	6 000
77. Robert D. Gieselman, Instructor in Business English....	D	4 800
78. Herbert Goodrich, Instructor in Business English.....	D	5 800
79. Wade H. Hall, Instructor in Business English.....	D	5 500
80. John A. Hamilton, Instructor.....	D	6 000
81. Mary A. Hussey, Instructor.....	D	6 000
82. Maria Keen, Instructor.....	D	5 000
83. Gerald L. O'Grady, Instructor.....	D	6 000
84. Jean Praninskas, Instructor.....	D	5 900
85. Robert F. Sayre, Instructor.....	D	6 000
86. Michael F. Shugrue, Instructor.....	D	6 200
87. Lucian P. Spataro, Instructor in Business English.....	D	5 400
88. Robert K. Stone, Instructor.....	D	5 900
89. Albert C. Tillman, Instructor.....	D	6 100
90. Marlene K. Walker, Instructor.....	D	4 800
91. Richard H. Wasson, Instructor.....	D	6 000
92. James H. Wheatley, Instructor.....	D	6 200
93. _____, Instructor.....	D	6 000
94. _____, Instructor.....	D	5 800
95. _____, Instructor.....	D	6 300
96. _____, Instructor.....	D	6 300
97. _____, Instructor.....	D	6 300
98. _____, Instructor.....	D	6 000
99. Pierre E. J. Michel, Visiting Lecturer.....	D	(5 400)
100. John F. Nims, Visiting Writer in Residence.....	D	(13 500)
101. Rosario P. Armato, Assistant.....	E	4 200
102. James C. Ballowe, Assistant.....	E	4 400
103. K. Gerald Balls, Assistant.....	E	4 200
104. Herbert Bogart, Assistant.....	E	4 400
105. Thomas E. Boyle, Assistant.....	E	4 200
106. Edward W. Bratton, Assistant.....	E	4 200
107. Philip Y. Coleman, Assistant.....	E	4 200
108. Richard E. Cunningham, Assistant.....	E	4 200
109. John H. Dorenkamp, Assistant.....	E	4 200
110. Kathryn F. Douglass, Assistant.....	E	4 400
111. Daniel W. Dungan, Assistant.....	E	4 200
112. Scott C. Eatherly, Assistant.....	E	4 400
113. Elmer N. Feltskog, Assistant.....	E	4 000
114. Thomas B. Gilmore, Jr., Assistant.....	E	4 400
115. David Gladish, Assistant.....	E	4 200
116. George V. Goodin, Assistant.....	E	4 200
117. Clyde L. Grimm, Jr., Assistant.....	E	4 400
118. Mary A. Heagarty, Assistant.....	E	4 000
119. Ward Hellstrom, Assistant.....	E	4 400
120. Dietrich A. Hill, Assistant.....	E	4 000
121. Ronald C. Johnson, Assistant.....	E	4 400
122. Joe A. Kimbrough, Assistant.....	E	4 000

123. Charles Koban, Assistant.....	E	4 000
124. Richard S. Leever, Assistant.....	E	4 200
125. Lee T. Lemon, Assistant.....	E	4 200
126. Edward R. Levy, Assistant.....	E	4 400
127. Robert W. Lewis, Jr., Assistant.....	E	4 200
128. William E. Lindblad, Assistant.....	E	4 400
129. William T. Liston, Assistant.....	E	4 000
130. James M. MacIntyre, Assistant.....	E	4 400
131. William A. McQueen, Assistant.....	E	4 400
132. Joseph E. Milosh, Jr., Assistant.....	E	4 200
133. Keith M. Opdahl, Assistant.....	E	4 200
134. Walter F. Prinic, Assistant.....	E	4 200
135. Phyllis Rackin, Assistant.....	E	4 200
136. John R. Roberts, Assistant.....	E	4 400
137. Richard L. Rowe, Assistant.....	E	4 200
138. Reginald Saner, Assistant.....	E	4 500
139. Roberta Scouffas, Assistant.....	E	4 000
140. Daniel S. Silvia, Jr., Assistant.....	E	4 200
141. Lyle E. Van Pelt, Assistant.....	E	4 200
142. Ralph H. Walker, Assistant.....	E	4 600
143. Don S. Woodmency, Assistant.....	E	4 200
144. _____, Assistant.....	E	4 200
145. _____, Assistant.....	E	4 200
146. _____, Assistant.....	E	4 000
147. _____, Assistant.....	E	4 200
148. _____, Assistant.....	E	4 000
149. _____, Assistant.....	E	4 000
150. _____, Assistant.....	E	4 000
151. _____, Assistant.....	E	4 100
152. _____, Assistant.....	E	4 300
153. _____, Assistant.....	E	4 200
154. _____, Assistant.....	E	4 000
155. 45.33 Full Time Equivalent Assistants.....	E	184 404
Nonacademic Salaries.....		27 280
<i>Total, Salaries</i>		(1 142 154)
Wages.....		8 580
Expense, General.....		9 500
Expense, Printing of <i>Accent</i>		1 600
Equipment.....		3 000
<i>Total, Wages, Expense, and Equipment</i>		(22 680)
<i>Total, English</i>		\$1 164 834

Entomology

Account Number 00-32-28-100		
1. Leigh E. Chadwick, Professor and Head of Department	A	\$ 16 100
2. W. V. Baldus, Professor, <i>Emeritus</i>	R	.....
3. G. S. Fraenkel, Professor.....	A	13 200
4. William P. Hayes, Professor, <i>Emeritus</i>	R	.....
5. William R. Horsfall, Professor.....	A	10 900
6. C. W. Kearns, Professor.....	A	13 300
7. H. H. Ross, Professor.....	A	.....
8. Richard B. Selander, Associate Professor.....	A	8 200
9. James G. Sternburg, Associate Professor.....	A	8 800
10. William L. Downes, Jr., Assistant Professor.....	B	7 100
11. Gilbert P. Waldbauer, Assistant Professor.....	D	6 400
12. 2.25 Full Time Equivalent Assistants.....	E	9 100
Nonacademic Salaries.....		4 200
<i>Total, Salaries</i>		(97 300)
Wages.....		1 050
Expense.....		4 800
Equipment.....		3 800
<i>Total, Wages, Expense, and Equipment</i>		(9 650)
<i>Total, Entomology</i>		\$106 950

Cooperative Investigations

U.S. ARMY CHEMICAL G-4

Account Number 46-32-28-304

1. Shen C. Chang, Research Assistant Professor..... DY \$ 7 350

French

Account Number 00-32-31-100

1. Charles A. Knudson, Professor and Head of Department	A	\$ 16 300
2. Cameron C. Gullette, Professor.....	A	10 150
3. J. F. Jackson, Professor.....	ZA90	11 070
(Total Salary)		(12 300)
4. Paul E. Jacob, Professor, <i>Emeritus</i>	R	.....
5. Philip Kolb, Professor.....	A	12 750
6. Philip A. Wadsworth, Professor.....	A	13 850
7. Bruce H. Mainous, Associate Professor.....	A	10 000
(On leave with pay second semester 1961-62)		
8. Angelina Pietrangeli, Associate Professor.....	ZA50	4 950
(Total Salary)		(9 900)
9. Claude P. Viens, Associate Professor.....	A	10 400
10. Claude K. Abraham, Assistant Professor.....	B	6 550
11. Vincent E. Bowen, Assistant Professor.....	B	8 000
12. Stanley E. Gray, Assistant Professor.....	B	6 900
13. Edwin Jahiel, Assistant Professor.....	B	7 000
14. Paul A. Mankin, Assistant Professor.....	B	7 350
15. Francis W. Nachtmann, Assistant Professor.....	B	7 700
16. Pierre Spriet, Assistant Professor.....	B	7 500
17. Philip H. Stephan, Assistant Professor.....	B	6 500
18. _____, Assistant Professor.....	BY50	4 650
19. Jeanne R. Monty, Instructor.....	D	6 300
20. Cordelia Reed, Assistant Professor.....	B	6 500
21. 1975 Full Time Equivalent Assistants.....	E	79 880
Nonacademic Salaries		4 800
Total, Salaries		(249 100)
Wages.....		1 450
Expense.....		1 850
Equipment		725
Total, Wages, Expense, and Equipment.....		(4 025)
Total, French		\$253 125

Division of General Studies

Account Number 00-32-37-100

1. James M. McCrimmon, Professor of Humanities and Head of Division.....	ZA	\$ 12 700
2. William Habberton, Professor, <i>Emeritus</i>	R	.....
3. M. T. Herrick, Professor of English.....	ZA33	5 060
(Total Salary)		(15 500)
4. Otto E. Kugler, Professor of Biological Science.....	A	10 600
5. Frank Costin, Associate Professor of Psychology.....	ZA67	6 370
(Total Salary)		(9 500)
(On leave with pay first semester 1961-62)		
6. Sidney Rosen, Associate Professor of Physical Science	A	8 500
7. Robert Siegfried, Associate Professor of Chemistry...	A	8 600
8. Edwin M. Banks, Assistant Professor of Biological Science	ZB	7 500
(Leave to be determined)		
9. John M. Dennison, Assistant Professor of Geology....	ZB75	4 950
(Total Salary)		(6 600)
10. Walter H. Draper, Assistant Professor of Verbal Communication.....	B	6 400
11. Lawrence J. McCaffrey, Assistant Professor of History	B	7 600
12. Tommy L. Phillips, Assistant Professor of Botany.....	ZB75	4 875
(Total Salary)		(6 500)
13. James M. Powell, Assistant Professor of History.....	B	7 000

14. Richard F. Tomasson, Assistant Professor of Sociology	ZB67	4 800
(Total Salary)		(7 200)
15. _____, Assistant Professor of Humanities	B	7 700
16. Richard A. Gilman, Instructor in Physical Science	D	6 000
17. John F. Glawe, Instructor in Biological Science	D	6 360
18. A. Tress Lundman, Instructor in Verbal Communication	D	6 350
19. Clarence A. Poxon, Instructor in Physical Science	D	6 000
20. _____, Instructor in Verbal Communication	D	5 350
21. Glen E. Gaides, Assistant in Physical Science	E	4 250
22. _____, Assistant in History of Civilization	E	4 300
23. 11.33 Full Time Equivalent Assistants	E	45 580
Nonacademic Salaries		5 940
Total, Salaries		(192 785)
Wages		1 630
Expense		4 400
Equipment		1 500
Total, Wages, Expense, and Equipment		(7 530)
Total, Division of General Studies		\$200 315

Geography

Account Number 00-32-43-100		
1. Joseph A. Russell, Professor and Head of Department A		\$ 16 000
(On leave with pay second semester 1961-62)		
2. Alfred W. Booth, Professor	A	12 750
3. Robert L. Carmin, Professor	A	10 200
4. Fred W. Foster, Professor	A	12 700
5. John H. Garland, Professor	A	10 900
6. J. L. Page, Professor	A	11 000
7. Dimitri B. Shimkin, Professor	ZA50	7 000
(Total Salary)		(14 000)
8. Jerome D. Fellmann, Associate Professor	A	9 300
9. Howard G. Roepke, Associate Professor	A	9 250
10. C. S. Alexander, Assistant Professor	B	8 100
11. Everett G. Smith, Jr. Assistant Professor	ZBY	.....
12. 6.25 Full Time Equivalent Assistants	E	25 050
Nonacademic Salaries		15 450
Total, Salaries		(147 700)
Wages		2 310
Expense		6 000
Equipment		3 000
Total, Wages, Expense, and Equipment		(11 310)
Total, Geography		\$159 010

Geology

Account Number 00-32-46-100		
1. George W. White, Professor and Head of Department A		\$ 18 100
2. Albert Carozzi, Professor	A	12 300
3. Carleton A. Chapman, Professor	A	13 350
4. Don U. Deere, Professor	ZA33	4 125
(Total Salary)		(12 400)
5. Ralph E. Grim, Research Professor	A	16 500
6. Arthur F. Hagner, Professor	A	11 100
7. Jack L. Hough, Professor	A	12 700
8. George B. Maxey, Professor	A33	3 940
9. Harold W. Scott, Professor	A	12 700
(On leave with pay second semester 1961-62)		
10. Paul R. Shaffer, Professor	A	13 400
(On leave without pay 1961-62)		
11. Harold R. Wanless, Professor	A	15 300
12. P. T. Graff-Petersen, Visiting Associate Professor	E	8 500
13. Donald M. Henderson, Associate Professor	A	8 950

14. Frederick W. Cropp, Assistant Professor.....	ZB50	3 800
(Total Salary)		(7 600)
15. John M. Dennison, Assistant Professor.....	ZB25	1 650
(Total Salary)		(6 600)
16. William Winn Hay, Assistant Professor.....	B	6 500
17. Ralph L. Langenheim, Assistant Professor.....	B	7 800
18. F. M. Wahl, Assistant Professor.....	B	7 100
19. _____, Assistant Professor.....	B50	3 300
20. 14.00 Full Time Equivalent Assistants.....	E	56 000
Nonacademic Salaries		15 660
Total, Salaries		(252 775)
Wages		3 680
Expense		32 100
Equipment		13 000
Total, Wages, Expense, and Equipment.....		(48 780)
Total, Geology		\$301 555

German

Account Number 00-32-49-100

1. Frank G. Banta, Associate Professor.....	A }	\$ 10 200
Chairman of Department.....	B }	
2. John R. Frey, Professor.....	A	13 050
3. J. T. Geissendoerfer, Professor, <i>Emeritus</i>	R	.....
4. Phillip M. Mitchell, Professor.....	A	11 600
5. Ernst A. Philippson, Professor.....	A	13 500
6. Henri Stegemeier, Professor.....	A	11 700
7. C. A. Williams, Professor, <i>Emeritus</i>	R	.....
8. Mimi Ida Jehle, Associate Professor.....	A	9 000
9. Francis J. Nock, Associate Professor.....	A	9 400
(On leave with pay second semester 1961-62)		
10. Gerard F. Schmidt, Associate Professor.....	A	8 200
11. James E. Engel, Assistant Professor.....	B	6 550
12. Pauline S. Schwalbe, Assistant Professor.....	B	7 000
13. Burkhard Seubert, Assistant Professor.....	B	6 200
14. Otto Dornberg, Instructor.....	D	5 800
15. Ruth E. Lorbe, Instructor.....	D	6 200
16. Werner Marx, Instructor.....	D	6 000
17. Walter L. Robbins, Instructor.....	D	5 900
18. David E. Silas, Instructor.....	D	5 850
19. _____, Instructor.....	D	6 000
20. 9.50 Full Time Equivalent Assistants.....	E	38 600
Nonacademic Salaries		3 900
Total, Salaries		(184 650)
Wages		1 000
Expense		1 400
Equipment		400
Total, Wages, Expense, and Equipment.....		(2 800)
Total, German		\$187 450

History

Account Number 00-32-52-100

1. Norman A. Graebner, Professor.....	A }	\$ 15 000
Chairman of Department.....	B }	
2. Arthur E. Bestor, Jr., Professor.....	A	14 000
(On leave with one-half pay 1961-62)		
3. C. Ernest Dawn, Professor.....	A	10 900
4. F. C. Dietz, Professor, <i>Emeritus</i>	R	.....
5. Edgar L. Erickson, Professor.....	A	10 300
6. Ralph T. Fisher, Jr., Professor.....	A	11 000
7. Deno J. Geanakoplos, Professor.....	A	11 000
8. P. V. B. Jones, Professor, <i>Emeritus</i>	R	.....
9. Charles E. Nowell, Professor.....	A	14 100
10. F. S. Rodkey, Professor, <i>Emeritus</i>	R	.....
11. Fred A. Shannon, Professor, <i>Emeritus</i>	R	.....

12. Winton Solberg, Visiting Professor.....	E	(11 500)
13. Chester G. Starr, Professor.....	A	14 000
14. Raymond P. Stearns, Professor.....	A	14 400
15. J. W. Swain, Professor, <i>Emeritus</i>	R	.....
16. James L. Bates, Associate Professor.....	A	9 000
17. Robert W. Johannsen, Associate Professor.....	A	10 000
18. Maurice Lee, Jr., Associate Professor.....	A	10 000
(On leave without pay 1961-62)		
19. J. Alden Nichols, Associate Professor.....	A	9 500
20. John B. Sirich, Associate Professor.....	A	9 150
21. Clark C. Spence, Associate Professor.....	A	10 000
22. Robert M. Sutton, Associate Professor.....	ZAY27	3 450
(Total Salary)		(13 200)
23. Natabia M. Belting, Assistant Professor.....	B	6 600
24. Robert B. Crawford, Assistant Professor.....	B	7 000
25. Louise B. Dunbar, Assistant Professor.....	B	8 300
26. Ameda Ruth King, Assistant Professor.....	B	7 250
27. Mary Lucille Shay, Assistant Professor.....	ZB50	4 150
(Total Salary)		(8 300)
28. Robert L. Haan, Instructor.....	D	6 300
29. J. R. Hollingsworth, Instructor.....	D	6 500
30. Herbert H. Kaplan, Instructor.....	D	6 000
31. Robert M. McColley, Instructor.....	D	6 500
32. ———, Instructor	D	6 000
33. ———, Instructor	D	6 000
34. 9.60 Full Time Equivalent Assistants.....	E	38 900
Nonacademic Salaries		8 580
Total, Salaries		(293 880)
Wages		170
Expense		3 075
Equipment		650
Total, Wages, Expense, and Equipment.....		(3 895)
Total, History		\$297 775

School of Life Sciences

Account Number 00-32-53-100		
1. Halvor O. Halvorson, Director.....	ZB	\$ 20 000
2. Donald F. Hoffmeister, Curator of Natural History Museum.....	ZAY	13 000
Nonacademic Salaries		34 134
Total, Salaries		(67 134)
Wages, Natural History Museum.....		1 370
Expense		2 700
Expense, Natural History Museum.....		3 900
Equipment.....		300
Equipment, Natural History Museum.....		2 100
Total, Wages, Expense, and Equipment.....		(10 370)
Total, School of Life Sciences.....		\$ 77 504

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G14573

Account Number 46-32-53-357

1. Elizabeth Thorogood, Research Associate.....	DY75	\$ 7 500
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U.S. OFFICE OF NAVAL RESEARCH 183409

Account Number 46-32-53-361

1. V. R. Srinivasan, Research Assistant Professor.....	DY	\$ 8 000
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Mathematics

Account Number 00-32-54-100

1. Mahlon M. Day, Professor and Head of Department..	A	\$ 16 600
2. Reinhold Baer, Professor, <i>Emeritus</i>	R	.....
3. Paul T. Bateman, Professor.....	A	14 600
4. Colin R. Blyth, Professor.....	A	12 500

5. William W. Boone, Professor.....	A	15 000
6. D. G. Bourgin, Professor.....	A	16 100
(On leave with one-half pay second semester 1961-62)		
7. H. R. Brahana, Professor.....	A	16 500
8. Stewart S. Cairns, Professor.....	A	16 100
9. R. D. Carmichael, Professor, <i>Emeritus</i>	ZR	.....
10. A. B. Coble, Professor, <i>Emeritus</i>	R	.....
11. J. L. Doob, Professor.....	ZA	18 500
(Total Salary)		(21 700)
12. Maurice H. Heins, Professor.....	A	15 600
13. Alex Heller, Professor.....	A	10 800
14. P. W. Ketchum, Professor.....	A	13 200
15. Joseph Landin, Professor.....	A	12 500
16. Harry Levy, Professor.....	A	12 600
17. C. W. Mendel, Professor.....	A	12 000
18. Henry J. Miles, Professor.....	ZAY45	6 100
Executive Secretary of Department.....	ZA55	6 100
(Total Salary)		(12 200)
19. David E. Muller, Research Professor.....	ZA	.....
20. Robert E. Pingry, Professor.....	ZA45	4 925
(Total Salary)		(10 900)
21. Irving Reiner, Professor.....	A	14 600
22. Michio Suzuki, Professor.....	A	18 000
23. A. H. Taub, Research Professor of Applied Mathematics.....	ZA	.....
24. W. J. Trjitzinsky, Professor.....	A	14 800
25. H. E. Vaughan, Professor.....	A	9 500
26. _____, Professor of Mathematical Statistics....	A	18 000
27. _____, Professor	A67	9 000
28. Beulah M. Armstrong, Associate Professor.....	A	8 400
29. Robert G. Bartle, Associate Professor.....	A	10 500
(On leave with pay first semester 1961-62)		
30. Donald L. Burkholder, Associate Professor of Mathematical Statistics	A	9 800
(On leave with pay first semester 1961-62)		
31. Josephine H. Chanler, Associate Professor.....	A	8 300
32. William A. Ferguson, Associate Professor.....	A	9 300
33. Donald B. Gillies, Research Associate Professor of Applied Mathematics	ZA	.....
34. Olive C. Hazlett, Associate Professor, <i>Emerita</i>	R	.....
35. Franz E. Hohn, Associate Professor.....	A	10 800
36. R. G. Langebartel, Associate Professor.....	A	9 800
37. Howard Osborn, Associate Professor.....	A	9 800
38. Echo D. Pepper, Associate Professor.....	A	8 800
39. J. William Peters, Associate Professor.....	ZA80	8 040
(Total Salary)		(10 050)
40. Lee A. Rubel, Associate Professor.....	A	8 000
(On leave without pay 1961-62)		
41. Edward J. Scott, Associate Professor.....	A	9 800
42. L. L. Steimley, Associate Professor, <i>Emeritus</i>	R	.....
43. Robert A. Wijsman, Associate Professor.....	A	9 800
44. Wilfrid Wilson, Associate Professor, <i>Emeritus</i>	R	.....
45. Richard L. Bishop, Assistant Professor.....	B	7 400
46. O. K. Bower, Assistant Professor.....	B	7 400
47. Roberto Diaz, Assistant Professor.....	D	6 200
48. Amiel Feinstein, Assistant Professor.....	B	7 900
49. Norman T. Hamilton, Assistant Professor.....	B	7 800
50. Corinne Hattan, Assistant Professor.....	B	6 500
51. Lester L. Helms, Assistant Professor.....	B	7 800
52. V. A. Hoersch, Assistant Professor, <i>Emeritus</i>	R	.....
53. Richard P. Jerrard, Assistant Professor.....	B	9 100
54. Hiram Paley, Assistant Professor.....	B	7 500
55. Clarence Phillips, Assistant Professor.....	B	6 800
56. Donald M. Roberts, Assistant Professor.....	B	7 300

57. Jewell E. Schubert, Assistant Professor.....	B	8 000
58. Herbert S. Wilf, Assistant Professor.....	B	8 500
59. Wilson M. Zaring, Assistant Professor.....	B	9 100
60. _____, Assistant Professor.....	D	7 500
61. _____, Assistant Professor.....	B	7 000
62. _____, Assistant Professor.....	B	7 000
63. _____, Assistant Professor.....	B	6 500
64. _____, Assistant Professor.....	B	7 500
65. _____, Assistant Professor.....	B	7 500
66. _____, Assistant Professor.....	B	7 500
67. _____, Assistant Professor.....	B	7 000
68. _____, Assistant Professor.....	B	7 000
69. _____, Assistant Professor.....	B	9 760
70. _____, Assistant Professor.....	B	8 000
71. _____, Assistant Professor.....	B	8 000
72. _____, Assistant Professor.....	B	7 500
73. Tyler Allhands, Instructor.....	D	5 400
74. Betty C. Detwiler, Instructor.....	D	6 500
75. David Sachs, Instructor.....	D	7 400
76. Elliot C. Weinberg, Instructor.....	D	7 300
77. _____, Instructor.....	D	6 750
78. 44.25 Full Time Equivalent Assistants.....	E	177 750
Nonacademic Salaries.....		19 230
<i>Total, Salaries.....</i>		(860 155)
Wages.....		2 420
Expense.....		8 700
Equipment.....		1 000
<i>Total, Wages, Expense, and Equipment.....</i>		(12 120)
<i>Total, Mathematics.....</i>		\$872 275

Illinois Journal of Mathematics Revolving

Account Number 12-32-54-336

Expense.....		\$ 3 500
<i>Total, Illinois Journal of Mathematics Revolving.....</i>		\$ 3 500

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G10101

Account Number 46-32-54-161

1. Alice G. Hart, Assistant Professor.....	D	\$ 8 000
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U.S. NATIONAL SCIENCE FOUNDATION G9654

Account Number 46-32-54-360

1. Noboru Ito, Visiting Professor.....	ZD70	\$ 7 000
(Total Salary).....		(10 000)

Microbiology

Account Number 00-32-55-100

1. Kimball C. Atwood, Professor and Head of Department.....	A	\$ 18 600
2. F. M. Clark, Professor.....	A	10 550
3. Ralph D. DeMoss, Professor.....	A	12 100
4. Halvor O. Halvorson, Professor.....	ZA	.....
5. Sol Spiegelman, Professor.....	A	16 250
6. G. I. Wallace, Professor, <i>Emeritus</i>	R	.....
7. Ralph S. Wolfe, Professor.....	A	12 000
8. _____, Professor.....	A	12 900
9. _____, Professor.....	A	10 250
10. John W. Drake, Assistant Professor.....	B	8 650
11. Joseph T. Wachsman, Assistant Professor.....	B	7 600
12. 7.00 Full Time Equivalent Assistants.....	E	28 300
Nonacademic Salaries.....		43 965
<i>Total, Salaries.....</i>		(181 165)
Wages.....		4 200

Expense	26 900
Equipment	8 000
<i>Total, Wages, Expense, and Equipment</i>	(39 100)
<i>Total, Microbiology</i>	\$220 265

Indirect Costs — Microbiology

Account Number 40-32-55-300

1. Raymond Mangalo, Research Associate.....	ZDY32	\$ 1 750
(Total Salary)		(5 500)

Indirect Costs — Graduate Microbiology — Wachsman

Account Number 41-32-55-392

1. Raymond Mangalo, Research Associate.....	ZDY50	\$ 2 750
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Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE 2G319

Account Number 46-32-55-367

1. Noboru Sueoka, Assistant Professor.....	B	\$ 9 300
2. Saul Yankofsky, Research Assistant.....	DY	5 200
<i>Total, U.S. Public Health Service 2G319</i>		\$ 14 500

U.S. PUBLIC HEALTH SERVICE 2G510

Account Number 46-32-55-370

1. Alfred Nisonoff, Associate Professor.....	A	\$ 12 800
2. John A. De Pinto, Jr., Research Assistant.....	DY	6 200
3. Carol W. Luker, Research Assistant.....	DY	4 900
<i>Total, U.S. Public Health Service 2G510</i>		\$ 23 900

U.S. PUBLIC HEALTH SERVICE E3552

Account Number 46-32-55-372

1. Mercedes M. Derivers, Research Associate.....	DY	\$ 6 000
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U.S. PUBLIC HEALTH SERVICE E1728

Account Number 46-32-55-375

1. Raymond Mangalo, Research Associate.....	ZDY18	\$ 1 000
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Philosophy

Account Number 00-32-57-100

1. Frederick L. Will, Professor.....	A }	\$ 14 100
Chairman of Department.....	B }	
2. M. H. Fisch, Professor.....	A	15 700
3. D. W. Gotshalk, Professor.....	A	16 100
4. M. T. McClure, Professor, <i>Emeritus</i>	R	.....
5. John A. Nicholson, Professor, <i>Emeritus</i>	R	.....
6. A. R. Turquette, Professor.....	A	11 800
7. Bernard J. Diggs, Associate Professor.....	A	10 150
8. Henry S. Harris, Associate Professor.....	A	8 200
9. O. A. Kubitz, Associate Professor.....	ZAY25	2 325
(Total Salary)		(10 500)
10. Leonard Linsky, Associate Professor.....	A	8 800
11. Harry M. Tiebout, Jr., Associate Professor.....	A	8 800
12. Charles E. Caton, Assistant Professor.....	B	6 500
13. Paul R. Diesing, Assistant Professor.....	B	6 700
14. R. S. Grossmann, Assistant Professor.....	B	6 500
15. Norman Kretzmann, Assistant Professor.....	B	7 700
16. William L. Rowe, Instructor.....	D	5 600
17. _____, Instructor	D	6 000
18. 3.75 Full Time Equivalent Assistants.....	E	15 000

Nonacademic Salaries

<i>Total, Salaries</i>		(155 555)
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Expense

Equipment

<i>Total, Wages, Expense, and Equipment</i>		(2 800)
<i>Total, Philosophy</i>		\$158 355

Physiology

Account Number 00-32-60-100

1. C. Ladd Prosser, Professor and Head of Department..	ZA	\$ 16 000
2. Robert E. Johnson, Professor.....	ZA33	5 950
(Total Salary)		(18 000)
3. Frederick Sargent II, Professor.....	A	10 050
4. F. R. Steggerda, Professor.....	A	12 050
5. A. B. Taylor, Professor.....	A	10 600
6. Garth J. Thomas, Professor.....	ZAY50	7 400
(Total Salary)		(14 800)
7. John D. Anderson, Associate Professor.....	A	10 050
8. Howard S. Ducoff, Associate Professor.....	AY	11 050
9. W. P. Elhardt, Associate Professor, <i>Emeritus</i>	R	.....
10. William H. Johnson, Associate Professor.....	A	8 700
(On leave with one-half pay 1961-62)		
11. Stanley G. Stolpe, Associate Professor.....	A	8 300
12. _____, Associate Professor.....	A	8 600
13. John Gorski, Assistant Professor.....	B	7 500
14. Clyde Manwell, Assistant Professor.....	B	8 750
15. Duane C. Sutfin, Assistant Professor.....	B	7 900
16. G. C. Wickwire, Assistant Professor.....	B	6 550
17. 11.50 Full Time Equivalent Assistants.....	E	47 050
18. 1.50 Full Time Equivalent Research Assistants.....	DY	7 350
Nonacademic Salaries		36 530
Total, Salaries		(230 380)
Wages.....		4 730
Expense		31 500
Equipment		7 000
Total, Wages, Expense, and Equipment.....		(43 230)
Total, Physiology		\$273 610

Cooperative Investigations

U.S. DEPARTMENT OF AGRICULTURE 4515-74

Account Number 46-32-60-301

1. John F. Dimmick, Research Associate.....	DY	\$ 6 500
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U.S. NATIONAL SCIENCE FOUNDATION G8795

Account Number 46-32-60-362

1. Toshio Nagai, Research Associate.....	DY	\$ 6 250
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Political Science

Account Number 00-32-63-100

1. C. B. Hagan, Professor.....	A}	\$ 12 800
Chairman of Department.....	B}	
2. Clarence A. Berdahl, Professor, <i>Emeritus</i>	R	.....
3. Royden Dangerfield, Professor.....	ZAY	.....
4. Murray J. Edelman, Professor.....	ZAY55	7 070
(Total Salary)		(12 850)
5. Neil F. Garvey, Professor.....	ZAY25	2 875
(Total Salary)		(11 500)
6. Valentine Jobst III, Professor.....	A	10 100
7. Charles M. Kneier, Professor.....	A	16 500
(On leave with pay second semester 1961-62)		
8. Edward G. Lewis, Professor.....	A	11 000
9. J. M. Mathews, Professor, <i>Emeritus</i>	R	.....
10. Phillip Monypenny, Professor.....	A	11 000
11. Jack W. Peltason, Professor.....	ZAY	.....
12. J. Austin Ranney, Professor.....	A	11 000
(On leave without pay 1961-62)		
13. Robert E. Scott, Professor.....	A	11 700
14. C. F. Snider, Professor.....	A	14 800
15. Francis G. Wilson, Professor.....	A	14 900
16. Richard L. Butwell, Associate Professor.....	A	8 200
17. George Manner, Associate Professor.....	A	8 000

18. Thomas Page, Associate Professor.....	ZA33	2 830
(Total Salary)		(8 500)
19. _____, Associate Professor.....	A	9 800
20. Robert J. Pranger, Assistant Professor.....	B	7 000
21. Denis G. Sullivan, Assistant Professor.....	B	7 200
22. _____, Instructor	D	6 300
23. Henry Valen, Visiting Lecturer.....	G	(6 000)
(Effective five months from September 1, 1961)		
24. 3.40 Full Time Equivalent Assistants.....	E	13 700
Nonacademic Salaries		6 990
Total, Salaries		(193 765)
Wages.....		210
Expense		2 600
Equipment.....		500
Total, Wages, Expense, and Equipment.....		(3 310)
Total, Political Science.....		\$197 075

Psychology

Account Number 00-32-66-100

1. Lloyd G. Humphreys, Professor and Head of Department	A	\$ 17 000
2. Harold W. Hake, Professor and Associate Head of Department.....	A	11 400
3. Jack A. Adams, Professor.....	A	10 600
4. Raymond B. Cattell, Research Professor.....	A	14 200
5. Lee J. Cronbach, Professor.....	ZAY	.....
6. Charles W. Eriksen, Professor.....	A	11 400
7. Thomas N. Ewing, Professor.....	ZAY	.....
8. Fred E. Fiedler, Professor.....	A	10 800
9. Nathaniel L. Gage, Professor.....	ZAY	.....
10. William M. Gilbert, Professor.....	ZAY	.....
11. G. Robert Grice, Professor.....	A	11 700
12. Roy M. Hamlin, Professor.....	AI7	1 800
13. Leo A. Hellmer, Professor.....	AY	13 000
14. Glenn D. Higginson, Professor, <i>Emeritus</i>	R	.....
15. J. M. Hunt, Professor.....	A	15 000
16. William E. Kappauf, Professor.....	A	13 700
17. Samuel A. Kirk, Professor.....	ZAY	.....
18. Lyle H. Lanier, Professor.....	ZAY	.....
19. O. Hobart Mowrer, Research Professor.....	A	15 300
20. Lawrence I. O'Kelly, Professor.....	A	13 800
21. Charles E. Osgood, Professor.....	ZAY27	4 550
(Total Salary)		(16 750)
22. Ivan D. Steiner, Professor.....	ZA50	5 400
(Total Salary)		(12 000)
23. Lawrence M. Stolurow, Professor.....	ZA50	5 300
(Total Salary)		(10 600)
24. Ledyard R. Tucker, Professor.....	A	14 800
25. Herbert Woodrow, Professor, <i>Emeritus</i>	R	.....
26. Paul T. Young, Professor, <i>Emeritus</i>	R	.....
27. Wesley C. Becker, Associate Professor.....	A	10 000
(Leave to be determined)		
28. Jozef B. Cohen, Associate Professor.....	A	8 400
29. Frank Costin, Associate Professor.....	ZA	.....
30. Robert G. Demaree, Associate Professor.....	ZAY	.....
31. Donelson E. Dulany, Jr., Associate Professor.....	A	9 050
32. Jerry Hirsch, Associate Professor.....	A	8 800
33. Harry L. Jacobs, Associate Professor.....	A	8 800
34. Alice K. Jonietz, Associate Professor.....	ZAY	.....
(On leave with one-half pay 1961-62)		
35. Henry F. Kaiser, Associate Professor.....	ZAY	.....
36. Robert P. Larsen, Associate Professor.....	ZAY	.....
37. W. G. McAllister, Associate Professor.....	A	8 300
38. Donald R. Peterson, Associate Professor.....	A	9 500

39. Hjalmar Rosen, Associate Professor.....	ZAY55	6 400
(Total Salary)		(11 650)
40. Alan K. Rosenwald, Associate Professor.....	AY	.....
41. Harry C. Triandis, Associate Professor.....	ZAY55	6 050
(Total Salary)		(11 000)
42. ———, Associate Professor.....	A70	5 775
43. Pauline B. Armstrong, Assistant Professor.....	ZFY10	775
(Total Salary)		(7 750)
(Effective July 1, 1961)		
44. Louis C. Ate, Jr., Assistant Professor.....	ZBY	.....
45. Joseph Becker, Assistant Professor.....	B	7 750
46. Raymond W. Frankmann, Assistant Professor.....	B	8 100
47. Stanley Stark, Assistant Professor.....	ZBY27	2 360
(Total Salary)		(8 750)
48. Morton Wagman, Assistant Professor.....	ZBY	.....
49. Morton W. Weir, Assistant Professor.....	B	7 500
50. ———, Assistant Professor.....	B	8 000
51. ———, Assistant Professor.....	B33	2 250
(Total Salary)		(6 750)
52. 12.00 Full Time Equivalent Assistants.....	E	50 430
Nonacademic Salaries		41 014
<i>Total, Salaries</i>		(399 004)
Wages.....		3 150
Expense.....		28 600
Equipment.....		5 000
<i>Total, Wages, Expense, and Equipment</i>		(36 750)
<i>Total, Psychology</i>		\$435 754

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE 2M5089

Account Number 46-32-66-166

1. David M. Jordan, Consulting Psychologist with rank of Associate Professor.....	D25	\$ 4 700
2. Pauline B. Armstrong, Assistant Professor.....	ZFY90	6 975
(Effective July 1, 1961)		
3. Perry London, Assistant Professor.....	D	7 800
4. Donald T. Shannon, Assistant Professor.....	D	8 100
<i>Total, U.S. Public Health Service 2M5089</i>		\$ 27 575

U.S. PUBLIC HEALTH SERVICE M1733

Account Number 46-32-66-371

1. John D. Hundleby, Research Associate.....	DY	\$ 6 800
2. Kurt Pawlik, Research Associate.....	DY	7 800
<i>Total, U.S. Public Health Service M1733</i>		\$ 14 600

STATE DEPARTMENT OF PUBLIC WELFARE—MOTIVATION CONFLICT

Account Number 47-32-66-311

1. Arthur Sweney, Research Assistant Professor.....	DY	\$ 8 200
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Russian

Account Number 00-32-68-100

1. Ralph E. Matlaw, Associate Professor and Head of Department.....	A	\$ 13 000
2. Frances F. Sobotka, Associate Professor.....	A	11 000
3. ———, Associate Professor.....	A	11 000
4. Tatjana Cizevska, Assistant Professor.....	B	7 300
5. Kurt Klein, Assistant Professor.....	B	7 900
6. Temira Pachmuss, Assistant Professor.....	B	6 900
7. Victor Terras, Assistant Professor.....	B	7 300
8. Steven P. Hill, Instructor.....	D	6 000
9. 2.25 Full Time Equivalent Assistants.....	E	9 500
Nonacademic Salaries		3 990
<i>Total Salaries</i>		(83 890)

Wages	100
Expense	1 350
Equipment	275
<i>Total, Wages, Expense, and Equipment</i>	(1 725)
<i>Total, Russian</i>	\$ 85 615

Sociology

Account Number 00-32-69-100

1. Louis Schneider, Professor and Head of Department..	A	\$ 16 000
2. J. W. Albig, Professor, <i>Emeritus</i>	R	.....
3. Clinton L. Folse, Professor of Rural Sociology	ZAY	.....
4. E. T. Hiller, Professor, <i>Emeritus</i>	R	.....
5. J. E. Hulett, Jr., Professor	A	12 000
6. D. E. Lindstrom, Professor of Rural Sociology	ZAY	.....
7. Donald R. Taft, Professor, <i>Emeritus</i>	R	.....
8. E. A. Ahrens, Associate Professor	A	8 400
9. Margaret K. Chandler, Associate Professor	ZA50	4 250
(Total Salary)		(8 500)
10. Bernard Farber, Associate Professor	ZAY40	4 400
(Total Salary)		(11 000)
11. Mark G. Field, Associate Professor	ZA50	6 500
(Total Salary)		(13 000)
12. Daniel Glaser, Associate Professor	A	9 700
13. Joseph R. Gusfield, Associate Professor	A	9 700
14. Robert W. Janes, Associate Professor	A	9 600
15. Bernard Karsh, Associate Professor	ZAY25	3 040
(Total Salary)		(12 150)
(Teaching one-third time first and second semesters)		
16. Ernest H. Shideler, Associate Professor, <i>Emeritus</i>	R	.....
17. B. F. Timmons, Associate Professor, <i>Emeritus</i>	R	.....
18. Bennett M. Berger, Assistant Professor	B	8 100
19. John P. Clark, Assistant Professor	B	7 300
20. Herbert Hamilton, Assistant Professor	ZB25	1 800
(Total Salary)		(7 200)
21. Bernard M. Lazerwitz, Assistant Professor	B	8 600
22. Guenther Roth, Assistant Professor	B	7 300
23. Richard F. Tomasson, Assistant Professor	ZB33	2 400
(Total Salary)		(7 200)
24. _____, Assistant Professor	B	7 000
25. 5.75 Full Time Equivalent Assistants	E	23 350
Nonacademic Salaries		9 645
<i>Total, Salaries</i>		(159 085)
Wages		420
Expense		3 500
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(4 420)
<i>Total, Sociology</i>		\$163 505

Cooperative Investigations

FORD FOUNDATION — RECIDIVISM

Account Number 44-32-69-329

1. Roger J. Fisher, Research Assistant	E	\$ 4 000
2. George A. Pownall, Research Assistant	E	4 750
<i>Total, Ford Foundation — Recidivism</i>		\$ 8 750

Spanish and Italian

Account Number 00-32-72-100

1. W. H. Shoemaker, Professor of Spanish and Italian and Head of Department	A	\$ 15 500
2. J. H. D. Allen, Professor of Spanish and Portuguese ..	A	11 000
3. Arthur Hamilton, Professor, <i>Emeritus</i>	ZR	.....
4. Henry R. Kahane, Professor of Spanish and of Linguistics	A	13 000

5. James O. Crosby, Associate Professor of Spanish and Italian.....	A	9 500
6. Joseph S. Flores, Associate Professor of Spanish.....	ZA83	8 210
(Total Salary)		(9 900)
7. Luis Leal, Associate Professor of Spanish.....	A	9 200
8. Angelina Pietrangeli, Associate Professor of Spanish and Italian	ZA50	4 950
(Total Salary)		(9 900)
9. ———, Associate Professor of Spanish.....	A	8 500
10. Albertine W. Osgood, Assistant Professor, <i>Emerita</i>	R	.....
11. Mitchell D. Triwedi, Assistant Professor of Spanish...	D	6 500
12. Betty R. G. Lance, Instructor in Spanish.....	D	6 000
13. ———, Instructor in Spanish.....	D	6 000
14. Warren L. Meinhardt, Assistant in Spanish.....	D	5 800
15. Daniel P. Testa, Assistant in Spanish.....	D	5 800
16. 21.25 Full Time Equivalent Assistants.....	E	85 700
Nonacademic Salaries		5 475
Total, Salaries		(201 135)
Expense		3 900
Equipment		700
Total, Wages, Expense, and Equipment.....		(4 600)
Total, Spanish and Italian.....		\$205 735

Speech and Theatre

Account Number 00-32-75-100

1. Karl R. Wallace, Professor of Speech and Head of Department.....	A	\$ 17 600
2. E. Thayer Curry, Professor of Speech.....	A	10 300
3. Grant Fairbanks, Professor of Speech.....	A	13 500
4. Halbert E. Gulley, Professor of Speech.....	A	10 200
5. Barnard W. Hewitt, Professor of Speech.....	A	12 700
6. Lee S. Hultzen, Professor of Speech.....	A	10 300
(On leave without pay first semester and with pay second semester 1961-62)		
7. Richard Murphy, Professor of Speech.....	A	11 800
8. Raymond E. Nadeau, Professor of Speech.....	A	10 100
9. Severina E. Nelson, Professor of Speech.....	A	11 000
10. Marie H. Nichols, Professor of Speech.....	A	10 900
11. John J. O'Neill, Professor of Speech and Director of Speech and Hearing Clinics.....	ZAY80	11 700
(Total Salary)		(14 000)
12. W. M. Parrish, Professor, <i>Emeritus</i>	R	.....
13. John Wesley Swanson, Professor of Speech.....	A	11 000
(On leave with one-half pay 1961-62)		
14. Clara M. Behringer, Associate Professor of Speech....	A	8 300
15. King W. Broadrick, Associate Professor of Speech....	A	8 800
16. Kenneth Burns, Associate Professor of Speech.....	ZA45	3 690
(Total Salary)		(8 200)
17. Otto A. Dieter, Associate Professor of Speech.....	A	8 250
18. Henry L. Mueller, Associate Professor of Speech and Executive Secretary of Department.....	A	9 150
19. Joseph W. Scott, Associate Professor of Speech, Supervisor of Dramatic Productions, and Director of University Theatre	AY	11 500
20. Karl A. Windesheim, Associate Professor of Speech...	A	8 600
21. ———, Associate Professor of Speech.....	A	7 800
22. Mary H. Arbenz, Assistant Professor of Speech.....	B	7 000
23. Ted J. Barnes, Assistant Professor of Speech.....	B	6 950
24. Delmond N. Bennett, Assistant Professor of Speech...	B	6 500
25. Vincent W. Byers, Assistant Professor of Speech.....	B	7 000
26. Naomi W. Hunter, Assistant Professor of Speech.....	B	6 400
27. Frances L. Johnson, Assistant Professor of Speech....	ZB50	3 250
(Total Salary)		(6 500)

28. Lawrence W. Olson, Assistant Professor of Speech....	B	7 600
29. Genevieve Richardson, Assistant Professor of Speech...	B	7 100
30. Marie O. Shere, Assistant Professor of Speech.....	B	7 000
31. Thomas O. Sloan, Assistant Professor of Speech.....	B	7 000
32. Webster L. Smalley, Assistant Professor of Speech....	ZB85	6 120
(Total Salary)		(7 200)
33. Bernhard R. Works, Assistant Professor of Speech....	B	6 950
34. ———, Assistant Professor of Speech.....	B	6 500
35. Jane B. Archer, Instructor in Speech.....	D	5 000
36. Lloyd W. Welden, Jr., Instructor in Speech.....	D	7 000
37. ———, Instructor in Speech.....	D	5 250
38. 16.75 Full Time Equivalent Assistants.....	E	67 840
39. 0.50 Full Time Equivalent Research Assistants.....	DY	2 450
40. 0.60 Full Time Equivalent Assistants Nonrecurring....	E	(2 500)
Nonacademic Salaries		33 890
Total, Salaries		(413 990)
Wages.....		1 790
Expense, General		11 483
Equipment		3 600
Total, Wages, Expense, and Equipment.....		(16 873)
Total, Speech and Theatre.....		\$430 863

Speech Revolving

Account Number 12-32-75-170

Expense	\$	500
Total, Speech Revolving.....	\$	500

Zoology

Account Number 00-32-79-100

1. James B. Kitzmiller, Professor.....	A }	\$ 14 700
Chairman of Department.....	B }	
2. L. A. Adams, Professor, <i>Emeritus</i>	R	.....
3. F. B. Adamstone, Professor.....	A	13 500
4. John O. Corliss, Professor.....	ZA	10 000
(Transferred to Trust)		
5. B. Vincent Hall, Professor.....	A	11 400
6. C. G. Hartman, Professor, <i>Emeritus</i>	R	.....
7. Donald F. Hoffmeister, Professor.....	ZAY	.....
8. Lester Ingle, Professor.....	A	11 200
9. S. Charles Kendeigh, Professor.....	A	13 400
10. Francis J. Kruidenier, Professor.....	A	10 000
11. R. R. Kudo, Professor, <i>Emeritus</i>	R	.....
12. Wilbur M. Luce, Professor.....	A	9 800
13. A. V. Nalbandov, Professor.....	ZAY	.....
14. David L. Nanney, Professor.....	A	13 300
15. C. Ladd Prosser, Professor.....	ZA	.....
16. V. E. Shelford, Professor, <i>Emeritus</i>	R	.....
17. Hobart M. Smith, Professor.....	A	12 500
(On leave with pay second semester 1961-62)		
18. Lyell J. Thomas, Professor, <i>Emeritus</i>	R	.....
19. Ray L. Watterson, Professor.....	A	16 000
20. Robert S. Bader, Associate Professor.....	A	8 700
21. R. S. Julian Hawes, Visiting Associate Professor.....	E	(10 000)
22. Max R. Matteson, Associate Professor.....	A	8 700
23. Hurst H. Shoemaker, Associate Professor.....	A	8 200
24. George W. Barlow, Assistant Professor.....	B	7 000
25. Wesley J. Birge, Assistant Professor.....	B	7 650
26. Walter J. Bock, Assistant Professor.....	B	7 000
27. Michael J. Greenberg, Assistant Professor.....	B	7 250
28. John D. Roslansky, Assistant Professor.....	B	7 000
29. ———, Assistant Professor.....	B	7 000
30. ———, Research Assistant	E	4 000
31. ———, Histological Technician.....	E	4 000

32. 17.50 Full Time Equivalent Assistants.....	E	70 000
33. 0.50 Full Time Equivalent Research Assistants.....	DY	2 450
Nonacademic Salaries		34 994
<i>Total, Salaries</i>		(319 744)
Wages.....		4 470
Expense.....		25 500
Equipment.....		12 000
<i>Total, Wages, Expense, and Equipment</i>		(41 970)
<i>Total, Zoology</i>		\$361 714

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION 10666

Account Number 46-32-79-355

1. John O. Corliss, Professor.....	ZD50	\$ 5 000
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U.S. PUBLIC HEALTH SERVICE H2775

Account Number 46-32-79-367

1. Madeline A. Huffnagle, Research Assistant.....	DY	\$ 4 900
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Classical and European Culture Museums

Account Number 00-32-81-100

1. William P. Donovan, Curator.....	ZB67	\$ 4 540
(Total Salary)		(6 800)
2. Florence Fletcher, Curator, <i>Emerita</i>	R	
<i>Total, Salaries</i>		(4 540)
Wages.....		3 150
Expense.....		650
Equipment.....		750
<i>Total, Wages, Expense, and Equipment</i>		(4 550)
<i>Total, Classical and European Culture Museums</i>		\$ 9 090

COLLEGE OF PHYSICAL EDUCATION**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 33 200	\$ 19 500	\$ 52 700
Health and Safety Education.....	86 583	4 500	91 083
Physical Education for Men.....	307 395	28 800	336 195
Physical Education for Women.....	191 350	20 900	212 250
Recreation.....	89 400	6 400	95 800
Student Rehabilitation Center.....	57 940	23 250	81 190
<i>Total, General</i>	\$765 868	\$103 350	\$869 218

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Physical Education Revolving.....		\$ 1 000	\$ 1 000
Rehabilitation Transportation Revolving.....		1 000	1 000
Estimated Endowment Income.....		170	170
<i>Total, Instruction</i>		(2 170)	(2 170)
<i>Organized Research</i>			
Estimated Private Gifts.....	6 000	10 500	16 500
<i>Extension and Public Services</i>			
Recreation Service Revolving.....		300	300
<i>Total, Restricted</i>	\$ 6 000	\$12 970	\$ 18 970

Administration

Account Number 00-36-01-100

1. King J. McCristal, Dean.....	ZBY	\$ 17 000
2. S. C. Staley, Dean and Professor, <i>Emeritus</i>	R	
3. Ashbury C. Moore, Jr., Assistant to Dean.....	ZDY75	6 900
(Total Salary)		(9 200)

Nonacademic Salaries	9 300
<i>Total, Salaries</i>	(33 200)
Wages	3 300
Expense	12 000
Contingent	2 000
Convention Travel	1 700
Nonrecurring Unassigned	(1 000)
Equipment	500
<i>Total, Wages, Expense, and Equipment</i>	(19 500)
<i>Total, Administration</i>	\$ 52 700

Health and Safety Education

Account Number 00-36-05-100

1. Howard S. Hoyman, Professor of Health Education and Head of Department.....	A	\$ 15 350
(On leave with pay second semester 1961-62)		
2. A. E. Florio, Professor of Safety Education.....	A	13 100
3. George T. Stafford, Professor of Health Education....	ZA75	9 450
(Total Salary)		(12 600)
4. Floyd E. Boys, Associate Professor of Health Education.....	AY	14 650
5. Gertrude B. Couch, Associate Professor of Health Education.....	A	8 250
6. Warren J. Huffman, Assistant Professor of Health Education	ZB75	7 350
Total Salary		(9 800)
7. Clyde A. Bridger, Lecturer in Health Education.....	E	.....
8. Isabelle M. Crawford, Lecturer in Health Education...	E	.....
9. E. L. Wittenborn, Jr., Lecturer in Health Education...	E	.....
10. Jobe L. Payne, Assistant in Health Education.....	E	5 500
11. 1.75 Full Time Equivalent Assistants.....	E	8 050
Nonacademic Salaries		4 883
<i>Total, Salaries</i>		(86 583)
Wages.....		1 000
Expense, General		3 000
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(4 500)
<i>Total, Health and Safety Education</i>		\$ 91 083

Physical Education for Men

Account Number 00-36-10-100

1. C. O. Jackson, Professor and Head of Department....	A	\$ 14 100
2. T. K. Cureton, Jr., Professor.....	A	15 750
3. Alfred W. Hubbard, Professor.....	A	10 350
4. H. E. Kenney, Professor.....	A	12 550
(On leave with pay second semester 1961-62)		
5. King J. McCristal, Professor.....	ZAY	.....
6. Douglas R. Mills, Professor.....	AY13	2 850
(Also paid \$20,150 by Athletic Association)		
7. Raymond Eliot, Associate Professor.....	A13	2 750
(Also paid \$16,450 by Athletic Association)		
8. Peter R. Elliott, Associate Professor.....	A13	2 500
(Also paid \$16,500 by Athletic Association)		
9. Burton A. Ingwersen, Associate Professor.....	A25	2 450
(Also paid \$13,150 by Athletic Association)		
10. R. E. Shelton, Associate Professor.....	AY	11 600
11. Alan J. Barry, Assistant Professor.....	B	8 250
12. Howard J. Braun, Assistant Professor.....	B50	3 900
(Also paid \$7,000 by Athletic Association)		
13. Melvin C. Brewer, Assistant Professor.....	B25	1 900
(Also paid \$13,300 by Athletic Association)		
14. Harry A. Combes, Assistant Professor.....	B20	1 800
(Also paid \$12,400 by Athletic Association)		

15. Lee P. Eilbracht, Assistant Professor.....	B25	2 200
(Also paid \$9,900 by Athletic Association)		
16. Ralph E. Fletcher, Assistant Professor.....	B50	4 500
(Also paid \$9,500 by Athletic Association)		
17. L. T. Johnson, Assistant Professor, <i>Emeritus</i>	R	.....
18. A. B. Klingel, Assistant Professor.....	B25	2 150
(Also paid \$9,150 by Athletic Association)		
19. Thomas F. Krizan, Assistant Professor.....	B	6 950
20. Asbury C. Moore, Jr., Assistant Professor.....	ZDY25	2 300
(Total Salary)		(9 200)
21. Timothy J. Nugent, Assistant Professor.....	ZBY	.....
22. H. C. Patterson, Assistant Professor.....	B	8 400
23. Buel R. Patterson, Assistant Professor.....	B25	2 000
(Also paid \$7,600 by Athletic Association)		
24. Richard H. Pohndorf, Assistant Professor.....	B	8 650
25. Charles P. Pond, Assistant Professor.....	B75	6 000
(Also paid \$3,500 by Athletic Association)		
(On leave with one-half pay 1961-62)		
26. E. J. Manley, Associate, <i>Emeritus</i>	R	.....
27. Richard A. Berger, Instructor.....	D	6 000
28. Edmund M. Bernauer, Instructor.....	D50	2 750
(Also paid \$3,550 by Athletic Association)		
29. Edward H. Heath, Instructor.....	ZD25	1 575
(Total Salary)		(6 300)
30. John T. Powell, Instructor.....	D75	5 400
31. Eugene C. Stauber, Instructor.....	D25	1 850
(Also paid \$8,300 by Athletic Association)		
32. _____, Instructor	D50	2 450
33. Linwood G. Bechtel, Assistant.....	E	5 200
34. J. Thomas Fisher, Assistant.....	E	5 350
35. Edward A. Gombos, Assistant.....	E	5 000
36. Bob D. Herndon, Assistant.....	E25	1 550
(Also paid \$5,950 by Athletic Association)		
37. William L. Hottinger, Assistant.....	E	6 100
38. Robert D. Leigh, Assistant.....	E	5 450
39. Robert L. Nicolette, Assistant.....	E13	900
(Also paid \$6,700 by Athletic Association)		
40. William Podoll, Jr., Assistant.....	E	5 100
41. _____, Assistant	D	5 000
42. _____, Assistant	E25	1 350
43. 13.25 Full Time Equivalent Assistants.....	E	55 650
44. 1.00 Full Time Equivalent Research Assistants.....	DY	6 300
45. Summer Sport Fitness.....	G	6 100
Nonacademic Salaries		44 420
Total, Salaries		(307 395)
Wages.....		2 000
Expense, General		24 200
Equipment		2 600
Total, Wages, Expense, and Equipment.....		(28 800)
Total, Physical Education for Men.....		\$336 195

Physical Education Revolving

Account Number 12-36-10-170

Expense	\$ 1 000
Total, Physical Education.....	\$ 1 000

Physical Education for Women

Account Number 00-36-20-100

1. Laura J. Huelster, Professor and Head of Department. A	\$ 12 750
2. Louise Freer, Professor, <i>Emerita</i>	R
3. Margaret Erlanger, Associate Professor.....	A
(On leave with one-half pay 1961-62)	8 400

4. Ann E. Jewett, Associate Professor.....	ZA25	2 175
(Total Salary)		(8 700)
5. Carita Robertson, Associate Professor.....	A	9 600
6. Olive G. Young, Associate Professor.....	A	8 200
7. Beulah J. Drom, Assistant Professor.....	ZB90	6 615
(Total Salary)		(7 350)
8. Mary Florence Lawson, Assistant Professor, <i>Emerita</i> ..	R	.....
9. Joan Nessler, Assistant Professor.....	B	6 500
10. Enid Schnauber, Assistant Professor.....	ZB80	5 840
(Total Salary)		(7 300)
11. Martha A. Aly, Instructor.....	D	5 600
12. Florence P. Cullen, Instructor.....	D	7 000
13. Jacqueline A. Dailey, Instructor.....	D	5 200
14. M. Lorraine Flower, Instructor.....	D	6 800
15. Marjorie M. Harris, Instructor.....	D	6 200
16. Helen J. Riley, Instructor.....	D	6 600
17. Mary H. Slaughter, Instructor.....	D	5 300
18. Marjorie A. Souder, Instructor.....	ZD80	4 800
(Total Salary)		(6 000)
19. Janis L. Stockman, Instructor.....	D	6 000
20. Alan R. Thomas, Instructor.....	ZD33	2 330
(Total Salary)		(6 990)
21. Sheila Van Beaumont, Instructor.....	D	5 100
22. Willis W. Ward, Jr., Instructor.....	D	5 650
23. Beverly D. Wilson, Instructor.....	D	5 600
24. ———, Instructor	D	6 050
25. Helga Deutsch, Assistant.....	E	5 050
26. 6.00 Full Time Equivalent Assistants.....	E	26 050
Nonacademic Salaries		21 940
<i>Total, Salaries</i>		(191 350)
Wages.....		3 100
Expense.....		15 300
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(20 900)
<i>Total, Physical Education for Women</i>		\$212 250

Recreation

Account Number 00-36-25-100

1. Charles K. Brightbill, Professor and Head of Department.....	A	\$ 16 300
2. Allen V. Sapora, Professor.....	A	11 150
3. Howard E. Weaver, Associate Professor.....	A	8 750
4. Maxwell R. Garret, Assistant Professor.....	B75	5 850
(Also paid \$3,850 by Athletic Association)		
5. Mary V. Frye, Instructor.....	D	6 850
6. Edward H. Storey, Instructor.....	DY	8 750
7. Rhodell E. Owens, Lecturer.....	G25	800
(First semester)		
8. Irene D. Pierson, Lecturer.....	ZDY	.....
9. ———, Assistant	E	5 600
10. 4.00 Full Time Equivalent Assistants.....	E	17 250
Nonacademic Salaries		8 100
<i>Total, Salaries</i>		(89 400)
Wages.....		2 100
Expense.....		3 800
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(6 400)
<i>Total, Recreation</i>		\$ 95 800

Recreation Service Revolving

Account Number 12-36-25-470

Expense.....	\$ 300
<i>Total, Recreation Service Revolving</i>	\$ 300

Student Rehabilitation Center

Account Number 00-36-30-100

1. Timothy J. Nugent, Director.....	ZBY	\$ 10 800
2. Charles D. Elmer, Instructor in Physical Education for Men.....	DY	7 800
3. _____, Instructor in Physical Education for Men.....	DY	6 500
4. Kenneth S. Clarke, Supervisor of Special Services with rank of Assistant.....	DY	7 000
5. 2.00 Full Time Equivalent Assistants.....	E	9 000
Nonacademic Salaries		16 840
<i>Total, Salaries</i>		(57 940)
Wages.....		14 350
Expense.....		8 500
Equipment.....		400
<i>Total, Wages, Expense, and Equipment</i>		(23 250)
<i>Total, Student Rehabilitation Center</i>		\$ 81 190

Rehabilitation Transportation Revolving

Account Number 12-36-30-172

Expense	\$ 1 000
<i>Total, Rehabilitation Transportation Revolving</i>	\$ 1 000

DIVISION OF UNIVERSITY EXTENSION

	General	Wages, Expense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Correspondence Courses.....	\$ 26 415	\$ 33 200	\$ 59 615
<i>Extension and Public Services</i>			
Administration.....	73 290	11 360	84 650
Conference Programs.....	57 642	4 500	62 142
Programs in Education.....	.....	3 000	3 000
Extramural Classes.....	80 910	281 220	362 130
Field Staff.....	34 020	10 500	44 520
Music Extension.....	45 165	4 900	50 065
Audio-Visual Aids.....	14 800	7 900	22 700
<i>Total, Extension and Public Services</i> ...	(305 827)	(323 380)	(629 207)
<i>Total, General</i>	\$332 242	\$356 580	\$688 822

Restricted

	Salaries	Wages, Expense, and Equipment	Total
<i>Extension and Public Services</i>			
Police Training Institute.....	\$ 22 858	\$ 27 142	\$ 50 000
Extramural Classes Revolving.....	.....	32 000	32 000
Short Courses and Conferences Revolving...	10 620	187 500	198 120
Music Extension Revolving.....	.....	80 000	80 000
Summer Speech Workshop Revolving.....	.....	2 100	2 100
Graphic Arts Revolving.....	62 670	180 000	242 670
Estimated Endowment Income.....	.....	3 000	3 000
<i>Total, Extension and Public Services</i> ...	(96 148)	(511 742)	(607 890)
<i>Auxiliary Enterprises</i>			
Allerton House Operations.....	51 896	91 000	142 896
<i>Total, Restricted</i>	\$148 044	\$602 742	\$750 786

Administration

Account Number 00-40-01-400

1. Stanley C. Robinson, Dean.....	ZBY	\$ 16 500
2. Gerald C. Carter, Assistant Dean.....	BY}	13 850
Professor of Psychology.....	AY}	
3. William D. Kerr, Supervisor of Testing and Counseling and Instructor in Psychology.....	DY	8 000

4. Helen Farlow, Editor of Information Service.....	DY	9 200
Nonacademic Salaries		25 740
<i>Total, Salaries</i>		(73 290)
Wages.....		2 160
Expense		6 500
Convention Travel		700
Nonrecurring Unassigned		(1 000)
Equipment		2 000
<i>Total, Wages, Expense, and Equipment</i>		(11 360)
<i>Total, Administration</i>		\$ 84 650

Correspondence Courses

Account Number 00-40-10-100		
1. Neil F. Garvey, Director.....	ZBY75	\$ 8 625
(Total Salary)		(11 500)
Nonacademic Salaries		17 790
<i>Total, Salaries</i>		(26 415)
Wages.....		26 400
Expense		6 050
Equipment		750
<i>Total, Wages, Expense, and Equipment</i>		(33 200)
<i>Total, Correspondence Courses</i>		\$ 59 615

Cooperative Investigations**STATE OF ILLINOIS — PUBLIC SAFETY AND FIRE PREVENTION**

Account Number 47-40-15-426

1. R. K. Newton, Supervisor of Fire Prevention.....	ZBY50	\$ 5 400
(Total Salary)		(10 800)
2. Samuel E. Crow, Extension Specialist.....	DY	7 900
3. Willford J. Eckert, Extension Specialist.....	DY	7 300
4. Joseph I. Feters, Extension Specialist.....	DY	10 600
<i>Total, State of Illinois—Public Safety and Fire Prevention</i>		\$ 31 200

Conference Programs

Account Number 00-40-20-400

1. Norman W. Johnson, Director of Short Courses and Conferences.....	ZBY}	\$ 14 000
Professor of Adult Education.....	AY}	
2. R. K. Newton, Supervisor of Engineering Extension with rank of Associate Professor.....	ZBY50	5 400
(Total Salary)		(10 800)
3. Hugh M. Davison, Extension Specialist.....	ZDY88	7 722
(Total Salary)		(8 850)
4. Romaine C. Wicklund, Extension Specialist.....	DY	7 450
Nonacademic Salaries		23 070
<i>Total, Salaries</i>		(57 642)
Wages.....		1 100
Expense		2 400
Expense, Programs in Education.....		3 000
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(7 500)
<i>Total, Conference Programs</i>		\$ 65 142

Short Courses and Conferences Revolving

Account Number 12-40-20-470

Nonacademic Salaries	\$ 10 620
<i>Total, Salaries</i>	(10 620)
Wages.....	35 000
Expense	152 000
Equipment	500
<i>Total, Wages, Expense, and Equipment</i>	(187 500)
<i>Total, Short Courses and Conferences Revolving</i>	\$198 120

Auxiliary—Allerton House Operation

Account Number 18-40-20-784

1. Norman W. Johnson, Director of Robert Allerton House	ZBY	\$ 51 896
Nonacademic Salaries		(51 896)
Total, Salaries		16 000
Wages		67 500
Expense		7 500
Equipment		(91 000)
Total, Wages, Expense, and Equipment		\$142 896
Total, Auxiliary—Allerton House Operation		

Police Training Institute

Account Number 03-40-22-400

1. Ervin H. Warren, Director	BY	\$ 11 300
2. Charles R. Taylor, Instructor	DY	7 550
3. Hugh M. Davison, Extension Specialist	ZDY12	1 128
(Total Salary)		(8 850)
Nonacademic Salaries		2 880
Total, Salaries		(22 858)
Wages		11 330
Expense		15 000
Equipment		812
Total, Wages, Expense, and Equipment		(27 142)
Total, Police Training Institute		\$ 50 000

Extramural Classes

Account Number 00-40-30-400

1. Scott B. York, Director of Extramural Classes with rank of Associate Professor	BY	\$ 11 800
2. Herman Erickson, Professor of Labor and Industrial Relations	ZAY50	6 300
(Total Salary)		(12 600)
3. Homer L. Gammill, Professor of Industrial Psychology	ZAY50	6 050
(Total Salary)		(12 100)
4. Phillips L. Garman, Professor of Labor and Industrial Relations	ZAY25	3 975
(Total Salary)		(15 900)
5. John F. Humes, Professor of Industrial Psychology	ZAY50	6 325
(Total Salary)		(12 650)
6. Richard R. Marsh, Professor of Food Technology	ZAY33	3 870
7. Daniel W. Snader, Professor of Education	ZA50	(4 200)
(Total Salary)		(8 400)
(On leave without pay first semester 1961-62)		
8. George T. Stafford, Professor of Physical Education	ZA25	3 150
(Total Salary)		(12 600)
9. Earl C. Wolfe, Professor of Labor and Industrial Relations	ZAY50	6 575
(Total Salary)		(13 150)
10. Warren J. Huffman, Assistant Professor of Health Education	ZB25	2 450
(Total Salary)		(9 800)
11. Milferd Lieberthal, Assistant Professor of Labor and Industrial Relations	ZBY50	4 475
(Total Salary)		(8 950)
12. Jimmy W. Seyler, Assistant Professor of Civil Engineering	ZBY50	5 150
(Total Salary)		(10 300)
13. _____, Instructor in Library Science	D50	3 400
14. Robert L. Johnston, Extension Specialist	DY	9 950
Nonacademic Salaries		7 440
Total, Salaries		(80 910)

Wages.....	185 600
Wages, Nonacademic Courses.....	4 620
Expense.....	86 300
Equipment.....	4 700
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(281 220)</i>
<i>Total, Extramural Classes.....</i>	<i>\$362 130</i>

Extramural Classes Revolving

Account Number 12-40-30-470

Wages.....	\$ 19 000
Expense.....	13 000
<i>Total, Extramural Classes Revolving.....</i>	<i>\$ 32 000</i>

Field Staff

Account Number 00-40-40-400

1. Walter V. Brown, Extension Specialist.....	DY	\$ 9 650
2. Arthur J. Proteau, Extension Specialist.....	DY	9 950
3. Fred W. Steuernagel, Extension Specialist.....	DY	8 750
Nonacademic Salaries.....		5 670
<i>Total, Salaries.....</i>		<i>(34 020)</i>
Expense.....		10 000
Equipment.....		500
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(10 500)</i>
<i>Total, Field Staff.....</i>		<i>\$ 44 520</i>

Music Extension

Account Number 00-40-50-400

1. Daniel J. Perrino, Acting Supervisor of Music Extension.....	ZDY	\$ 9 000
2. _____, Assistant to Director of Music Extension.....	ZBY	9 000
3. Gilbert R. Waller, Professor of Music Education.....	ZA50	5 125
<i>(Total Salary).....</i>		<i>(10 250)</i>
4. _____, Assistant Professor of Music Education.....	BY	8 000
Nonacademic Salaries.....		14 040
<i>Total, Salaries.....</i>		<i>(45 165)</i>
Wages.....		200
Expense.....		3 700
Equipment.....		1 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(4 900)</i>
<i>Total, Music Extension.....</i>		<i>\$ 50 065</i>

Music Extension Revolving

Account Number 12-40-50-470

Expense.....	\$ 80 000
<i>Total, Music Extension Revolving.....</i>	<i>\$ 80 000</i>

Summer Speech Workshop Revolving

Account Number 12-40-50-478

Expense.....	\$ 2 100
<i>Total, Summer Speech Workshop Revolving.....</i>	<i>\$ 2 100</i>

Audio-Visual Aids

Account Number 00-40-60-400

1. Thomas H. Boardman, Supervisor of Audio-Visual Aids with rank of Assistant Professor.....	BY	\$ 10 450
Nonacademic Salaries.....		4 350
<i>Total, Salaries.....</i>		<i>(14 800)</i>
Expense.....		3 900
Equipment.....		4 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(7 900)</i>
<i>Total, Audio-Visual Aids.....</i>		<i>\$ 22 700</i>

Visual Aids Revolving

Account Number 12-40-60-470

Nonacademic Salaries	\$ 62 670
<i>Total, Salaries</i>	(62 670)
Wages.....	10 000
Expense	155 000
Equipment	15 000
<i>Total, Wages, Expense, and Equipment</i>	(180 000)
<i>Total, Visual Aids Revolving</i>	\$242 670

COLLEGE OF VETERINARY MEDICINE**General**

	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
<i>Instruction</i>			
Administration.....	\$153 971	\$22 920	\$176 891
Contingent.....		3 000	3 000
Veterinary Anatomy and Histology.....	40 165	3 300	43 465
Veterinary Clinical Medicine.....	119 810	8 500	128 310
Veterinary Pathology and Hygiene.....	129 945	12 500	142 445
Veterinary Physiology and Pharmacology.....	48 245	4 000	52 245
<i>Total, Instruction</i>	(492 136)	(54 220)	(546 356)
<i>Organized Research</i>			
Center for Zoonoses Research.....	12 900	12 000	24 900
<i>Total, General</i>	\$505 036	\$66 220	\$571 256

Restricted

	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
<i>Instruction</i>			
Estimated U.S. Contracts.....		\$ 8 700	\$ 8 700
<i>Organized Activities Relating to Instruction</i>			
Veterinary Clinic Revolving.....	10 920	58 000	68 920
<i>Organized Research</i>			
Estimated Private Gifts.....	3 000	2 000	5 000
Estimated U.S. Contracts.....	36 000	34 500	70 500
<i>Total, Organized Research</i>	(39 000)	(36 500)	(75 500)
<i>Total, Restricted</i>	\$ 49 920	\$103 200	\$153 120

Administration

Account Number 00-44-01-100		
1. C. A. Brandly, Professor and Dean.....	ZBY75	\$ 16 125
(Total Salary)		(21 500)
2. Robert Graham, Professor and Dean, <i>Emeritus</i>	R	.....
3. _____, Assistant Dean.....	DY50	4 500
4. 0.50 Full Time Equivalent Assistant Editor.....	DY	3 040
Nonacademic Salaries		130 306
<i>Total, Salaries</i>		(153 971)
Wages.....		7 320
Expense		12 800
Contingent.....		3 000
Convention Travel		800
Nonrecurring Unassigned		(1 000)
Equipment		2 000
<i>Total, Wages, Expense, and Equipment</i>		(25 920)
<i>Total, Administration</i>		\$179 891

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE E2084

Account Number 46-44-01-366

1. Joan M. Schaeffer, Instructor in Veterinary Pathology and Hygiene	ZDY17	\$ 1 045
(Total Salary)		(4 600)

Veterinary Anatomy and Histology**Account Number 00-44-10-100**

1. L. E. St. Clair, Professor and Head of Department....	ZAY75	\$ 10 425
(Total Salary)		(13 900)
2. Ray D. Hatch, Professor.....	ZAY	.....
3. E. Travis Littledike, Instructor.....	ZDY	.....
4. Richard A. Notzold, Instructor.....	DY	7 300
5. Elizabeth J. Reeves, Instructor.....	DY	6 000
(On disability leave—University Retirement System)		
6. A. H. Safanie, Instructor.....	ZDY90	9 440
(Total Salary)		(10 500)
7. John E. Schmidt, Instructor.....	DY	7 000
Total, Salaries		(40 165)
Expense		2 300
Equipment		1 000
Total, Wages, Expense, and Equipment.....		(3 300)
Total, Veterinary Anatomy and Histology.....		\$ 43 465

Veterinary Clinical Medicine**Account Number 00-44-20-100**

1. Loyd E. Boley, Professor and Head of Department....	ZAY	\$ 17 200
2. Harry Hardenbrook, Jr., Professor.....	ZAY	13 200
3. Ray D. Hatch, Professor.....	ZAY	12 400
4. Alfred G. Schiller, Associate Professor.....	AY	12 900
5. Bruce Brodie, Assistant Professor.....	BY	9 500
6. James G. Eagelman, Assistant Professor.....	BY	9 000
7. Dragutin Maksic, Assistant Professor.....	BY	9 100
8. John P. Manning, Assistant Professor.....	BY	9 400
9. Thomas N. Phillips, Assistant Professor.....	BY	8 800
10. Robert L. Brewer, Instructor.....	ZDY70	5 180
(Total Salary)		(7 400)
11. Lloyd C. Helper, Instructor.....	ZDY70	5 430
(Total Salary)		(7 750)
12. Erwin Small, Instructor.....	DY	7 700
Total, Salaries		(119 810)
Expense		6 000
Equipment		2 500
Total, Wages, Expense, and Equipment.....		(8 500)
Total, Veterinary Clinical Medicine.....		\$128 310

Veterinary Clinic Revolving**Account Number 12-44-20-270**

Nonacademic Salaries	\$ 10 920
Total, Salaries	(10 920)
Expense	58 000
Total, Wages, Expense, and Equipment.....	(58 000)
Total, Veterinary Clinic Revolving.....	\$ 68 920

Veterinary Pathology and Hygiene**Account Number 00-44-30-100**

1. J. O. Alberts, Professor and Head of Department.....	ZAY65	\$ 10 530
(Total Salary)		(16 200)
2. Paul D. Beamer, Professor.....	ZAY75	9 750
(Total Salary)		(13 000)
(Transferred to Trust for two years from June 1, 1960)		
3. Loyd E. Boley, Professor.....	ZAY	.....
4. C. A. Brandly, Professor of Veterinary Microbiology and Public Health.....	ZAY	.....
5. Lyle E. Hanson, Professor.....	ZAY15	1 965
(Total Salary)		(13 100)

6. Norman D. Levine, Professor of Veterinary Parasitology.....	ZAY65	9 545
(Total Salary)		(14 700)
7. Miodrag Ristic, Professor.....	AY	14 500
8. Diego Segre, Professor of Veterinary Microbiology and Public Health	ZAY65	8 260
(Total Salary)		(12 700)
9. Joseph Simon, Professor.....	ZFY75	(9 750)
(Total Salary)		(13 000)
(Effective September 1, 1961, to April 30, 1962)		
(Paid from Item 2)		
10. Deam H. Ferris, Associate Professor.....	ZAY	13 500
11. Manford E. Mansfield, Associate Professor of Veterinary Extension	ZAY	.....
12. Jesse R. Pickard, Associate Professor of Veterinary Extension.....	ZAY40	4 600
(Total Salary)		(11 500)
13. Adolf M. Watrach, Associate Professor.....	AY	10 750
14. George T. Woods, Associate Professor of Veterinary Microbiology and Public Health.....	ZAY40	4 640
(Total Salary)		(11 600)
15. Harry E. Rhoades, Assistant Professor.....	BY	9 200
16. Thomas E. Fritz, Instructor.....	ZDY78	6 300
(Total Salary)		(8 000)
17. Virginia Ivens, Instructor.....	DY	6 370
18. Raymond E. Olsen, Instructor.....	DY	7 850
19. Joan M. Schaeffler, Instructor.....	ZDY50	3 075
(Total Salary)		(4 600)
20. _____, Instructor	DY25	1 500
21. Marion E. Compton, Assistant.....	DY	5 000
22. 0.50 Full Time Equivalent Assistants.....	DY	2 610
Total, Salaries		(129 945)
Expense		10 000
Equipment		2 500
Total, Wages, Expense, and Equipment.....		(12 500)
Total, Veterinary Pathology and Hygiene.....		\$142 445

Cooperative Investigations

AMERICAN BIRD PRODUCTS, INC. — DISEASE CONTROL

Account Number 44-44-30-303

1. Dennis K. Mann, Instructor..... DY75 \$ 4 850

U.S. PUBLIC HEALTH SERVICE E3077

Account Number 46-44-30-371

1. Richard D. Andrews, Assistant..... DY \$ 5 000

Veterinary Physiology and Pharmacology

Account Number 00-44-40-100

1. _____, Professor and Head of Department.... AY75 \$ 11 740

2. Harry Jr. Hardenbrook, Professor..... ZAY

3. Roger P. Link, Professor..... ZAY90 12 465

Equipment	1 000
<i>Total, Wages, Expense, and Equipment</i>	(4 000)
<i>Total, Veterinary Physiology and Pharmacology</i>	\$ 52 245

Cooperative Investigations**ARMOUR PHARMACEUTICAL — NEW DRUGS**

Account Number 44-44-40-303

1. F. B. Hembrough, Instructor.....	DY60	\$ 4 850
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Center for Zoonoses Research

Account Number 00-44-80-300

1. C. A. Brandly, Director.....	ZBY
2. Leroy D. Fothergill, Associate Director.....	BY40	\$ 5 000
Professor of Epidemiology.....	AY	
3. _____, Professor.....	AY60	7 900
<i>Total, Salaries</i>		(12 900)
Expense		12 000
<i>Total, Wages, Expense, and Equipment</i>		(12 000)
<i>Total, Center for Zoonoses Research</i>		\$ 24 900

ARMED FORCES**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Coordinator.....		\$ 2 200	\$ 2 200
Air Force Science.....	\$10 170	2 560	12 730
Military Science.....	10 500	3 900	14 400
Naval Science.....	4 380	2 150	6 530
<i>Total, General</i>	\$25 050	\$10 810	\$35 860

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Air Force Uniform Improvements Revolving... ..		\$1 200	\$ 1 200
Army R.O.T.C. Improvements Revolving.....		200	200
<i>Total, Restricted</i>		\$1 400	\$ 1 400

Coordinator

Account Number 00-50-01-100

1. Lyle H. Lanier, Coordinator of Armed Forces.....	ZBY	.....
Expense		\$ 2 000
Equipment		200
<i>Total, Coordinator</i>		\$ 2 200

Air Force Science

Account Number 00-50-10-100

1. Leonard J. Rohrs, Professor and Head of Department.....	AY	.....
2. Loren E. Decker, Administrative Officer.....	DY10	\$ 600
Nonacademic Salaries		9 570
<i>Total, Salaries</i>		(10 170)
Wages.....		160
Expense		1 950
Equipment		450
<i>Total, Wages, Expense, and Equipment</i>		(2 560)
<i>Total, Air Force Science</i>		\$ 12 730

Air Force Uniform Improvements Revolving

Account Number 12-50-10-186

Expense		\$ 1 200
<i>Total, Air Force Uniform Improvements Revolving..</i>		\$ 1 200

Military Science and Tactics

Account Number 00-50-30-100

1. Clair M. Worthy, Professor and Head of Department..	AY	.....
2. Myron D. Snook, Adjutant, R.O.T.C.....	DY10	\$ 600
Nonacademic Salaries		9 900
<i>Total, Salaries</i>		(10 500)
Wages.....		100
Expense		3 200
Equipment		600
<i>Total, Wages, Expense, and Equipment</i>		(3 900)
<i>Total, Military Science and Tactics</i>		\$ 14 400

Army R.O.T.C. Improvements Revolving

Account Number 12-50-30-188

Expense	\$ 200
<i>Total, Army R.O.T.C. Improvements Revolving</i>	\$ 200

Naval Science

Account Number 00-50-40-100

1. Vincent M. Dickerson, Professor and Head of Department.....	AY	.....
2. John L. Nuttall, Jr., Executive Officer.....	DY10	\$ 600
Nonacademic Salaries		3 780
<i>Total, Salaries</i>		(4 380)
Expense		1 850
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		(2 150)
<i>Total, Naval Science</i>		\$ 6 530

INSTITUTE OF AVIATION**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Institute of Aviation	\$347 495	\$ 87 417	\$434 912
<i>Total, General</i>	\$347 495	\$ 87 417	\$434 912

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Estimated Indirect Costs.....	\$ 3 000	\$ 5 000	\$ 8 000
<i>Organized Activities Relating to Instruction</i>			
Airport Revolving.....	66 450	253 000	319 450
Airplane Replacements Revolving.....	.....	25 000	25 000
<i>Total, Organized Activities Relating to Instruction</i>	(66 450)	(278 000)	(344 450)
<i>Total, Restricted</i>	\$ 69 450	\$283 000	\$352 450

Institute of Aviation

Account Number 00-52-10-100

1. Leslie A. Bryan, Director.....	ZBY	\$ 20 250
2. Jesse W. Stonecipher, Chief Flight Instructor.....	DY	13 100
3. Robert L. Ayers, Assistant Chief Flight Instructor...	DY	10 950
4. Kermit B. Anderson, Instructor.....	DY	9 600
5. Lester B. Applegate, Instructor.....	DY	9 600
6. Thomas H. Bailey, Instructor.....	DY	8 050
7. Omer Benn, Instructor.....	DY	10 200
8. Donald R. Chalus, Instructor.....	DY	8 600
9. Thomas H. Gordon, Instructor.....	DY	9 300
10. Eugene L. Haak, Instructor.....	DY	11 450
11. Herman W. Linder, Instructor.....	DY	7 500
12. Robert D. McFerren, Instructor.....	DY	8 600

13. Francis A. Meyer, Instructor.....	DY	7 900
14. John Richard Mylin, Instructor.....	DY	9 150
15. Thomas R. Titus, Instructor.....	DY	7 500
16. William D. Trulock, Instructor.....	DY	9 300
17. George J. Wilson, Instructor.....	DY	9 100
18. Walter E. Ditzler, Supervisor of Aircraft Maintenance Curriculum.....	DY	13 000
19. Nelwin C. Grimm, Supervising Engineer.....	DY	13 100
20. 0.50 Full Time Equivalent Assistants.....	DY	3 900
Nonacademic Salaries		147 345
<i>Total, Salaries</i>		(347 495)
Wages.....		59 367
Expense		18 000
Convention Travel		50
Equipment		10 000
<i>Total, Wages, Expense, and Equipment</i>		(87 417)
<i>Total, Institute of Aviation</i>		\$434 912

Airport Revolving

Account Number 12-52-10-270		
1. Louis M. McNair, Instructor.....	DY	\$ 6 600
2. 6.00 Full Time Equivalent Assistants.....	E	30 000
Nonacademic Salaries		29 850
<i>Total, Salaries</i>		(66 450)
Wages.....		33 000
Expense		220 000
<i>Total, Wages, Expense, and Equipment</i>		(253 000)
<i>Total, Airport Revolving</i>		\$319 450

Airplane Replacements Revolving

Account Number 12-52-10-272		
Equipment		\$ 25 000
<i>Total, Airplane Replacements Revolving</i>		\$ 25 000

INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS

Account Number 00-56-10-300		
1. Gilbert Y. Steiner, Director.....	BY}	\$ 15 500
Professor.....	AY}	
(On leave with pay for six months from September 1, 1961)		
2. Samuel K. Gove, Professor.....	AY	12 250
Acting Director (Six months from September 1, 1961)		.....
(On leave with pay for six months from March 1, 1962)		
3. James G. Coke, Associate Professor.....	ZAY	.....
4. Glenn W. Fisher, Associate Professor.....	AY	(11 000)
5. Thomas Page, Associate Professor.....	ZA67	5 670
(Total Salary)		(8 500)
6. Thomas J. Anton, Assistant Professor.....	B	7 200
7. Daniel J. Elazar, Assistant Professor.....	BY	8 400
8. James B. Holderman, Assistant Professor.....	B	6 600
9. 0.60 Full Time Equivalent Research Assistants.....	E	2 400
Nonacademic Salaries		9 900
<i>Total, Salaries</i>		(67 920)
Wages.....		530
Expense		9 500
Convention Travel		350
Equipment		100
<i>Total, Wages, Expense, and Equipment</i>		(10 480)
<i>Total, Institute of Government and Public Affairs</i>		\$ 78 400

Public Affairs Revolving

Account Number 12-56-10-370

Wages.....	\$ 1 000
Expense.....	4 000
<i>Total, Public Affairs Revolving.....</i>	<i>\$ 5 000</i>

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

General

<i>Organized Research</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Institute of Labor and Industrial Relations.....	\$276 945	\$23 350	\$300 295
<i>Total, General.....</i>	<i>\$276 945</i>	<i>\$23 350</i>	<i>\$300 295</i>

Restricted

<i>Organized Research</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Publications Revolving.....		\$ 2 400	\$ 2 400
Revolving General.....		1 500	1 500
Estimated Private Gifts.....	4 000	1 000	5 000
<i>Total, Restricted.....</i>	<i>\$ 4 000</i>	<i>\$ 4 900</i>	<i>\$ 8 900</i>

Institute of Labor and Industrial Relations

Account Number 00-60-10-300

1. Martin Wagner, Director.....	BY}	\$ 17 500
Professor.....	AY}	
2. W. Ellison Chalmers, Professor of Economics.....	ZAY	15 850
3. Milton Derber, Professor.....	AY	16 000
(On leave with pay for six months from September 1, 1961)		
4. Murray J. Edelman, Professor of Political Science.....	ZAY45	5 780
(Total Salary)		(12 850)
(Includes full time in summer)		
5. Herman Erickson, Professor.....	ZAY50	6 300
(Total Salary)		(12 600)
(On leave with pay for six months from September 1, 1961)		
6. Homer L. Gammill, Professor of Industrial Psychology.....	ZAY50	6 050
(Total Salary)		(12 100)
7. Phillips L. Garman, Professor.....	ZAY75	11 925
(Total Salary)		(15 900)
8. John F. Humes, Professor of Industrial Psychology..	ZAY50	6 325
(Total Salary)		(12 650)
9. Solomon B. Levine, Professor.....	AY	11 750
10. W. H. McPherson, Professor of Economics.....	ZAY	15 500
11. Adolf F. Sturmthal, Professor.....	A	14 950
12. Richard C. Wilcock, Professor.....	AY	11 750
13. Earl C. Wolfe, Professor.....	ZAY50	6 575
(Total Salary)		(13 150)
14. Margaret K. Chandler, Associate Professor of Sociology	ZA50	4 250
(Total Salary)		(8 500)
15. Bernard Karsh, Associate Professor of Sociology.....	ZAY75	9 110
(Total Salary)		(12 150)
16. Hjalmar Rosen, Associate Professor of Psychology.....	ZAY45	5 250
(Total Salary)		(11 650)
(Includes full time in summer)		
17. Harry C. Triandis, Associate Professor of Psychology.....	ZAY45	4 950
(Total Salary)		(11 000)
18. Andrew J. Wann, Associate Professor.....	AY	10 750
19. Barbara D. Dennis, Editor with rank of Assistant Professor	BY	8 600

20. Walter H. Franke, Assistant Professor.....	BY	8 600
21. Aaron Green, Librarian with rank of Assistant Professor	ZBY50	4 275
(Total Salary)		(8 550)
22. Milferd Lieberthal, Assistant Professor.....	ZBY50	4 475
(Total Salary)		(8 950)
23. Stanley Stark, Assistant Professor of Psychology.....	ZBY73	6 390
(Total Salary)		(8 750)
24. 4.00 Full Time Equivalent Research Assistants.....	E	16 000
25. 0.50 Full Time Equivalent Library Assistants.....	DY	2 490
26. 2.00 Summer Research Assistants.....	G	1 780
Nonacademic Salaries		43 770
Total, Salaries		276 945
Wages.....		3 150
Expense.....		16 700
Convention Travel		1 000
Equipment		2 500
Total, Wages, Expense, and Equipment.....		(23 350)
Total, Institute of Labor and Industrial Relations.....		\$300 295

Research Publications Revolving

Account Number 12-60-10-370

Expense	\$ 2 400
Total, Research Publications Revolving.....	\$ 2 400

Revolving General

Account Number 12-60-10-372

Expense	\$ 1 500
Total, Revolving General.....	\$ 1 500

JANE ADDAMS GRADUATE SCHOOL OF SOCIAL WORK

Account Number 00-68-10-100

1. _____, Director	BY}	\$ 17 500
Professor	AY}	
2. Marietta Stevenson, Director and Professor, <i>Emerita</i>	R	.....
3. W. Paul Simon, Assistant Director.....	BY}	15 000
Professor	AY}	
4. Jennette R. Gruener, Professor.....	A	10 650
5. Florence L. Poole, Professor.....	A	11 400
6. David E. Tanenbaum, Professor.....	AY	12 300
7. Margaret Holden, Associate Professor.....	AY	11 000
8. Donald E. Lathrope, Associate Professor.....	A	10 700
9. James E. McDonald, Associate Professor.....	A	9 800
10. Carol H. Preucil, Associate Professor.....	AY	.....
(See Chicago Professional Colleges)		
11. Mary C. Reese, Associate Professor.....	A	8 850
12. D. Katharine Rogers, Associate Professor, <i>Emerita</i>	R	.....
13. William Schwartz, Associate Professor.....	A	9 200
14. Lela B. Costin, Assistant Professor.....	D	7 000
15. 0.50 Full Time Equivalent Assistants.....	E	2 000
Nonacademic Salaries		22 770
Total, Salaries		(148 170)
Wages, Including Lecturers.....		5 250
Expense		12 500
Convention Travel		600
Equipment		1 600
Total, Wages, Expense, and Equipment.....		(19 950)
Total, Jane Addams Graduate School of Social Work		\$168 120

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE 2M6344

Account Number 46-68-10-166

1. Francis P. Purcell, Consultant with rank of Associate Professor.....	DY	\$ 9 750
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U.S. PUBLIC HEALTH SERVICE 2M6552

Account Number 46-68-10-365

I. L. Jane Wille, Consultant with rank of Associate Professor..... BY \$ 10 000

SUMMER SESSION

General		Wages, Ex- pense, and Equipment	Total
Instruction	Salaries		
Administration.....		\$ 5 300	\$ 5 300
Instruction.....	\$887 440		887 440
Child Development.....		200	200
Civil Engineering Camp.....	7 610		7 610
Education.....		2 960	2 960
Forestry.....		3 468	3 468
Geography.....		300	300
Recreation.....		2 890	2 890
Twelve-Week Term.....	131 915	3 085	135 000
Total, Instruction.....	(1 026 965)	(18 203)	(1 045 168)
Extension and Public Services			
Summer Session Youth Music.....	15 400	3 900	19 300
Summer Session Youth Speech.....	4 488	1 650	6 138
Total, Extension and Public Services.....	(19 888)	(5 550)	(25 438)
Total, General.....	\$1 046 853	\$23 753	\$1 070 606

Restricted

Instruction	Salaries	Wages, Ex- pense, and Equipment	Total
Estimated Private Gifts.....	\$ 4 000	\$ 6 000	\$ 10 000
Total, Restricted.....	\$ 4 000	\$ 6 000	\$ 10 000

Administration

Account Number 00-72-01-100	
Expense.....	\$ 5 300
Total, Administration.....	\$ 5 300

Instruction

Account Number 00-72-10-100	
I. Academic Salaries.....	G \$887 440
Total, Salaries.....	(887 440)
Wages, Education.....	960
Wages, Forestry.....	840
Wages, Recreation.....	
Expense, Child Development.....	200
Expense, Civil Engineering Camp.....	7 610
Expense, Education.....	2 000
Expense, Forestry.....	2 628
Expense, Geography.....	300
Expense, Recreation.....	2 890
Total, Wages, Expense, and Equipment.....	(17 428)
Total, Instruction.....	\$904 868

Twelve-Week Term

Account Number 00-72-12-100	
I. Academic Salaries.....	G \$131 915
Total, Salaries.....	(131 915)
Expense, Physical Education for Men.....	1 050
Expense, Physical Education for Women.....	1 353
Expense, Rehabilitation Center.....	682
Total, Wages, Expense, and Equipment.....	(3 085)
Total, Twelve-Week Term.....	\$135 000

Youth Music

Account Number 00-72-80-400

1. Academic Salaries	G	\$ 15 480
<i>Total, Salaries</i>		(15 480)
Wages		950
Expense		2 950
<i>Total, Wages, Expense, and Equipment</i>		(3 900)
<i>Total, Youth Music</i>		\$ 19 300

Youth Speech

Account Number 00-72-85-400

1. Academic Salaries	G	\$ 4 488
<i>Total, Salaries</i>		(4 488)
Expense		1 650
<i>Total, Wages, Expense, and Equipment</i>		(1 650)
<i>Total, Youth Speech</i>		\$ 6 138

UNIVERSITY PRESS

Account Number 00-78-10-400

1. Miodrag Muntyan, Director	BY)	\$ 15 000
With rank of Associate Professor	AY)	
2. H. E. Cunningham, Director and Professor, <i>Emeritus</i> ..	ZR	.....
3. Donald D. Jackson, Editor with rank of Professor	AY	13 500
4. Helen S. Sutherland, Editor with rank of Assistant Professor	BY	9 600
5. Rachel E. Anderson, Assistant Editor	DY	6 250
(On disability leave—University Retirement System)		
6. Elizabeth G. Dulany, Assistant Editor	DY	6 300
7. Mary Ruth Kelley, Production Editor	DY	9 200
8. Henry Ponleithner, Jr., Sales Manager	DY	11 300
9. Herbert L. Sterrett, Art Editor	DY	10 400
Nonacademic Salaries		26 580
<i>Total, Salaries</i>		(108 130)
Wages		200
Expense		6 900
Convention Travel		250
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		8 350
<i>Total, University Press</i>		\$116 480

Print Shop

Account Number 09-78-10-968

1. C. E. Herman, Superintendent	DY	\$ 13 700
<i>Total, Print Shop</i>		\$ 13 700

University Press Revolving

Account Number 12-78-10-470

Nonacademic Salaries	\$ 15 790
Expense	350 000
<i>Total, University Press Revolving</i>	\$365 790

INTERNATIONAL COOPERATION PROGRAMS**U.S. International Cooperation Administration C1220**

Account Number 46-79-10-434

1. Ralph C. Hay, Coordinator of International Coopera- tion Programs	ZAY33	\$ 4 500
(Total Salary)		(13 500)
2. Willis L. Emery, Professor of Electrical Engineering ..	ZDY	16 750
3. Julian R. Fellows, Professor of Mechanical Engineer- ing and Group Leader	ZDY	17 100
4. Henry L. Langhaar, Professor of Theoretical and Ap- plied Mechanics	ZDY	22 120
5. John C. Miles, Professor of Mechanical Engineering ..	ZDY	16 100

6. Francis Seyfarth, Professor of Mechanical Engineering ZFY (From September 1, 1961, to July 31, 1962)	13 700
<i>Total, U.S. International Cooperation Administration C1220</i>	<u>\$ 90 270</u>

U.S. International Cooperation Administration C1258

Account Number 46-79-10-435

1. Ralph C. Hay, Coordinator of International Cooperation Programs	ZAY33	\$ 4 500
2. R. J. Webb, Professor and Adviser to the Farm Manager (From September 1, 1961, to November 1, 1961)	ZFY	15 000
3. Paul D. Beamer, Professor of Veterinary Pathology and Hygiene and Adviser to the Dean of Veterinary Medicine	ZDY	15 200
4. William V. Lambert, Adviser to the Vice-Chancellor and Group Leader	DY	<u>22 000</u>
<i>Total, U.S. International Cooperation Administration C1258</i>		<u>\$ 56 700</u>

U.S. International Cooperation Administration C1453

Account Number 46-79-10-436

1. Ralph C. Hay, Coordinator of International Cooperation Programs	ZAY34	\$ 4 500
2. R. W. Jugenheimer, Assistant Coordinator of International Cooperation Programs (Total Salary)	ZBY25	3 600 (14 400)
3. W. D. Buddemeier, Professor of Farm Management and Group Leader	ZBY	13 700
4. D. E. Lindstrom, Professor of Rural Sociology (From September 1, 1961, to September 15, 1962)	ZFY	13 400
5. E. E. Ormiston, Associate Professor of Dairy Husbandry (From September 1, 1961, to February 14, 1963)	ZFY	12 300
<i>Total, U.S. International Cooperation Administration C1453</i>		<u>\$ 47 500</u>

LIBRARY AND LIBRARY SCHOOL

General		Wages, Expense, and Equipment	
Instruction	Salaries		Total
Graduate School of Library Science	\$ 124 140	\$ 7 170	\$ 131 310
<i>Libraries</i>			
Administration	101 405	723 857	825 262
Acquisition Department	158 275		158 275
Catalog Department	224 420		224 420
Circulation Department	100 910		100 910
Departmental Libraries	459 175		459 175
Reference Department	59 630		59 630
Serials Department	191 330		191 330
<i>Total, Libraries</i>	<u>(1 295 145)</u>	<u>(723 857)</u>	<u>(2 019 002)</u>
<i>Total, General</i>	<u>\$1 419 285</u>	<u>\$731 027</u>	<u>\$2 150 312</u>

Restricted		Wages, Expense, and Equipment	
Instruction	Salaries		Total
Library Trends Revolving	\$ 5 040	\$14 500	\$ 19 540
<i>Extension and Public Services</i>			
Library School Demonstration Revolving		5 100	5 100
<i>Libraries</i>			
Microfilm Revolving	3 420	5 500	8 920
<i>Total, Restricted</i>	<u>\$ 8 460</u>	<u>\$25 100</u>	<u>\$33 560</u>

Graduate School of Library Science

Account Number 00-80-05-100

1. R. B. Downs, Director.....	ZBY}	
Professor.....	AY}	
2. P. L. Windsor, Director and Professor, <i>Emeritus</i>	ZRA	
3. Adlore H. Lancour, Associate Director.....	BY}	
Professor.....	AY}	\$ 15 400
4. Anne M. Boyd, Professor, <i>Emerita</i>	R	
5. Thelma Eaton, Professor.....	A	10 200
6. Harold Goldstein, Professor.....	A	10 200
7. Frances B. Jenkins, Professor.....	A	12 200
8. Rose B. Phelps, Professor, <i>Emerita</i>	R	
9. Donald E. Strout, Professor.....	A	10 200
10. Ethel Bond, Associate Professor, <i>Emerita</i>	R	
11. Marie M. Hostetter, Associate Professor, <i>Emerita</i>	R	
12. William Vernon Jackson, Associate Professor.....	A	10 200
13. Winifred Ladley, Associate Professor.....	A	8 800
14. Alice Lohrer, Associate Professor.....	A	9 000
(On leave without pay 1961-62)		
15. Cora E. Thomassen, Assistant Professor.....	D	7 000
16. _____, Assistant.....	DY	5 400
17. 2.00 Full Time Equivalent Assistants.....	E	8 000
18. 0.50 Full Time Equivalent Research Assistants.....	E	2 000
Nonacademic Salaries.....		15 540
Total, Salaries.....		(124 140)
Wages.....		550
Expense.....		5 720
Convention Travel.....		600
Equipment.....		300
Total, Wages, Expense, and Equipment.....		(7 170)
Total, Graduate School of Library Science.....		\$131 310

Library Trends Revolving

Account Number 12-80-05-146

Nonacademic Salaries.....	\$ 5 040
Expense.....	14 500
Total, Library Trends Revolving.....	\$ 19 540

Graduate School of Library Science Demonstration Revolving

Account Number 12-80-05-418

Expense.....	\$ 5 100
Total, Graduate School of Library Science Demonstration Revolving.....	\$ 5 100

Illinois State Library Research Center

Account Number 47-80-05-378

1. Mary Lee Bundy, Director with rank of Research Assistant Professor.....	FY	\$ 9 500
(Effective July 1, 1961)		
Total, Illinois State Library Research Center.....		\$ 9 500

Library**Administration**

Account Number 00-80-10-500

1. R. B. Downs, Dean and Professor.....	ZBY	\$ 21 700
2. P. L. Windsor, Director and Professor, <i>Emeritus</i>	ZRA	
3. Arnold H. Trotter, Associate Director of Technical Departments.....	BY}	15 000
Professor of Library Administration.....	AY}	
4. Lucien W. White, Associate Director of Public Service Departments.....	BY}	14 700
Professor of Library Administration.....	AY}	

5. Mary Lois Bull, Personnel Librarian with rank of Associate Professor	AY	10 500
6. Robert F. Delzell, Library Administrative Assistant with rank of Associate Professor.....	AY	10 900
7. Josie B. Houchens, Assistant Librarian and Associate Professor, <i>Emerita</i>	R	.....
Nonacademic Salaries		28 605
<i>Total, Salaries</i>		(101 405)
Wages.....		134 465
Expense		53 000
Midwest Interlibrary Corporation.....		13 192
Convention Travel		2 200
Nonrecurring Unassigned		(3 000)
Equipment		10 000
Library Additions		511 000
Additions Nonrecurring		(10 000)
<i>Total, Wages, Expense, and Equipment</i>		(723 857)
<i>Total, Administration</i>		\$825 262

Microfilm Revolving

Account Number 12-80-10-552

Nonacademic Salaries	\$	3 420
Expense		5 500
<i>Total, Microfilm Revolving</i>		\$ 8 920

Acquisition Department

Account Number 00-80-20-500

1. Helen M. Welch, Acquisition Librarian and Associate Professor of Library Administration.....	AY	\$ 10 800
2. Alma DeJordy, Consultant in Bibliography with rank of Associate Professor.....	AY	10 000
3. Willia K. Garver, Assistant Librarian and Associate Professor, <i>Emerita</i>	R	.....
4. Esther M. Clausen, Documents Librarian with rank of Assistant Professor	BY	8 000
5. Kathleen M. Ruckman, Gift and Exchange Librarian with rank of Assistant Professor.....	BY	7 950
6. Marilyn Satterlee, Assistant Acquisition Librarian with rank of Assistant Professor.....	BY	8 200
7. Wacław W. Soroka, Bibliographer with rank of Assistant Professor	BY	8 000
8. Thomas E. Parks, Bibliographer with rank of Instructor	DY	6 700
9. Roy N. Van Note, Bibliographer with rank of Instructor.....	DY	6 600
10. ———, Bibliographer with rank of Instructor...	DY	6 400
11. Doris F. Dodds, Acquisition Assistant.....	DY	5 600
12. N. Ehernberger, Acquisition Assistant.....	DY	5 550
13. Elizabeth A. Hofsas, Acquisition Assistant.....	DY	5 400
14. George J. Rausch, Jr., Acquisition Assistant.....	DY	5 400
15. ———, Acquisition Assistant.....	DY	5 400
16. 0.50 Full Time Equivalent Assistants.....	DY	2 700
Nonacademic Salaries		55 575
<i>Total, Acquisition Department</i>		\$158 275

Catalog Department

Account Number 00-80-30-500

1. Marian Harman, Catalog Librarian and Associate Professor of Library Administration.....	AY	\$ 10 300
2. Louise F. Lodge, Assistant Catalog Librarian with rank of Assistant Professor.....	BY	8 600
3. Betty M. E. Croft, Catalog Reviser with rank of Assistant Professor	BY	9 000

4. C. U. Faye, Bibliographic Consultant with rank of Assistant Professor, <i>Emeritus</i>	R	.....
5. Clarissa O. Lewis, Cataloger with rank of Assistant Professor.....	BY	7 900
6. Cleo Lichtenberger, Catalog Reviser with rank of Assistant Professor, <i>Emerita</i>	R	.....
7. Edith M. Marshall, Catalog Reviser with rank of Assistant Professor.....	BY	8 000
8. Ann M. Potter, Catalog Reviser with rank of Assistant Professor.....	BY	8 600
9. Katherine M. Wheeler, Catalog Reviser with rank of Assistant Professor, <i>Emerita</i>	R	.....
10. Dorothy B. Clark, Cataloger with rank of Instructor....	DY	6 500
11. Edythe J. Kirk, Cataloger with rank of Instructor....	DY	7 100
12. Lellia S. McLaughlin, Cataloger with rank of Instructor, <i>Emerita</i>	R	.....
13. Laurence H. Miller, Cataloger with rank of Instructor	DY	6 000
14. Herbert Lyman Searcy, Cataloger with rank of Instructor.....	DY	7 000
15. Florence M. Sheehan, Cataloger with rank of Instructor	DY	6 200
16. Dmytro M. Shtohryn, Cataloger with rank of Instructor	DY	7 000
17. Allan M. Wilson, Cataloger with rank of Instructor....	DY	6 600
18. Helen Zachman, Cataloger with rank of Instructor....	DY	5 900
19. _____, Cataloger with rank of Instructor.....	DY	7 000
20. Constance M. Ashmore, Catalog Assistant.....	DY	5 500
21. Donald L. Foster, Catalog Assistant.....	DY	5 400
22. Josephine Sun, Catalog Assistant.....	DY	5 500
23. Karen Y. Young, Catalog Assistant.....	DY	5 500
24. 2.00 Full Time Equivalent Assistants.....	DY	10 000
Nonacademic Salaries		80 820
Total, Catalog Department.....		\$224 420

Circulation Department

Account Number 00-80-40-500

1. Robert W. Oram, Circulation Librarian and Associate Professor of Library Administration.....	AY	\$ 10 750
2. Margaret Jean Lokke, Assistant Circulation Librarian with rank of Assistant Professor.....	BY	8 600
3. Helen T. Stewart, Assistant Circulation Librarian with rank of Assistant Professor, <i>Emerita</i>	R	.....
4. Emma R. Jutton, Circulation Librarian and Associate, <i>Emerita</i>	R	.....
5. Robert W. Kidder, Circulation Assistant with rank of Instructor.....	DY	6 400
6. Cecelia McCarthy, Extension Loans Librarian with rank of Instructor.....	DY	6 550
7. William V. Nash, Bookstacks Librarian with rank of Instructor.....	DY	7 000
8. Betty R. Wilson, Extramural Loans Librarian with rank of Instructor.....	DY	5 900
9. 3.00 Full Time Equivalent Assistants.....	DY	15 150
Nonacademic Salaries		40 560
Total, Circulation Department.....		\$100 910

Departmental Libraries

Account Number 00-80-50-500

1. Bernita J. Davies, Law Librarian and Professor of Library Administration	AY	\$ 11 450
2. Lyle E. Bamber, Natural History Librarian and Associate Professor of Library Administration.....	AY	10 750
3. D. A. Brown, Agriculture Librarian and Associate Professor of Library Administration.....	AY	10 850

4. Ruth T. Power, Chemistry Librarian and Associate Professor of Library Administration.....	AY	10 750
5. Cerilla E. Saylor, Architecture Librarian and Associate Professor of Library Administration.....	AY	10 850
6. Joseph Allen, Human Relations Librarian with rank of Assistant Professor	BY	7 650
7. Hilda J. Alseth, English Librarian and Assistant Professor, <i>Emerita</i>	R	.....
8. Eva Faye Benton, English Language and Literature Librarian with rank of Assistant Professor.....	BY	8 600
9. Eleanor Blum, Journalism Librarian with rank of Assistant Professor	BY	8 000
10. Leonard Coburn, Engineering Librarian and Assistant Professor of Library Administration.....	BY	8 950
11. Marian T. Estep, Veterinary Medicine Librarian with rank of Assistant Professor.....	BY	8 600
12. Isabelle F. Grant, Rare Book Room Librarian with rank of Assistant Professor.....	BY	8 600
13. Aaron Green, Labor and Industrial Relations Librarian with rank of Assistant Professor.....	ZBY50	4 275 (8 550)
14. Florence M. Harding, German and Romance Languages Librarian with rank of Assistant Professor.....	BY	8 600
15. Edward G. Holley, Education, Philosophy, and Psychology Librarian with rank of Assistant Professor.....	BY	8 500
16. Icko Iben, Newspaper Librarian and Archivist with rank of Assistant Professor.....	BY	8 050
17. Edith C. Jones, Classics Librarian with rank of Assistant Professor	BY	7 850
18. Mary Jane MacDonald, Commerce Librarian with rank of Assistant Professor.....	BY	8 600
19. Nelle M. Signor, History and Political Science Librarian and Assistant Professor, <i>Emerita</i>	R	.....
20. Eunice Toussaint, History and Political Science Librarian with rank of Assistant Professor.....	BY	7 950
21. Mary A. Vance, City Planning and Landscape Architecture Librarian with rank of Assistant Professor.....	BY	7 650
22. Robert C. White, Map and Geography Librarian with rank of Assistant Professor.....	BY	8 250
23. Jo Ann Wiles, Library School Librarian and Assistant Professor of Library Administration.....	BY	8 600
24. Thor E. Wood, Music Librarian with rank of Assistant Professor in Library Administration.....	BY	7 850
25. ———, Assistant Architecture Librarian with rank of Assistant Professor.....	BY	8 050
26. Winifred M. Alleman, Agriculture Library Assistant with rank of Instructor.....	DY	6 550
27. Avis A. Ball, Home Economics Librarian with rank of Instructor.....	DY	6 950
28. Désirée de Charms, Music Library Assistant with rank of Instructor	DY	6 600
29. Mary J. Eilert, University High School Librarian with rank of Instructor in Library Administration...	DY	6 400
30. Dorothy A. Foulk, Law Library Assistant with rank of Instructor	DY	6 250
31. Hallet Gildersleeve, Undergraduate Librarian with rank of Instructor	DY	7 400
32. Sylvia C. Gilmore, Browsing Room Librarian with rank of Instructor	DY	6 500
33. Nancy L. Heater, English Library Assistant with rank of Instructor	DY	5 850
34. Audrey Iversen, Geology Librarian with rank of Instructor.....	DY	6 550

35. John P. Kennedy, Commerce and Sociology Library Assistant with rank of Instructor.....	DY	6 100
36. Martha Landis, Illini Union Browsing Room Librarian with rank of Instructor.....	DY	6 050
37. John M. Lindsey, Assistant Law Librarian with rank of Instructor.....	DY	7 000
38. Fleming Montgomery, Natural History Library Assistant with rank of Instructor.....	DY	6 550
39. Theo Nelson, Physical Education Librarian with rank of Instructor.....	DY	6 950
40. Fina C. Ott, Commerce and Sociology Librarian with rank of Instructor, <i>Emerita</i>	R	.....
41. Barbara O. Slanker, Library Assistant with rank of Instructor.....	DY	5 850
42. Richard G. Smith, Undergraduate Library Assistant with rank of Instructor.....	DY	6 850
43. Ralph H. Stenstrom, Education, Philosophy, and Psychology Library Assistant with rank of Instructor....	DY	6 550
44. E. S. Warrick, Mathematics Librarian with rank of Instructor.....	DY	6 100
45. D. Dean Willard, Assistant Law Librarian with rank of Instructor.....	DY	6 500
46. ———, Physics Librarian with rank of Instructor.....	DY	7 150
47. Jocelyn Armstrong, Architecture Library Assistant....	DY	5 400
48. Suzanne N. Clayton, Rare Book Room Assistant.....	DY	5 500
49. L. Patricia Ellis, Architecture Library Assistant.....	DY	5 500
50. Dianne Walker, Undergraduate Library Assistant....	DY	5 650
51. ———, Chemistry Library Assistant.....	DY	5 400
52. 1.00 Full Time Equivalent Assistants.....	DY	5 000
Nonacademic Salaries.....		96 750
<i>Total, Departmental Libraries.....</i>		<i>\$459 175</i>

Reference Department

Account Number 00-80-60-500

1. T. E. Ratcliffe, Jr., Reference Librarian and Associate Professor of Library Administration.....	AY	\$ 10 750
2. Dorothy M. Black, Associate Reference Librarian with rank of Assistant Professor.....	BY	9 150
3. Fanny Dunlap, Reference Librarian and Assistant Professor, <i>Emerita</i>	R	.....
4. Elizabeth B. Hulsey, Assistant Reference Librarian with rank of Instructor.....	DY	5 850
5. Francis Rodgers, Assistant Reference Librarian with rank of Instructor.....	DY	6 550
6. Janet L. Waitz, Assistant Reference Librarian with rank of Instructor.....	DY	5 850
7. Joyce C. Werner, Assistant Reference Librarian with rank of Instructor.....	DY	6 900
8. Joseph C. Zderad, Assistant Reference Librarian with rank of Instructor.....	DY	6 200
9. 0.50 Full Time Equivalent Assistants.....	DY	2 500
Nonacademic Salaries.....		5 880
<i>Total, Reference Department.....</i>		<i>\$ 59 630</i>

Serials Department

Account Number 00-80-35-500

1. William H. Huff, Serials Librarian and Associate Professor of Library Administration.....	AY	\$ 10 500
2. Rebecca Briggs, Assistant Serials Librarian with rank of Assistant Professor.....	BY	8 500

3. Esther W. Ancil, Bibliographer and Serials Consultant with rank of Assistant Professor.....	BY	7 900
4. Charlotte S. Ayers, Serials Cataloger with rank of Instructor.....	DY	6 400
5. Ruth A. Bedford, Serials Reviser with rank of Instructor.....	DY	6 700
6. Norman B. Brown, Serials Reviser with rank of Instructor.....	DY	7 600
7. Sally T. Burg, Serials Reviser with rank of Instructor.....	DY	7 100
8. Lily C. Gara, Bibliographer with rank of Instructor....	DY	6 300
9. F. E. Mansfield, Jr., Serials Cataloger with rank of Instructor.....	DY	6 500
10. Walter D. Morrill, Binding Librarian with rank of Instructor.....	DY	6 600
11. Irene L. Phillippe, Bibliographer with rank of Instructor.....	DY	6 500
12. Virginia Rubinstein, Serials Cataloger with rank of Instructor.....	DY	5 850
13. May Smith, Serials Cataloger with rank of Instructor, Emerita.....	R	.....
14. ———, Serials Cataloger with rank of Instructor.....	DY	6 800
15. Hsien F. Hsieh, Serials Assistant.....	DY	5 400
16. Karl D. Kroeger, Serials Assistant.....	DY	5 400
17. Philip W. Lindell, Binding Assistant.....	DY	5 800
18. Dorine Reifler, Serials Assistant.....	DY	5 500
19. 100 Full Time Equivalent Assistants.....	DY	5 000
Nonacademic Salaries		70 980
Total, Serials Department.....		\$191 330

PHYSICAL PLANT

General

Physical Plant	Salaries	Wages, Expense, and Equipment	Total
Administration.....	\$204 120	\$ 57 000	\$ 261 120
Renewal and Replacement.....		1 000	1 000
Building Operation.....	26 760	1 275 750	1 302 510
Fire Prevention and Safety.....	8 960	219 950	228 910
Renewal and Replacement.....		28 400	28 400
Police and Watchmen.....	13 980	217 700	231 680
Renewal and Replacement.....		4 000	4 000
Building Maintenance.....	46 560	688 200	734 760
Renewal and Replacement.....		227 084	227 084
General Maintenance.....	18 510	457 500	476 010
Renewal and Replacement.....		6 500	6 500
Grounds.....	4 823	236 500	241 323
Renewal and Replacement.....		16 800	16 800
Transportation.....	4 823	133 400	138 223
Renewal and Replacement.....		17 750	17 750
Heat, Light, and Power.....	49 380	989 850	1 039 230
Athletic Association.....		25 000	25 000
Renewal and Replacement.....		8 000	8 000
Water Station.....	7 180	141 020	148 200
Illini Union Building.....		40 120	40 120
President's House.....		9 980	9 980
Replacements.....		3 500	3 500
Prevailing Wage Rate Unassigned.....		303 309	303 309
Assembly Hall Utilities.....	13 000	249 000	262 000
Operation of New Areas.....		4 000	4 000
Reservations and Information.....	11 510	2 005	13 515
Telephone — Chicago Lines.....		6 000	6 000
Total, General.....	\$409 606	\$5 369 318	\$5 778 924

	Restricted	Wages, Ex- pense, and Equipment	Total
<i>Physical Plant</i>	<i>Salaries</i>		
Estimated Indirect Costs.....	\$ 8 650	\$ 8 650	
<i>Auxiliary Enterprises</i>			
Cooperative Houses Operation.....	\$ 6 650	36 707	43 357
Emergency Housing Operation.....	16 520	310 447	326 967
Arbor Suites Operation.....	13 450	115 572	129 022
Temporary Family Housing.....	14 280	223 864	238 144
Trust — Allen Halls Operation.....	36 660	593 446	630 106
Trust — Busey-Evans Halls Operation.....	36 350	285 120	321 470
Trust — Fourth Street Halls Operation.....	43 230	659 080	702 310
Trust — Gregory Drive Halls Operation.....	30 990	1 561 293	1 592 283
Trust — Housing Revenue Bond Properties Operation.....	120 570	4 028 780	4 149 350
Trust — Lincoln Avenue Residence Operation	44 930	400 709	445 639
Trust — Taft and Van Doren Halls Opera- tion.....	21 270	173 227	194 497
Permanent Staff Housing.....		48 408	48 408
Trust — Goodwin Avenue Apartments Opera- tion.....		105 781	105 781
Trust — Green Street Apartments Operation		86 014	86 014
Trust — Race Street and Florida Avenue Housing Operation.....		48 257	48 257
Trust — Illini Union			
General Building.....	126 930	395 298	522 228
Food Service.....	100 370	783 896	884 266
Billiards.....	1 650	9 836	11 486
Bowling Alleys.....	4 950	29 315	34 265
Bookstore.....	18 040	693 161	711 201
<i>Total, Restricted</i>	\$636 840	\$10 596 861	\$11 233 701

Auxiliary Enterprises Student Fees Pledged for Bond Issues

The following amounts of student fees are authorized to be withheld during 1961-62 to supplement the income of various bond issues. The amounts estimated to be actually used during the year are shown in parentheses.

	Authorized	Estimated Actual
Dormitory Revenue Bonds of 1956 (Taft and Van Doren).....	\$ 56 250	\$ (29 985)
Women's Residence Halls of 1956 (Allen).....	68 750	(68 750)
Men's Residence Halls of 1957 (Gregory Drive).....	297 000	(66 363)
Housing Revenue Bonds.....	600 000	(434 902)
<i>Total</i>	\$1 022 000	\$(600 000)

Administration

Account Number 00-82-01-600		
1. C. S. Havens, Director.....	BY	\$ 22 000
2. John Doak, Superintendent of Buildings and Grounds..	BY	17 500
3. Ernest L. Stouffer, Architect.....	BY	15 500
4. R. S. Chamberlin, Director of Division of Campus De- velopment.....	DY	14 600
5. James V. Edsall, Planning Coordinator with rank of Assistant Professor.....	BY	11 300
6. Donald C. Neville, Research Specialist with rank of Assistant Professor.....	BY	8 900
Nonacademic Salaries.....		114 320
<i>Total, Salaries</i>		(204 120)
Wages.....		34 600
Expense.....		22 150

Convention Travel	250
Renewals and Replacements.....	1 000
Estimates and Alterations Unassigned.....	(50 000)
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(58 000)</i>
<i>Total, Administration</i>	<i>\$262 120</i>

Building Operation

Account Number 00-82-05-600	
Nonacademic Salaries	\$ 26 760
<i>Total, Salaries</i>	<i>(26 760)</i>
Wages.....	1 163 500
Expense	110 250
Renewals and Replacements.....	2 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(1 275 750)</i>
<i>Total, Building Operation.....</i>	<i>\$1 302 510</i>

Indirect Costs — 906 South Sixth Street

Account Number 40-82-05-640	
Expense	\$ 8 650
<i>Total, Indirect Costs — 906 South Sixth Street.....</i>	<i>\$ 8 650</i>

Fire Prevention and Safety

Account Number 00-82-10-600	
Nonacademic Salaries	\$ 8 960
<i>Total, Salaries</i>	<i>(8 960)</i>
Wages.....	200 000
Expense	19 950
Renewals and Replacements.....	28 400
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(248 350)</i>
<i>Total, Fire Prevention and Safety.....</i>	<i>\$257 310</i>

Police and Watchmen

Account Number 00-82-15-600	
Nonacademic Salaries	\$ 13 980
<i>Total, Salaries</i>	<i>(13 980)</i>
Wages.....	200 200
Expense	17 500
Renewals and Replacements.....	4 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(221 700)</i>
<i>Total, Police and Watchmen.....</i>	<i>\$235 680</i>

Building Maintenance

Account Number 00-82-20-600	
Nonacademic Salaries	\$ 46 560
<i>Total, Salaries</i>	<i>(46 560)</i>
Wages.....	561 450
Expense	126 750
Renewals and Replacements.....	227 084
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(915 284)</i>
<i>Total, Building Maintenance.....</i>	<i>\$961 844</i>

General Maintenance

Account Number 00-82-25-600	
Nonacademic Salaries	\$ 18 510
<i>Total, Salaries</i>	<i>(18 510)</i>
Wages.....	405 000
Expense	52 500
Renewals and Replacements.....	6 500
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(464 000)</i>
<i>Total, General Maintenance.....</i>	<i>\$482 510</i>

Grounds

Account Number 00-82-30-600	
Nonacademic Salaries	\$ 4 823
<i>Total, Salaries</i>	(4 823)
Wages.....	203 300
Expense	33 200
Renewals and Replacements.....	16 800
<i>Total, Wages, Expense, and Equipment</i>	(253 300)
<i>Total, Grounds</i>	<u>\$258 123</u>

Transportation

Account Number 00-82-35-600	
Nonacademic Salaries	\$ 4 823
<i>Total, Salaries</i>	(4 823)
Wages.....	84 400
Expense	49 000
Renewals and Replacements.....	17 750
<i>Total, Wages, Expense, and Equipment</i>	(151 150)
<i>Total, Transportation</i>	<u>\$155 973</u>

Heat, Light, and Power

Account Number 00-82-40-600	
Nonacademic Salaries	\$ 49 380
<i>Total, Salaries</i>	(49 380)
Wages.....	567 750
Expense	422 100
Expense, Athletic Association.....	25 000
Renewals and Replacements.....	8 000
<i>Total, Wages, Expense, and Equipment</i>	(1 022 850)
<i>Total, Heat, Light, and Power</i>	<u>\$1 072 230</u>

Water Station

Account Number 00-82-45-600	
Nonacademic Salaries	\$ 7 180
<i>Total, Salaries</i>	(7 180)
Wages.....	35 220
Expense	105 800
<i>Total, Wages, Expense, and Equipment</i>	(141 020)
<i>Total, Water Station</i>	<u>\$148 200</u>

Illini Union Building

Account Number 00-82-60-600	
Rental for University Functions.....	\$ 5 000
Rental for Space.....	10 120
Fee Exemptions	15 000
University Club Operation.....	10 000
<i>Total, Illini Union Building</i>	<u>\$ 40 120</u>

President's House

Account Number 00-82-62-600	
Expense	\$ 9 980
Renewals and Replacements.....	3 500
<i>Total, President's House</i>	<u>\$ 13 480</u>

Prevailing Wage Rate Unassigned

Account Number 00-82-63-600	
Wages.....	<u>\$303 309</u>
<i>Total, Prevailing Wage Rate Unassigned</i>	<u>\$303 309</u>

Assembly Hall Utilities

Account Number 00-82-64-600	
1. Thomas P. Parkinson, Director.....	DY \$ 13 000
<i>Total, Salaries</i>	(13 000)

Expense	249 000
<i>Total, Wages, Expense, and Equipment</i>	<u>(249 000)</u>
<i>Total, Assembly Hall Utilities</i>	\$262 000

Operation of New Areas

Account Number 00-82-65-600

Expense	\$ 4 000
<i>Total, Operation of New Areas</i>	\$ 4 000

Reservations and Information

Account Number 00-82-66-600

Nonacademic Salaries	\$ 11 510
<i>Total, Salaries</i>	(11 510)
Wages	1 315
Expense	690
<i>Total, Wages, Expense, and Equipment</i>	(2 005)
<i>Total, Reservations and Information</i>	\$ 13 515

Telephone — Chicago Lines

Account Number 00-82-69-600

Expense	\$ 6 000
<i>Total, Telephone — Chicago Lines</i>	\$ 6 000

Architectural Studies for Future Buildings

Account Number 06-82-70-905

1. John E. Baerwald, Professor of Traffic Engineering.... ZA20	\$ 2 000
(Total Salary)	(10 000)
2. George W. Greenwood, Research Associate in Civil Engineering.... ZD50	3 500
(Total Salary)	(7 000)
<i>Total, Architectural Studies for Future Buildings</i>	\$ 5 500

Auxiliary Enterprises**Residence Halls Administration**

Account Number 18-82-80-700

1. V. L. Kretschmer, Director of Auxiliary Services..... ZDY50	\$ (9 000)
(Perquisites University — one meal)	
(Total Salary)	(18 000)
2. Paul J. Doebel, Jr., Director of Housing..... DY	(13 500)
(Perquisites University — one meal)	
3. Stanley W. Rahn, Assistant Director of Housing for Counseling and Residence Operations..... DY	(11 000)
4. James E. Crawford, Supervisor of Counseling and Operations in Men's Residence Halls..... DY	(7 000)
(Perquisites University — room and board)	
Nonacademic Salaries	(284 890)
<i>Total, Salaries</i>	(343 390)
Wages	(209 910)
Expense	(165 760)
Equipment	(5 400)
<i>Total, Wages, Expense, and Equipment</i>	(381 070)
<i>Total, Residence Halls Administration</i>	\$724 460

Cooperative Houses Operation

Account Number 18-82-80-712

1. Mary E. Garrard, House Director of Gamma House... ZG63	\$ 1 500
(Perquisites University — room and board)	
(Total Salary)	(2 150)
(Ten months from September 1, 1961)	
2. Ruth C. Anderson, House Director of Beta House..... ZG63	1 500
(Perquisites University — room and board)	
(Total Salary)	(2 150)
(Ten months from September 1, 1961)	

3. Louise M. Camey, House Director of Delta House.... G	2 150
(Perquisites University—room and board)	
(Ten months from September 1, 1961)	
4. Mae Real, House Director of Alpha House..... ZG63	1 500
(Perquisites University—room and board)	
(Total Salary)	(2 150)
(Ten months from September 1, 1961)	
Total, Salaries	(6 650)
Expense	36 707
Total, Cooperative Houses Operation.....	\$ 43 357

Emergency Housing Operation

Account Number 18-82-80-722

1. 0.25 Full Time Equivalent Assistants..... G25	\$ 400
Nonacademic Salaries	16 120
Total, Salaries	(16 520)
Wages	95 609
Expense	214 838
Total, Wages, Expense, and Equipment.....	(310 447)
Total, Emergency Housing Operation.....	\$326 967

Arbor Suites Operation

Account Number 18-82-80-731

1. Fern H. Telling, Coordinator, Arbor Village..... G	\$ 4 450
(Perquisites University—room and board)	
(Ten months from September 1, 1961)	
2. ———, Resident Assistant, Arbor Village..... G	1 600
(Perquisites University—room and board)	
(Ten months from September 1, 1961)	
3. ———, Resident Assistant, Arbor Village..... G	1 600
(Perquisites University—room and board)	
(Ten months from September 1, 1961)	
4. ———, Resident Assistant, Arbor Village..... G	1 600
(Perquisites University—room and board)	
(Ten months from September 1, 1961)	
5. 1.50 Full Time Equivalent Assistants..... G	4 200
Total, Salaries	(13 450)
Wages	6 151
Expense	109 421
Total, Wages, Expense, and Equipment.....	(115 572)
Total, Arbor Suites Operation.....	\$129 022

Temporary Family Housing

Account Number 18-82-80-748

Nonacademic Salaries	\$ 14 280
Total, Salaries	(14 280)
Wages	1 058
Expense	222 806
Total, Temporary Family Housing.....	\$238 144

Trust—Allen Halls Operation

Account Number 48-82-80-702

1. Alice W. Cotter, Head Resident..... G	\$ 5 209
(Perquisites University—room and board)	
(Ten months from September 1, 1961)	
2. Virginia Ellis, Head Resident..... G	5 000
(Perquisites University—room and board)	
(Ten months from September 1, 1961)	
3. ———, Resident Assistant..... G	1 600
(Perquisites University—room and board)	
(Ten months from September 1, 1961)	

4. _____, Resident Assistant..... G	1 600
(Perquisites University—room and board)	
(Ten months from September 1, 1961)	
5. _____, Resident Assistant..... G	1 600
(Perquisites University—room and board)	
(Ten months from September 1, 1961)	
6. _____, Resident Assistant..... G	1 600
(Perquisites University—room and board)	
(Ten months from September 1, 1961)	
7. 2.75 Full Time Equivalent Assistants..... G	12 560
Nonacademic Salaries	7 500
Total, Salaries	(36 660)
Wages.....	122 901
Expense	304 189
Debt Service	166 356
Total, Wages, Expense, and Equipment.....	(593 446)
Total, Trust—Allen Halls Operation.....	\$630 106

Trust—Busey-Evans Halls Operation

Account Number 48-82-80-708

1. Eleanor E. Grinnell, Head Resident, Evans Hall..... G	\$ 4 600
(Perquisites University—room and board)	
(Ten months from September 1, 1961)	
2. Catherine N. Wells, Head Resident, Busey Hall..... G	4 600
(Perquisites University—room and board)	
(Ten months from September 1, 1961)	
3. 1.50 Full Time Equivalent Assistants..... G	7 560
Nonacademic Salaries	19 590
Total, Salaries	(36 350)
Wages.....	98 440
Expense	159 936
Debt Service	26 744
Total, Wages, Expense, and Equipment.....	(285 120)
Total, Trust—Busey-Evans Halls Operation.....	\$321 470

Trust—Fourth Street Halls Operation

Account Number 48-82-80-726

1. Margaret M. Bevan, Head Resident..... G	\$ 4 800
(Perquisites University—room and board)	
(Ten months from September 1, 1961)	
2. Faye M. Colman, Resident Assistant..... G	1 800
(Perquisites University—room and board)	
(Ten months from September 1, 1961)	
3. Laurellen Porter, Head Resident..... G	4 450
(Perquisites University—room and board)	
(Ten months from September 1, 1961)	
4. _____, Resident Assistant..... G	1 600
(Perquisites University—room and board)	
(Ten months from September 1, 1961)	
5. _____, Resident Assistant..... G	1 600
(Perquisites University—room and board)	
(Ten months from September 1, 1961)	
6. 2.63 Full Time Equivalent Assistants..... G	5 700
Nonacademic Salaries	23 280
Total, Salaries	(43 230)
Wages.....	186 787
Expense	395 858
Debt Service	76 435
Total, Wages, Expense, and Equipment.....	(659 080)
Total, Trust—Fourth Street Halls Operation.....	\$702 310

Trust — Gregory Drive Halls Operation

Account Number 48-82-80-733

1. Mark J. Archer, Assistant Manager and Head Resident, Men's Residence Halls.....	DY	\$ 3 600
(Perquisites University — room and board)		
Nonacademic Salaries		27 390
<i>Total, Salaries</i>		(30 990)
Wages.....		378 334
Expense		792 338
Debt Service		390 621
<i>Total, Wages, Expense, and Equipment</i>		(1 561 293)
<i>Total, Trust — Gregory Drive Halls Operation</i>		\$1 592 283

Trust — Housing Revenue Bond Properties Operation

Account Number 48-82-80-734

1. Calvin S. Sifferd, Assistant Manager and Head Resident, Men's Residence Halls.....	DY	\$ 8 000
(Perquisites University — one meal)		
2. Louis D. Liay, Assistant Manager and Head Resident, Men's Residence Halls.....	DY	4 800
(Perquisites University — room and board)		
3. Rosemary B. Thompson, Head Resident, Graduate Halls.....	DY50	2 400
(Perquisites University — room)		
Nonacademic Salaries		105 370
<i>Total, Salaries</i>		(120 570)
Wages.....		640 863
Expense		2 350 512
Debt Service		1 037 405
<i>Total, Wages, Expense, and Equipment</i>		(4 028 780)
<i>Total, Trust — Housing Revenue Bond Properties Operation</i>		\$4 149 350

Trust — Lincoln Avenue Residence Operation

Account Number 48-82-80-746

1. Louise Prince, Head Resident.....	G	\$ 4 800
(Perquisites University — room and board)		
(Ten months from September 1, 1961)		
2. Betty K. Shoulders, Assistant Head Resident.....	G	4 700
(Perquisites University — board)		
(Ten months from September 1, 1961)		
3. ———, Head Resident.....	G	4 700
(Perquisites University — room and board)		
(Ten months from September 1, 1961)		
4. 1.50 Full Time Equivalent Assistants.....	G	7 560
Nonacademic Salaries		23 170
<i>Total, Salaries</i>		(44 930)
Wages.....		109 990
Expense		249 545
Debt Service		41 174
<i>Total, Wages, Expense, and Equipment</i>		(400 709)
<i>Total, Trust — Lincoln Avenue Residence Operation</i> ..		\$445 639

Trust — Taft and Van Doren Houses Operation

Account Number 48-82-80-782

1. Helen A. Hawkins, Head Resident, Taft House.....	G	\$ 4 800
(Perquisites University — room and board)		
(Ten months from September 1, 1961)		
2. Florence Ritchie, Head Resident, Van Doren House....	G	4 500
(Perquisites University — room and board)		
(Ten months from September 1, 1961)		
3. 2.00 Full Time Equivalent Assistants.....	G	10 080
Nonacademic Salaries		1 890
<i>Total, Salaries</i>		(21 270)

Wages.....	27 096
Expense.....	71 921
Debt Service.....	74 210
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(173 227)</i>
<i>Total, Trust—Taft and Van Doren Houses Operation</i>	<i>\$194 497</i>

Permanent Staff Housing

Account Number 18-82-85-755

Wages.....	\$ 488
Expense.....	47 920
<i>Total, Permanent Staff Housing.....</i>	<i>\$ 48 408</i>

Trust—Goodwin Avenue Apartments Operation

Account Number 48-82-85-752

Wages.....	\$ 8 146
Expense.....	40 245
Debt Service.....	57 390
<i>Total, Trust—Goodwin Avenue Apartments Operation.....</i>	<i>\$105 781</i>

Trust—Green Street Apartments Operation

Account Number 48-82-85-753

Wages.....	\$ 8 146
Expense.....	31 790
Debt Service.....	46 078
<i>Total, Trust—Green Street Apartments Operation..</i>	<i>\$ 86 014</i>

Trust—Race Street and Florida Avenue Housing Operation

Account Number 48-82-85-758

Expense.....	\$ 36 864
Debt Service.....	11 393
<i>Total, Trust—Race Street and Florida Avenue Housing Operation.....</i>	<i>\$ 48 257</i>

Illini Union—General Building

Account Number 48-82-90-710

1. Earl F. Finder, Director of Illini Union.....	DY	\$ 12 750
(Perquisites University—one meal)		
2. Irene D. Pierson, Social Director of Illini Union.....	ZDY	9 800
(Perquisites Employee—one meal)		(84)
3. ———, Assistant, College, Union, and Recreation	ZE	4 000
Nonacademic Salaries.....		100 380
<i>Total, Salaries.....</i>		<i>(126 930)</i>
Wages.....		182 839
Expense.....		212 459
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(395 298)</i>
<i>Total, Illini Union—General Building.....</i>		<i>\$522 228</i>

Illini Union—Food Service

Account Number 48-82-90-720

Nonacademic Salaries.....	\$100 370
<i>Total, Salaries.....</i>	<i>(100 370)</i>
Wages.....	318 838
Expense.....	465 058
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(783 896)</i>
<i>Total, Illini Union—Food Service.....</i>	<i>\$884 266</i>

Illini Union—Billiards

Account Number 48-82-90-730

Nonacademic Salaries.....	\$ 1 650
<i>Total, Salaries.....</i>	<i>(1 650)</i>
Wages.....	7 213

Expense	2 623
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(9 836)</i>
<i>Total, Illini Union — Billiards.....</i>	<i>\$ 11 486</i>

Illini Union — Bowling Alleys

Account Number 48-82-90-740

Nonacademic Salaries	\$ 4 950
<i>Total, Salaries</i>	<i>(4 950)</i>
Wages	13 692
Expense	15 623
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(29 315)</i>
<i>Total, Illini Union — Bowling Alleys.....</i>	<i>\$ 34 265</i>

Illini Union — Bookstore

Account Number 48-82-90-770

Nonacademic Salaries	\$ 18 040
<i>Total, Salaries</i>	<i>(18 040)</i>
Wages	47 700
Expense	645 461
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(693 161)</i>
<i>Total, Illini Union — Bookstore.....</i>	<i>\$711 201</i>

STUDENT AID**Restricted**

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Student Aid</i>			
Estimated Indirect Costs.....	\$ 61 000	\$ 61 000	\$ 61 000
Estimated Endowment Income.....	130 000	130 000	130 000
Estimated Private Gifts.....	\$10 000	540 000	550 000
Estimated U.S. Contracts.....		696 500	696 500
<i>Total, Restricted.....</i>	<i>\$10 000</i>	<i>\$1 427 500</i>	<i>\$1 437 500</i>

CHICAGO PROFESSIONAL COLLEGES**APPROPRIATIONS****General**

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Administration and General.....</i>	<i>\$ 759 189</i>	<i>\$ 146 625</i>	<i>\$ 905 814</i>
<i>Instruction</i>			
Medicine.....	3 530 753	411 805	3 942 558
Dentistry.....	947 628	130 315	1 077 943
Pharmacy.....	526 118	61 440	587 558
Graduate College.....	8 100	1 200	9 300
College of Nursing.....	183 840	15 750	199 590
Physical Education.....	17 400	8 000	25 400
<i>Total, Instruction.....</i>	<i>(5 213 839)</i>	<i>(628 510)</i>	<i>(5 842 349)</i>
<i>Organized Activities Relating to Instruction</i>			
Research and Educational Hospitals.....	3 439 798	3 082 038	6 521 836
<i>Organized Research</i>			
Graduate College.....		20 000	20 000
Aeromedical Laboratory.....	80 252	19 880	100 132
<i>Total, Organized Research.....</i>	<i>(80 252)</i>	<i>(39 880)</i>	<i>(120 132)</i>
<i>Extension and Public Services</i>			
Crippled Children.....	370 500	1 394 320	1 764 820
Libraries.....	91 290	58 375	149 665
Physical Plant.....	294 187	2 708 415	3 002 602
<i>Student Aid</i>			
Graduate College.....		20 000	20 000
<i>Total, General.....</i>	<i>\$10 249 055</i>	<i>\$8 078 163</i>	<i>\$18 327 218</i>

Restricted		Wages, Ex- pense, and Equipment	
	Salaries		Total
<i>Administration and General</i>	\$ 31 600	\$ 24 200	\$ 55 800
<i>Instruction</i>			
Medicine.....	221 700	263 900	485 600
Dentistry.....	25 000	5 000	30 000
<i>Total, Instruction</i>	(246 700)	(268 900)	(515 600)
<i>Organized Activities Relating to Instruction</i>			
Research and Educational Hospitals.....	110 186	167 305	277 491
<i>Organized Research</i>			
Medicine.....	1 000 000	700 000	1 700 000
Dentistry.....	157 500	83 500	241 000
Pharmacy.....	27 000	20 000	47 000
Graduate College.....	10 000	45 500	55 500
Institute for Tuberculosis Research.....	77 857	38 643	116 500
<i>Total, Organized Research</i>	(1 272 357)	(887 643)	(2 160 000)
<i>Extension and Public Services</i>			
Dentistry.....		2 600	2 600
Crippled Children.....	328 775	462 689	791 464
<i>Total, Extension and Public Services</i>	(328 775)	(465 289)	(794 064)
<i>Auxiliary Enterprises</i>			
Physical Plant.....	62 499	1 058 840	1 121 339
<i>Student Aid</i>			
Scholarships and Fellowships.....	7 000	50 500	57 500
<i>Total, Restricted</i>	\$2 059 117	\$2 922 677	\$4 981 794

ADMINISTRATION AND GENERAL

General		Wages, Ex- pense, and Equipment	
	Salaries		Total
<i>Administration and General</i>			
Vice-President's Office.....	\$ 34 700	\$ 6 850	\$ 41 550
Health Service.....	86 796	6 900	93 696
Illustration Studios.....	69 510	6 055	75 565
Student Affairs.....	34 320	3 420	37 740
Medical Research Laboratory.....	42 968	2 900	45 868
Business Office.....	277 515	66 700	344 215
Auditing.....	37 310	1 400	38 710
Admissions and Records.....	44 820	8 350	53 170
Nonacademic Personnel.....	88 270	14 150	102 420
Public Information.....	21 980	10 500	32 480
Broadcasting.....	21 000	3 400	24 400
General Expenses.....		16 000	16 000
<i>Total, General</i>	\$759 189	\$146 625	\$905 814

Restricted		Wages, Ex- pense, and Equipment	
	Salaries		Total
<i>Administration and General</i>			
Estimated Indirect Costs.....	\$30 800	\$21 000	\$51 800
Estimated Endowment Income.....	800	2 200	3 000
Estimated Private Gifts.....		1 000	1 000
<i>Total, Restricted</i>	\$31 600	\$24 200	\$55 800

Vice-President's Office

Account Number 05-06-10

1. Joseph S. Begando, Vice-President in charge of the Chicago Professional Colleges.....	BY	\$ 21 500
Nonacademic Salaries.....		13 200
<i>Total, Salaries</i>		(34 700)
Wages.....		950

Expense	5 200
Convention Travel	400
Equipment	300
<i>Total, Wages, Expense, and Equipment</i>	(6 850)
<i>Total, Vice-President's Office</i>	\$ 41 550

Health Service

Account Number 05-06-15

1. Marvin J. Colbert, Director	ZBY	\$ 16 150
2. Joseph H. Filip, Associate Director	DY	12 200
3. Jutta Koik, Physician	ZDY40	5 600
4. Clifton C. Rhead, Psychiatric Consultant	ZBY20	3 300
5. George T. Georgiou, Physician	DY60	6 500
6. Eduard Huesing, Physician	DY30	3 300
7. Alice B. Racher, Physician	DY20	2 300
8. Eugene Sawczyn, Physician	DY50	6 000
9. Hans Schnitzler, Physician	DY30	3 000
10. _____, Physician	DY50	6 600
Nonacademic Salaries		21 846
<i>Total, Salaries</i>		(86 796)
Wages		2 200
Expense		4 200
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(6 900)
<i>Total, Health Service</i>		\$ 93 696

Medical Research Laboratory

Account Number 05-06-17

1. William C. Dolowy, Administrator	DY	\$ 13 900
Nonacademic Salaries		29 068
<i>Total, Salaries</i>		(42 968)
Wages		2 300
Expense		400
Equipment		200
<i>Total, Wages, Expense, and Equipment</i>		(2 900)
<i>Total, Medical Research Laboratory</i>		\$ 45 868

Student Affairs

Account Number 05-06-32

1. Maurice Galbraith, Dean of Student Affairs	BY	\$ 15 150
2. F. C. Dalla, Director of Chicago Housing Division	ZDY	19 170
Nonacademic Salaries		(34 320)
<i>Total, Salaries</i>		500
Wages		2 320
Expense		600
Equipment		(3 420)
<i>Total, Wages, Expense, and Equipment</i>		\$37 740
<i>Total, Student Affairs</i>		

Illustration Studios

Account Number 05-06-39

1. A. Hooker Goodwin, Professor of Medical and Dental Illustration and Head of Department	AY	\$ 14 650
2. T. S. Jones, Professor, <i>Emeritus</i>	R	.....
3. Emil W. Hospodar, Assistant Professor of Medical and Dental Illustration	BY	10 600
4. Ramona Morgan, Instructor in Medical and Dental Illustration	ZDY90	5 940
(Total Salary)		(6 600)
Nonacademic Salaries		38 320
<i>Total, Salaries</i>		(69 510)
Wages		3 250

Expense	2 805
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(6 055)</i>
<i>Total, Illustration Studios.....</i>	<i>\$ 75 565</i>

Cooperative Investigations

TRUST — ANONYMOUS — VISUAL EDUCATION

Account Number 50-22-05

1. Ramona Morgan, Instructor in Medical and Dental Illustration.....	ZDY10	\$ 660
<i>Total, Trust — Anonymous — Visual Education.....</i>		<i>\$ 660</i>

Business Office

Account Number 05-06-20

1. James E. Osborn, Business Manager of the Chicago Colleges and Divisions.....	ZDY	\$ 15 500
Nonacademic Salaries, Business Manager.....		24 450
Nonacademic Salaries, Accounting.....		46 665
Nonacademic Salaries, Collections.....		18 720
Nonacademic Salaries, Payroll.....		22 280
Nonacademic Salaries, Purchasing.....		63 500
Nonacademic Salaries, General Clerical.....		86 400
<i>Total, Salaries</i>		<i>(277 515)</i>
Wages.....		8 950
Expense		54 550
Equipment		3 200
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(66 700)</i>
<i>Total, Business Office.....</i>		<i>\$344 215</i>

Trust — Indirect Costs — Business Office

Account Number 56-06-03

Nonacademic Salaries	\$ 21 425
Expense	18 000
<i>Total, Trust — Indirect Costs — Business Office.....</i>	<i>\$ 39 425</i>

Auditing

Account Number 05-06-23

Nonacademic Salaries	\$ 37 310
<i>Total, Salaries</i>	<i>(37 310)</i>
Wages.....	400
Expense	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(1 400)</i>
<i>Total, Auditing</i>	<i>\$ 38 710</i>

Trust — Indirect Costs — Auditing

Account Number 56-06-04

Nonacademic Salaries	\$ 1 460
Expense	150
<i>Total, Trust — Indirect Costs — Auditing.....</i>	<i>\$ 1 610</i>

Admissions and Records

Account Number 05-06-25

1. George R. Moon, Associate Dean.....	DY	\$ 14 900
Nonacademic Salaries		29 920
<i>Total, Salaries</i>		<i>(44 820)</i>
Wages.....		650
Expense		7 000
Equipment		700
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(8 350)</i>
<i>Total, Admissions and Records.....</i>		<i>\$ 53 170</i>

Nonacademic Personnel

Account Number 05-06-30

1. George F. McGregor, Associate Director.....	DY	\$ 14 950
Nonacademic Salaries		73 320
<i>Total, Salaries</i>		<i>(88 270)</i>

Wages.....	1 000
Expense	12 450
Equipment	780
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(14 150)</i>
<i>Total, Nonacademic Personnel.....</i>	<i>\$102 420</i>

Indirect Costs — Nonacademic Personnel

Account Number 56-06-02

Nonacademic Salaries	\$ 9 600
Expense	840
<i>Total, Indirect Costs — Nonacademic Personnel.....</i>	<i>\$ 10 440</i>

Public Information

Account Number 05-06-35

1. Max Isaac Light, Chicago Manager.....	DY	\$ 10 500
Nonacademic Salaries		11 480
<i>Total, Salaries</i>		<i>(21 980)</i>
Wages.....		600
Expense		3 900
Faculty-Alumni Newsletter		5 600
Equipment		400
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(10 500)</i>
<i>Total, Public Information.....</i>		<i>\$ 32 480</i>

Broadcasting

Account Number 05-06-36

Nonacademic Salaries	\$ 21 000
<i>Total, Salaries.....</i>	<i>(21 000)</i>
Wages.....	100
Expense	3 000
Equipment	300
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(3 400)</i>
<i>Total, Broadcasting</i>	<i>\$ 24 400</i>

General Expenses

Account Number 05-06-65

Commencement Expense	\$ 4 000
Research Exhibits Expense.....	1 500
Incidental and Emergency.....	4 000
Nonrecurring Unassigned	(35 000)
Estimates and Alterations Unassigned.....	(30 000)
Vice-President's Contingent	1 500
General Publications	2 000
Public Functions	1 000
Nonacademic Disability Benefits.....	1 000
University Lectures	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(16 000)</i>
<i>Total, General Expenses.....</i>	<i>\$ 16 000</i>

COLLEGE OF MEDICINE**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 107 706	\$ 36 237	\$ 143 943
Postgraduate.....		1 000	1 000
Anatomy.....	192 694	18 300	210 994
Biological Chemistry.....	175 851	21 250	197 101
Clinical Science.....	1 040	1 200	2 240
Dermatology.....	66 068	5 900	71 968
Medical Social Work.....	176 575	7 300	183 875
Medicine.....	359 938	20 510	380 448
Microbiology.....	186 522	14 100	200 622

	Salaries	Wages, Expense, and Equipment	Total
Neurology and Neurological Surgery.....	152 770	28 270	181 040
Obstetrics and Gynecology.....	103 820	9 050	112 870
Occupational Therapy.....	115 760	13 400	129 160
Ophthalmology.....	111 154	11 050	122 204
Orthopaedic Surgery.....	74 632	10 000	84 632
Otolaryngology.....	154 778	11 000	165 778
Pathology.....	252 832	18 350	271 182
Pediatrics.....	139 095	12 393	151 488
Pharmacology.....	145 498	16 770	162 268
Physical Medicine and Rehabilitation.....	52 310	2 700	55 010
Physiology.....	204 782	27 000	231 782
Presbyterian—St. Luke's Hospital.....		60 775	60 775
Preventive Medicine.....	59 740	5 050	64 790
Psychiatry.....	278 168	17 100	295 268
Public Health.....	33 750	2 800	36 550
Radiology.....	147 740	14 100	161 840
Surgery.....	237 530	26 200	263 730
<i>Total, General</i>	\$3 530 753	\$411 805	\$3 942 558

Restricted

	Salaries	Wages, Expense, and Equipment	Total
<i>Instruction</i>			
Epilepsy Clinic Revolving.....\$	4 800	\$ 300	\$ 5 100
Toxicology Revolving.....	3 300	4 700	8 000
Estimated Indirect Costs.....	18 800	58 700	77 500
Estimated Endowment Income.....	300	2 700	3 000
Estimated Private Gifts.....	90 000	30 000	120 000
Estimated U.S. Contracts.....	104 500	167 500	272 000
<i>Total, Instruction</i>	(221 700)	(263 900)	(485 600)
<i>Organized Research</i>			
Estimated Private Gifts.....	300 000	200 000	500 000
Estimated U.S. Contracts.....	700 000	500 000	1 200 000
<i>Total, Organized Research</i>	(1 000 000)	(700 000)	(1 700 000)
<i>Total, Restricted</i>	\$1 221 700	\$963 900	\$2 185 600

Administration

Account Number 05-12-03		
1. Granville A. Bennett, Dean.....	ZBY	\$ 25 500
2. Donald J. Caseley, Associate Dean.....	ZBY	.....
3. William J. Grove, Associate Dean.....	ZBY	19 000
4. George E. Miller, Director of Research in Medical Education.....	ZBY	19 000
5. _____ Assistant Dean.....	DY	12 000
6. Unassigned Salaries.....		716
Nonacademic Salaries.....		31 490
<i>Total, Salaries</i>		(107 706)
Wages.....		1 400
Expense, General.....		17 537
Contingent.....		10 000
Convention Travel.....		6 400
Equipment.....		900
<i>Total, Wages, Expense, and Equipment</i>		(36 237)
<i>Total, Administration</i>		\$143 943

Cooperative Investigations**TRUST — MEDICAL EDUCATION RESEARCH COMMONWEALTH FUND****Account Number 50-05-10**

1. Lawrence A. Fisher, Associate Director of Research in Medical Education.....	ZBY	\$ 13 600
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Postgraduate

Account Number 05-12-10

Wages.....	\$ 209
Expense, General	809
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(1 000)</i>
<i>Total, Postgraduate</i>	<i>\$ 1 000</i>

Anatomy

Account Number 05-12-18

1. S. R. M. Reynolds, Professor and Head of Department. AY	\$ 21 000
(On leave with pay August, 1962, to January, 1963)	
2. Washington Buño, Lecturer with rank of Professor.... DY	12 500
3. A. R. Cooper, Professor, <i>Emeritus</i> R	.....
4. E. Lloyd DuBrul, Professor..... ZAY	.....
5. O. F. Kampmeier, Professor, <i>Emeritus</i> R	.....
6. Robert H. Krehbiel, Professor..... A	12 500
7. James C. Plagge, Professor..... AY	15 300
8. Parke H. Simer, Professor..... A	13 500
9. Gerhard von Bonin, Professor, <i>Emeritus</i> R	.....
10. Arnold A. Zimmermann, Professor, <i>Emeritus</i> R	.....
11. Yngve Joranson, Associate Professor, <i>Emeritus</i> R	.....
12. Arthur La Velle, Associate Professor..... AY	11 500
(On leave with pay October, 1961, to March, 1962)	
13. Vincent J. Defeo, Assistant Professor..... BY	9 700
14. L. M. H. Larramendi, Assistant Professor..... BY	10 200
15. Edith K. MacRae, Assistant Professor..... BY	9 800
16. Helen C. Maibenco, Assistant Professor..... BY	9 200
17. Harry Monsen, Assistant Professor..... BY	10 000
18. A. J. Schmidt, Assistant Professor..... BY	10 200
19. Pierson J. Vanalten, Assistant Professor..... DY	9 200
20. 1.50 Full Time Equivalent Assistants..... E	6 300
Nonacademic Salaries	31 794
<i>Total, Salaries</i>	<i>(192 694)</i>
Wages.....	1 600
Expense	14 200
Equipment	2 500
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(18 300)</i>
<i>Total, Anatomy</i>	<i>\$210 994</i>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE RG4728C4

Account Number 55-16-74

1. John Mackie, Research Assistant..... DY	\$ 4 650
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Biological Chemistry

Account Number 05-12-27

1. Richard J. Winzler, Professor and Head of Department AY	\$ 21 000
2. Olaf Bergeim, Professor, <i>Emeritus</i> R	.....
3. Stephen B. Einkley, Professor..... AY	16 900
4. Leo G. Aboud, Associate Professor of Neurophysiology ZAY10	1 160
(Total Salary)	(11 600)
5. Henry Jeffay, Associate Professor..... AY	12 000
6. C. A. Johnson, Associate Professor..... AY	11 400
7. Paul Kohn, Associate Professor..... AY	12 000
8. Terrell C. Myers, Associate Professor..... AY	14 000
9. Bernard Weissmann, Associate Professor..... AY	11 800
10. ———, Associate Professor..... AY	12 600
11. Charles Panos, Assistant Professor..... ZBY10	900
(Total Salary)	(9 000)
12. Edward B. Titchener, Assistant Professor..... BY	10 500
13. ———, Assistant Professor..... BY	9 100
14. 2.55 Full Time Equivalent Assistants..... E	11 375
Nonacademic Salaries	31 116
<i>Total, Salaries</i>	<i>(175 851)</i>

Wages.....	1 700
Expense.....	17 550
Equipment.....	2 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(21 250)</i>
<i>Total, Biological Chemistry.....</i>	<i>\$197 101</i>

Cooperative Investigations**TRUST — AMERICAN CANCER SOCIETY P200A**

Account Number 50-12-58

1. William O'Connell, Research Associate.....	DY	\$ 7 300
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TRUST — U.S. PUBLIC HEALTH SERVICE RG6686C1

Account Number 55-21-29

1. D. A. Dennen, Research Assistant.....	DY	\$ 4 900
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TRUST — U.S. NATIONAL SCIENCE FOUNDATION G9114

Account Number 55-21-45

1. Clyde C. Doughty, Research Associate.....	DY	\$ 8 000
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TRUST — U.S. PUBLIC HEALTH SERVICE A2479C1

Account Number 55-21-59

1. Gerald L. Rowin, Research Assistant.....	DY	\$ 4 900
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TRUST — U.S. MD2133

Account Number 55-22-15

1. Ralph H. Kathan, Research Associate.....	DY	\$ 7 800
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2. June D. Louch, Research Assistant.....	DY	7 300
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<i>Total, Trust — U.S. MD2133.....</i>		<i>\$ 15 100</i>
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TRUST — U.S. PUBLIC HEALTH SERVICE 5F531

Account Number 55-22-35

1. Charles Panos, Assistant Professor.....	ZBY90	\$ 8 100
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TRUST — U.S. PUBLIC HEALTH SERVICE CY2347C6

Account Number 55-35-81

1. Irene Bornstein, Research Assistant.....	DY	\$ 6 100
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Clinical Science

Account Number 05-12-30

Nonacademic Salaries.....		\$ 1 040
<i>Total, Salaries.....</i>		<i>(1 040)</i>
Expense.....		1 200
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(1 200)</i>
<i>Total, Clinical Science.....</i>		<i>\$ 2 240</i>

Dermatology

Account Number 05-12-36

1. Adolph Rostenberg, Professor and Head of Department.....	AY	\$ 20 800
2. Theodore Cornbleet, Clinical Professor.....	AY30	3 200
3. Farrington Daniels, Associate Professor.....	DY	15 000
4. Harold Shellow, Clinical Associate Professor.....	AY10	1 300
5. F. J. Szymanski, Clinical Associate Professor.....	AY16	2 800
6. Louise E. Tavs, Clinical Associate Professor.....	AY20	2 350
7. Roland S. Medansky, Clinical Instructor.....	DY20	1 850
Nonacademic Salaries.....		18 768
<i>Total, Salaries.....</i>		<i>(66 068)</i>
Wages.....		300
Expense.....		4 400
Equipment.....		1 200
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(5 900)</i>
<i>Total, Dermatology.....</i>		<i>\$ 71 968</i>

Medical Social Work

Account Number 05-12-41

1. Carol H. Preucil, Associate Professor and Head of Department.....	AY	\$ 12 800
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2. Dorothy Large, Associate Professor.....	AY	10 000
3. Lois E. Binns, Assistant Professor.....	BY	8 150
4. Louise Fassler, Assistant Professor.....	BY	8 550
5. Constance Fraser, Assistant Professor.....	ZBY50	3 975
(Total Salary)		(7 950)
6. Kathryn E. Hepler, Assistant Professor.....	BY	8 950
7. Helen R. Lockhart, Assistant Professor.....	BY	7 950
8. Natalie R. Seltzer, Assistant Professor.....	BY	7 950
9. Marie Waite, Assistant Professor.....	BY	8 920
10. Dolores A. Exum, Instructor.....	DY	6 550
11. Ruth W. Helms, Instructor.....	DY	6 350
12. Margaret L. Johnson, Instructor.....	DY	6 550
13. Helen J. Lane, Instructor.....	DY	7 200
14. T. P. Meyertholen, Instructor.....	DY	5 970
15. Leona K. Pliske, Instructor.....	DY	6 350
16. Jean V. Prosser, Instructor.....	DY	6 500
17. Helen J. Read, Instructor.....	DY	6 850
(Handicapped Children's Center)		
18. Jean Robertson, Instructor.....	DY	6 430
19. Muneera Salhab, Instructor.....	DY	5 850
20. Ramona J. Teason, Instructor.....	DY	7 200
Nonacademic Salaries		27 510
Total, Salaries		(176 575)
Wages.....		200
Expense		6 300
Equipment		800
Total, Wages, Expense, and Equipment.....		(7 300)
Total, Medical Social Work		\$183 875

Cooperative Investigations**TRUST — NATIONAL FUND FOR MEDICAL EDUCATION**

Account Number 50-23-01

1. Victor J. Engandela, Instructor.....	DY	\$ 6 250
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TRUST — MEDICAL SOCIAL WORK — UNIVERSITY OF CHICAGO

Account Number 50-23-05

1. Aleanor Merrifield, Assistant Professor.....	BY	\$ 7 950
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TRUST — U.S. PUBLIC HEALTH SERVICE E1690C3

Account Number 55-35-18

1. Sheila A. Callaghan, Instructor.....	DY	\$ 6 400
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Medicine

Account Number 05-12-42

1. Harry F. Dowling, Professor and Head of Department	ZAY	\$ 27 000
2. David I. Abramson, Professor.....	ZAY	.....
3. Carroll L. Birch, Professor.....	AY	11 500
4. Edmund F. Foley, Professor.....	AY50	5 800
5. Ford K. Hick, Professor.....	ZAY50	5 800
6. George G. Jackson, Professor.....	AY	20 600
7. Robert M. Kark, Professor.....	AY90	15 100
(On leave with pay September to December, 1961)		
8. George E. Miller, Professor.....	ZAY	.....
9. M. M. Montgomery, Professor.....	AY80	15 050
10. Norman B. Roberg, Professor.....	AY80	15 800
11. Max Samter, Professor.....	AY90	14 200
12. Harry A. Bliss, Associate Professor.....	ZAY	15 800
13. Nicholas Cotsonas, Associate Professor.....	AY90	16 100
14. A. B. Kendrick, Associate Professor.....	AY	9 500
15. Louis R. Limarzi, Associate Professor.....	AY70	6 750
16. F. Steigmann, Clinical Associate Professor.....	AY20	1 710
17. Basil Anast, Assistant Professor of Parasitology.....	ZBY50	3 900
(Total Salary)		(6 650)
18. Aldona L. Baltch, Assistant Professor.....	BY	10 250

19. William R. Best, Assistant Professor.....	ZBY15	1 900
(Total Salary)		(11 400)
20. George J. Brebis, Assistant Professor.....	BY50	3 800
21. Robert W. Carton, Assistant Professor.....	ZBY70	7 600
(Total Salary)		(10 850)
22. Marvin J. Colbert, Assistant Professor.....	ZBY	.....
23. Moses Goldwasser, Assistant Professor, <i>Emeritus</i>	R	.....
24. Georgiana M. Jagiello, Assistant Professor.....	BY	8 500
25. Jutta Koik, Assistant Professor.....	ZBY	.....
26. Sophie J. Presley, Clinical Assistant Professor.....	BY15	1 050
27. Robert J. Ryan, Assistant Professor.....	ZBY67	8 175
(Total Salary)		(12 200)
28. Nat E. Smith, Assistant Professor.....	BY	11 900
29. ———, Assistant Professor.....	BY	10 500
30. J. M. Dyniewicz, Instructor and Research Chemist.....	DY	6 550
31. Hans G. Griebble, Instructor.....	DY	8 800
32. Edsel K. Hudson, Instructor.....	FY	5 700
(Effective July 1, 1961)		
33. Margaret Melody, Research Assistant.....	DY	6 800
34. Mary E. Rubenis, Research Assistant.....	ZDY85	5 400
(Total Salary)		(6 350)
35. Newman L. Stephens, Research Assistant.....	FY	4 900
(Effective July 1, 1961)		
36. ———, Research Assistant.....	DY	4 900
Nonacademic Salaries		68 603
Total, Salaries		(359 938)
Wages.....		400
Expense		15 670
Expense, Allergy		2 000
Equipment		2 440
Total, Wages, Expense, and Equipment.....		(20 510)
Total, Medicine		\$380 448

Cooperative Investigations

TRUST—U.S. PUBLIC HEALTH SERVICE HT300C10

Account Number 55-15-27

1. Herschel L. Browns, Clinical Assistant Professor..... BY30 \$ 2 550

TRUST—U.S. PUBLIC HEALTH SERVICE CY4912C

Account Number 55-35-02

1. John Louis, Research Associate..... ZDY45 \$ 4 125

(Total Salary)

(8 250)

TRUST—U.S. PUBLIC HEALTH SERVICE CY4985C

Account Number 55-35-07

1. John Louis, Research Associate..... ZDY45 \$ 4 125

(Total Salary)

(8 250)

TRUST—U.S. PUBLIC HEALTH SERVICE H2253C4

Account Number 55-35-14

1. Roy C. McClain, Research Assistant..... DY \$ 5 800

TRUST—U.S. PUBLIC HEALTH SERVICE E1690C3

Account Number 55-35-18

1. Robert W. Carton, Assistant Professor..... ZBY30 \$ 3 250

2. Mary E. Rubenis, Research Assistant..... ZDY15 950

Total, Trust—U.S. Public Health Service E1690C3.....

\$ 4 200

TRUST—U.S. PUBLIC HEALTH SERVICE E2044C2

Account Number 55-35-28

1. Pier A. Taschini, Research Associate..... DY \$ 8 000

TRUST—U.S. PUBLIC HEALTH SERVICE E1949C2

Account Number 55-35-33

1. Vera M. Kozij, Research Assistant..... DY \$ 5 100

TRUST — U.S. ARMY MD421

Account Number 55-35-65

1. Robert L. Muldoon, Research Associate.....	DY	\$ 8 000
2. Gloria S. Cooper, Research Assistant.....	DY	5 300
<i>Total, Trust — U.S. Army MD421.....</i>		<i>\$ 13 300</i>

TRUST — U.S. PUBLIC HEALTH SERVICE 1659C2

Account Number 55-35-72

1. Basil Anast, Assistant Professor of Parasitology.....	ZBY35	\$ 2 750
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TRUST — U.S. PUBLIC HEALTH SERVICE 2347C6

Account Number 55-35-81

1. William R. Best, Assistant Professor.....	ZBY75	\$ 9 500
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TRUST — U.S. PUBLIC HEALTH SERVICE 2A5105C3

Account Number 55-35-93

1. Robert J. Ryan, Assistant Professor.....	ZBY33	\$ 4 025
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TRUST — U.S. PUBLIC HEALTH SERVICE C7630C11 — CANCER TRAINING

Account Number 55-65-17

1. Samuel G. Taylor, Clinical Associate Professor.....	AY40	\$ 3 420
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Microbiology

Account Number 05-12-44

1. Milan V. Novak, Professor and Head of Department..	ZAY90	\$ 18 900
(Total Salary)		(21 000)
2. J. E. Kempf, Professor.....	AY	15 000
3. Carolyn W. Hammond, Associate Professor.....	AY	10 000
4. Leon J. LeBeau, Associate Professor.....	AY	10 700
5. Esther Meyer, Associate Professor.....	AY	10 800
6. Edward E. Vicher, Associate Professor.....	AY	12 200
7. Newton Khoobyarian, Assistant Professor.....	DY	10 000
8. Arthur V. Kroeger, Assistant Professor.....	BY	9 700
9. Robert W. Pumper, Assistant Professor.....	BY	10 700
10. Louis R. Sibal, Assistant Professor.....	BY	8 500
11. V. F. Gerencser, Instructor.....	DY	8 300
12. Lawrence Hochstein, Instructor.....	DY	8 300
13. 3.20 Full Time Equivalent Assistants.....	E	13 450
Nonacademic Salaries		39 972
<i>Total, Salaries</i>		<i>(186 522)</i>
Wages		1 700
Expense		8 400
Equipment		4 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(14 100)</i>
<i>Total, Microbiology</i>		<i>\$200 622</i>

Neurology and Neurological Surgery

Account Number 05-12-45

1. Eric Oldberg, Professor and Head of Department....	AY75	\$ 17 150
2. Orville T. Bailey, Professor of Neurology.....	AY	20 000
3. Percival Bailey, Distinguished Professor of Neurology, <i>Emeritus</i>	R	.....
4. Frederic A. Gibbs, Professor of Electroencephalography	AY75	8 600
5. W. A. Gustafson, Clinical Professor of Neurological <i>Surgery</i>	AY20	3 250
6. Ben W. Lichtenstein, Clinical Professor of Neurology..	AY25	2 500
7. Roland P. Mackay, Professor of Neurology.....	AY20	3 000
8. Oscar Sugar, Professor of Neurological Surgery.....	AY50	6 600
9. John S. Garvin, Clinical Associate Professor of Neurol- <i>ogy</i>	AY40	4 200
10. I. B. Diamond, Assistant Professor, <i>Emeritus</i>	R	.....
11. Ernst Haase, Clinical Assistant Professor of Neurology	ZBY20	1 830
(Total Salary)		(3 660)
12. Paul R. Rosenbluth, Clinical Associate in Neurology..	DY25	1 800
13. Frederick W. Stamps, Research Associate in Neurology	ZDY45	6 500
(Total Salary)		(13 000)

14. Donald D. Layton, Clinical Instructor in Neurology....	DY25	1 800
15. Roland A. Manfredi, Clinical Instructor in Neurology..	DY25	1 800
16. Erna L. Gibbs, Research Assistant in Electroencephalography	DY	6 000
Nonacademic Salaries		67 740
Total, Salaries		(152 770)
Wages, Neurology		5 400
Wages, Epilepsy Clinic.....		800
Expense, Neurology		16 400
Expense, Epilepsy Clinic.....		5 000
Equipment		670
Total, Wages, Expense, and Equipment.....		(28 270)
Total, Neurology and Neurological Surgery.....		\$181 040

Epilepsy Clinic Revolving

Account Number 07-12-10		
Nonacademic Salaries		\$ 4 800
Expense		300
Total, Epilepsy Clinic Revolving.....		\$ 5 100

Cooperative Investigations**TRUST — EASTER SEAL RESEARCH ASSOCIATION**

Account Number 50-25-02

1. Catherine L. Rich, Research Assistant in Neurology....	DY	\$ 6 072
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TRUST — CRIPPLED CHILDREN'S BUREAU —**CONSULTATION CLINIC — EPILEPSY**

Account Number 53-12-10

1. Ernst Haase, Clinical Assistant Professor of Neurology	ZBY20	\$ 1 830
2. Frederick W. Stamps, Research Associate in Neurology	ZDY45	6 500
3. Seymour Metrick, Clinical Instructor in Neurology....	DY20	1 680
Total, Trust — Crippled Children's Bureau — Consultation Clinic — Epilepsy		\$ 10 010

Obstetrics and Gynecology

Account Number 05-12-48

1. William F. Mengert, Professor and Head of Department.....	AY	\$ 26 300
2. W. H. Browne, Clinical Professor, <i>Emeritus</i>	R	.....
3. F. H. Falls, Professor, <i>Emeritus</i>	R	.....
4. Vincent C. Freda, Clinical Associate Professor.....	AY40	5 200
5. James H. McClure, Associate Professor.....	AY	17 400
6. Robert C. Burchell, Assistant Professor.....	BY	12 300
7. Harold Kaminetzky, Assistant Professor.....	BY	15 900
8. Peter Siegel, Assistant Professor.....	BY	11 000
Nonacademic Salaries		15 720
Total, Salaries		(103 820)
Wages		750
Expense		6 400
Equipment		1 900
Total, Wages, Expense, and Equipment.....		(9 050)
Total, Obstetrics and Gynecology.....		\$112 870

Cooperative Investigations**TRUST — U.S. PUBLIC HEALTH SERVICE C7603C11**

Account Number 55-65-17

1. Michael Farmans, Instructor.....	DY50	\$ 3 000
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Occupational Therapy

Account Number 05-12-49

1. Beatrice D. Wade, Associate Professor and Head of Department.....	AY	\$ 12 400
2. Mary F. Heermans, Assistant Professor.....	BY	8 900
3. Fredericka Foulks, Instructor.....	DY	6 950

4. Nedra A. Gillette, Instructor.....	DY	7 100
5. Dorothy T. Hruby, Instructor.....	DY	7 300
6. Barbara Loomis, Instructor.....	DY	7 500
7. Dorothy K. Omori, Instructor.....	DY	6 850
8. Shirley Perlmutter, Instructor.....	DY	6 300
(Handicapped Children's Center)		
9. Carol J. Schad, Instructor.....	DY	7 300
10. Patricia A. Tiernan, Instructor.....	DY	7 050
11. Mary Gilson, Assistant.....	DY	5 700
12. Patricia A. Kelsey, Assistant.....	DY	5 600
13. Barbara J. Sharpe, Assistant.....	DY	5 400
14. 0.25 Full Time Equivalent Assistants.....	E	1 550
Nonacademic Salaries		19 860
Total, Salaries		(115 760)
Wages		1 900
Expense		9 500
Equipment		2 000
Total, Wages, Expense, and Equipment.....		(13 400)
Total, Occupational Therapy.....		\$129 160

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE OVR10660

Account Number 55-45-17

1. Diane S. Ritter, Assistant.....	DY	\$ 5 200
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Ophthalmology

Account Number 05-12-51

1. P. C. Kronfeld, Professor and Head of Department and Ophthalmologist-in-Chief.....	ZAY	\$ 23 500
2. Hallard Beard, Professor, <i>Emeritus</i>	R	.....
3. Robert L. Allen, Clinical Assistant Professor.....	BY45	4 500
4. Eugene R. Folk, Assistant Professor.....	BY50	5 400
5. Erwin E. Grossman, Lecturer with rank of Assistant Professor.....	DY10	900
6. Samuel T. Jones, Assistant Professor.....	BY	13 800
7. Harold Q. Kirk, Clinical Assistant Professor.....	DY15	1 500
8. James E. McDonald, Assistant Professor.....	BY60	6 600
9. Maurice D. Pearlman, Clinical Assistant Professor....	BY40	4 500
(Handicapped Children's Center — 20 per cent)		
10. Howard L. Wilder, Assistant Professor.....	BY50	5 400
11. _____, Instructor	FY85	5 400
(Effective July 1, 1961)		
12. _____, Instructor	DY80	5 760
Nonacademic Salaries		33 894
Total, Salaries		(111 154)
Wages		1 150
Expense		8 400
Equipment		1 500
Total, Wages, Expense, and Equipment.....		(11 050)
Total, Ophthalmology		\$122 204

Orthopaedic Surgery

Account Number 05-12-54

1. Robert D. Ray, Professor and Head of Department....	AY50	\$ 12 650
2. Fred W. Hark, Clinical Professor.....	AY25	3 700
3. C. N. Lambert, Clinical Professor.....	AY35	4 200
4. Theodore A. Fox, Clinical Associate Professor.....	AY35	3 600
5. Charles V. Heck, Clinical Associate Professor.....	AY35	3 600
6. Henry W. Apfelbach, Clinical Assistant Professor....	BY35	3 000
7. John B. Griffin, Clinical Instructor.....	DY30	2 650
(Handicapped Children's Center)		
8. Francis M. Howard, Clinical Instructor.....	DY35	3 000
Nonacademic Salaries		38 232
Total, Salaries		(74 632)

Wages.....	300
Expense.....	6 700
Equipment.....	3 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(10 000)</i>
<i>Total, Orthopaedic Surgery.....</i>	<i>\$ 84 632</i>

Otolaryngology

Account Number 05-12-57

1. Francis L. Lederer, Professor and Head of Department and Otolaryngologist-in-Chief.....	AY80	\$ 17 250
2. Paul H. Holinger, Professor of Bronchoesophagology.....	AY48	6 250
3. Frederic J. Pollock, Associate Professor.....	AY50	6 750
4. Emanuel M. Skolnik, Associate Professor.....	ZAY50	5 550
(Total Salary).....		(7 550)
5. Burton J. Soboroff, Associate Professor.....	AY50	6 000
6. ———, Associate Professor of Audiology.....	DY	9 150
7. ———, Associate Professor of Otolaryngology and Director of Speech and Hearing Center.....	AY	12 600
8. Richard A. Buckingham, Assistant Professor.....	BY50	4 950
9. Charles R. Elliott, Assistant Professor.....	ZBY	.....
10. Arthur Loewy, Assistant Professor.....	BY50	5 050
11. William H. Plotkin, Assistant Professor of Clinical Speech.....	BY	8 350
12. ———, Assistant Professor of Speech.....	BY	8 000
(Handicapped Children's Center)		
13. ———, Assistant Professor of Clinical Psychology.....	BY	7 450
14. Virginia A. Breed, Instructor in Audiology.....	DY	7 000
Nonacademic Salaries.....		50 428
<i>Total, Salaries.....</i>		<i>(154 778)</i>
Wages.....		600
Expense.....		9 400
Equipment.....		1 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(11 000)</i>
<i>Total, Otolaryngology.....</i>		<i>\$165 778</i>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE B1711C1

Account Number 55-49-08

1. Nicholas Torok, Clinical Assistant Professor.....	DY20	\$ 2 000
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TRUST — U.S. PUBLIC HEALTH SERVICE C7630C11 — CANCER TRAINING

Account Number 55-65-17

1. Joseph G. Schoolman, Clinical Associate Professor.....	AY35	\$ 3 000
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Pathology

Account Number 05-12-60

1. Cecil A. Krakower, Professor and Head of Department	ZAY	\$ 27 000
2. Granville A. Bennett, Professor.....	ZAY	.....
3. H. R. Catchpole, Research Professor.....	AY	13 000
4. John B. Fuller, Professor.....	ZAY	20 000
5. S. A. Levinson, Professor, <i>Emeritus</i>	R	.....
6. George Milles, Clinical Professor.....	A20	3 000
7. Conrad L. Pirani, Professor.....	ZAY	20 600
8. Kurt Stern, Professor.....	ZAY	19 300
9. Aaron Learner, Clinical Associate Professor.....	AY10	1 200
10. Elie P. Leroy, Associate Professor.....	ZAY	16 600
11. Elizabeth A. McGrew, Associate Professor.....	ZAY	16 600
12. Alexander J. Nedzel, Associate Professor, <i>Emeritus</i>	R	.....
13. Donald R. Russ, Associate Professor.....	ZAY	16 600
14. Esther L. Cheate, Assistant Professor.....	ZBY	13 750
15. H. H. Friederici, Assistant Professor.....	ZBY	10 500
16. Ruth Wong, Assistant Professor.....	ZBY	13 750

17. Seymour Greenspon, Research Associate.....	DY	9 650
18. W. Wike Scamman, Instructor.....	ZDY	5 900
19. ———, Assistant	DY	4 900
Nonacademic Salaries		40 482
<i>Total, Salaries</i>		(252 832)
Wages.....		3 400
Wages, Undergraduate Lectures.....		5 000
Expense		8 300
Equipment		1 650
<i>Total, Wages, Expense, and Equipment</i>		(18 350)
<i>Total, Pathology</i>		\$271 182

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE HT300C10

Account Number 55-15-27

1. Otto Saphir, Clinical Professor.....	DY10	\$ 1 200
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Pediatrics

Account Number 05-12-63

1. Irving Schulman, Professor and Head of Department..	AY	\$ 24 850
2. I. Pat Bronstein, Professor.....	AY70	10 800
3. Heyworth N. Sanford, Professor, <i>Emeritus</i>	R	.....
4. Ralph Spaeth, Clinical Professor.....	AY35	3 450
5. Edward F. Lis, Associate Professor.....	ZAY	.....
6. Kareem B. Minhas, Associate Professor.....	AY	11 000
7. Ira M. Rosenthal, Associate Professor.....	AY	16 500
8. Anne Bohning, Assistant Professor, <i>Emerita</i>	R	.....
9. Andre Chabot, Assistant Professor.....	BY	8 150
10. John S. Hyde, Assistant Professor.....	BY50	5 000
11. Melvin A. Krugly, Clinical Assistant Professor.....	BY25	2 000
12. Michael Limosani, Clinical Assistant Professor.....	BY40	3 000
13. Henrietta K. Sachs, Assistant Professor.....	BY	7 950
14. Nerissa P. Singh, Assistant Professor.....	BY50	4 100
15. Luis Trevino, Clinical Assistant Professor.....	BY33	2 600
16. Danuta U. Buzdygan, Instructor.....	DY50	3 500
17. Dolores E. Knoblock, Clinical Instructor.....	DY32	2 250
18. Rute Medenis, Instructor.....	DY	5 850
19. Isidro L. Perez, Clinical Instructor.....	DY20	1 330
20. Charles L. Swarts, Clinical Instructor.....	DY35	2 165
21. Ernest I. Yahiro, Instructor.....	ZDY60	3 600
(Total Salary)		(6 000)
(Handicapped Children's Center — 40 per cent)		
22. ———, Instructor	DY30	2 750
23. Gertrude Asrow, Research Assistant.....	DY	7 200
24. 1.07 Full Time Equivalent Assistants.....	E	5 050
Nonacademic Salaries		6 000
<i>Total, Salaries</i>		(139 095)
Wages.....		2 300
Expense		9 033
Equipment		1 060
<i>Total, Wages, Expense, and Equipment</i>		(12 393)
<i>Total, Pediatrics</i>		\$151 488

Pharmacology

Account Number 05-12-66

1. Klaus R. Unna, Professor and Head of Department...	AY	\$ 20 800
2. W. J. R. Camp, Professor of Pharmacology and Toxicology and State Toxicologist.....	AY	15 200
3. H. A. McGuigan, Professor, <i>Emeritus</i>	R	.....
4. T. R. Sherrod, Professor.....	AY	14 400
5. Martin P. Schulman, Associate Professor.....	AY	13 100
6. Cedric M. Smith, Associate Professor.....	AY	14 100
(On leave with one-half pay 1961-62)		

7. Gerald A. Kien, Assistant Professor.....	B	9 300
8. Xenta Machne, Assistant Professor.....	B	9 300
9. ———, Assistant Professor.....	B	8 500
10. Joy Paul David, Instructor.....	DY	7 700
11. 0.90 Full Time Equivalent Assistants.....	E	4 158
Nonacademic Salaries		28 940
<i>Total, Salaries</i>		(145 498)
Wages.....		500
Expense, Pharmacology		13 500
Expense, Toxicology		1 100
Equipment, Pharmacology		1 670
<i>Total, Wages, Expense, and Equipment</i>		(16 770)
<i>Total, Pharmacology</i>		\$162 268

Toxicology Revolving

Account Number 07-12-15

1. 0.75 Full Time Equivalent Assistants.....	E	\$ 3 300
Wages.....		1 200
Expense.....		3 500
<i>Total, Toxicology Revolving</i>		\$ 8 000

Physical Medicine and Rehabilitation

Account Number 05-12-72

1. David I. Abramson, Professor and Head of Department	ZAY80	\$ 16 400
2. Edward E. Gordon, Clinical Associate Professor.....	AY20	2 500
3. Shun Wu Chu, Assistant Professor.....	BY	11 600
4. ———, Assistant	DY	5 670
(Handicapped Children's Center)		
5. Agenor M. Zayas, Assistant.....	DY	5 400
Nonacademic Salaries		10 740
<i>Total, Salaries</i>		(52 310)
Expense		2 100
Equipment		600
<i>Total, Wages, Expense, and Equipment</i>		(2 700)
<i>Total, Physical Medicine and Rehabilitation</i>		\$ 55 010

Cooperative Investigations

TRUST—U.S. PUBLIC HEALTH SERVICE H2568C4

Account Number 55-52-09

1. Sammie Tuck, Jr., Research Assistant.....	DY	\$ 5 850
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Physiology

Account Number 05-12-75

1. Arnold Veryl Wolf, Professor and Head of Department	AY	\$ 21 000
2. R. C. Ingraham, Professor.....	AY	15 800
3. A. C. Ivy, Distinguished Professor, <i>Emeritus</i>	R	.....
4. John P. Marbarger, Professor.....	ZAY	.....
5. C. I. Reed, Professor, <i>Emeritus</i>	R	.....
6. William Whitehorn, Professor.....	AY	16 000
7. Norman R. Alpert, Associate Professor.....	AY	14 110
8. Jay B. Best, Associate Professor.....	AY	13 100
9. Ruven Greenberg, Associate Professor.....	AY	14 400
10. Akira Omachi, Associate Professor.....	AY	12 050
11. Sabath F. Marotta, Assistant Professor.....	ZBY	.....
12. J. Langdon Taylor, Assistant Professor.....	BY	8 850
13. Henry Tedeschi, Assistant Professor.....	BY	8 850
14. ———, Assistant Professor.....	BY	11 750
15. Henry L. McCrorey, Instructor.....	DY	7 200
16. 3.40 Full Time Equivalent Assistants.....	E	14 500
Nonacademic Salaries		47 172
<i>Total, Salaries</i>		(204 782)
Wages.....		2 100

Expense	23 200
Equipment	1 700
<i>Total, Wages, Expense, and Equipment</i>	(27 000)
<i>Total, Physiology</i>	\$231 782

Cooperative Investigations**TRUST — NATIONAL FUND FOR MEDICAL EDUCATION**

Account Number 50-51-23

1. Arthur Grimm, Assistant Professor.....	ZBY50	\$ 4 500
(Total Salary)		(9 000)

Presbyterian-St. Luke's Hospital

Account Number 05-12-87

Expense	\$ 60 775
<i>Total, Presbyterian-St. Luke's Hospital</i>	\$ 60 775

Preventive Medicine

Account Number 05-12-78

1. Mark H. Lepper, Professor and Head of Department..	ZAY	\$ 22 000
2. Adrian M. Ostfeld, Associate Professor.....	AY	15 000
3. Sol Roy Rosenthal, Associate Professor.....	ZAY	.....
4. John M. Levitsky, Assistant Professor.....	BY	12 500
5. Walter S. Wood, Assistant Professor.....	BY50	4 900
Nonacademic Salaries		5 340
<i>Total, Salaries</i>		(59 740)
Wages		750
Expense.....		4 000
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		(5 050)
<i>Total, Preventive Medicine</i>		\$ 64 790

Cooperative Investigations**TRUST — U.S. PUBLIC HEALTH SERVICE B1693C1**

Account Number 55-57-12

1. Joyce K. Pinter, Research Assistant.....	DY	\$ 5 000
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TRUST — U.S. PUBLIC HEALTH SERVICE E2613C2

Account Number 55-57-17

1. Jeannette Norsen, Research Assistant.....	DY	\$ 6 000
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TRUST — U.S. PUBLIC HEALTH SERVICE RG7026

Account Number 55-57-26

1. Hunter L. Mermall, Research Assistant.....	DY	\$ 6 450
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Preventive Medicine — Indirect Costs

Account Number 56-51-02

1. Hyman Mackler, Research Associate.....	DY25	\$ 2 250
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Psychiatry

Account Number 05-12-81

1. Melvin Sabshin, Professor and Head of Department..	AY	\$ 23 000
2. Franz G. Alexander, Clinical Professor, <i>Emeritus</i>	R	.....
3. Percival Bailey, Clinical Professor, <i>Emeritus</i>	R	.....
4. Beulah C. Bosselman, Professor.....	AY50	7 200
5. Hugh T. Carmichael, Clinical Professor.....	AY25	4 250
6. Alexander Geiger, Professor of Neurophysics.....	AY	11 700
7. Francis J. Gerty, Professor, <i>Emeritus</i>	R	.....
8. Ernest A. Haggard, Professor of Psychology.....	AY	14 500
9. Irene Josselyn, Clinical Professor, <i>Emerita</i>	R	.....
10. L. J. Meduna, Professor.....	AY53	6 100
11. George Mohr, Clinical Professor, <i>Emeritus</i>	R	.....
12. Irene Sherman, Clinical Associate Professor, <i>Emerita</i> ..	R	.....
13. Lucia E. Tower, Clinical Professor.....	AY25	3 900
14. Leo G. Aboud, Associate Professor of Neurophysics..	ZAY90	10 440
(Total Salary)		(11 600)

15. Peter Giovacchini, Clinical Associate Professor.....	AY25	3 100
16. Kalman Gyarfas, Associate Professor.....	AY70	10 300
17. Joel S. Handler, Clinical Associate Professor.....	AY35	4 700
18. Kyozo Koketsu, Associate Professor of Neurophysics..	AY	9 700
19. Paul E. Nielson, Associate Professor.....	AY	16 000
20. George H. Pollock, Clinical Associate Professor.....	AY25	2 900
21. Alan K. Rosenwald, Associate Professor of Psychology in Psychiatry and Psychology.....	AY	12 000
22. Orville S. Walters, Lecturer in Psychiatry with rank of Associate Professor.....	ZAY	.....
23. Sol Altschul, Clinical Assistant Professor.....	BY25	2 850
24. Seymour Chaplik, Clinical Assistant Professor.....	BY35	4 250
25. Patrick Israel, Clinical Assistant Professor.....	BY25	3 450
26. Robert S. Levine, Assistant Professor.....	BY50	7 000
27. John Loesch, Assistant Professor.....	ZBY65	8 600
(Total Salary)		(13 300)
28. Clifton C. Rhead, Clinical Assistant Professor.....	ZBY	.....
29. Aubrey L. Ruess, Assistant Professor of Psychology.. (Handicapped Children's Center)	BY	9 000
30. Garth Smith, Assistant Professor.....	ZBY40	4 250
(Total Salary)		(5 350)
31. Harold M. Visotsky, Clinical Assistant Professor.....	BY20	2 300
32. Edward M. Wasserman, Assistant Professor.....	BY50	6 600
33. Evelyn K. McDonald, Instructor.....	DY	9 800
34. ———, Clinical Instructor.....	DY40	5 350
Nonacademic Salaries		74 928
Total, Salaries		(278 168)
Wages		2 100
Expense.....		14 000
Equipment		1 000
Total, Wages, Expense, and Equipment.....		(17 100)
Total, Psychiatry		\$295 268

Cooperative Investigations

TRUST — SANDOZ PHARMACEUTICALS

Account Number 50-52-96

1. Richard B. Shekelle, Research Associate.....	ZDY80	\$ 6 720
(Total Salary)		(8 400)

TRUST — MARKLE FOUNDATION

Account Number 50-54-08

1. John Loesch, Assistant Professor.....	ZBY35	\$ 4 700
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TRUST — STATE DEPARTMENT OF PUBLIC WELFARE — NEURON STUDY

Account Number 55-60-01

1. Ruth Geiger, Research Associate.....	DY	\$ 10 200
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TRUST — STATE DEPARTMENT OF PUBLIC WELFARE

Account Number 55-60-05

1. Richard H. Cox, Research Associate.....	DY75	\$ 6 000
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TRUST — CHEMICAL CORPS G10

Account Number 55-60-07

1. Ryo Tanaka, Research Associate.....	DY	\$ 7 000
2. Earl M. Boulton, Research Assistant.....	DY	5 500
Total, Trust — Chemical Corps G10.....		\$ 12 500

TRUST — STATE DEPARTMENT OF PUBLIC WELFARE

Account Number 55-60-10

1. John H. Biel, Lecturer with Rank of Assistant Pro- fessor.....	DY15	\$ 1 800
2. Ikuko Koyama, Research Associate.....	DY	6 000
Total, Trust — State Department of Public Welfare..		\$ 7 800

TRUST — U.S. PUBLIC HEALTH SERVICE 3B413C7

Account Number 55-60-17

1. George Gombos, Research Associate.....	DY	\$ 6 800
2. Saburo Otsuki, Research Associate.....	DY	7 000
3. Jack Beuttas, Research Assistant.....	DY	5 500
4. William Scruggs, Research Assistant.....	DY	5 600
5. Greene R. Whitney, Research Assistant.....	DY	5 200
<i>Total, Trust — U.S. Public Health Service 3B413C7..</i>		<u>\$ 30 100</u>

TRUST — U.S. PUBLIC HEALTH SERVICE 7637C7

Account Number 55-60-57

1. Kenneth S. Isaacs, Research Associate.....	DY	\$ 11 000
2. Louis C. Schaw, Research Associate.....	DY	9 400
3. Richard B. Shekelle, Research Associate.....	ZDY20	1 680
(Total Salary)		(8 400)
<i>Total, Trust — U.S. Public Health Service 7637C7...</i>		<u>\$ 22 080</u>

TRUST — U.S. PUBLIC HEALTH SERVICE 2M6009C4

Account Number 55-60-90

1. Helen Beiser, Clinical Assistant Professor.....	DY25	\$ 3 300
2. James Ginsberg, Clinical Assistant Professor.....	DY30	3 900
3. Garth Smith, Assistant Professor.....	ZBY10	1 100
4. Jack Saporta, Instructor in Psychology.....	DY	7 200
<i>Total, Trust — U.S. Public Health Service 2M6009C4</i>		<u>\$ 15 500</u>

Public Health

Account Number 05-12-82

1. Howard Shaughnessy, Professor and Head of Department.....	AY80	\$ 17 500
(Also paid \$1,336 by State Department of Public Health)		
2. Herbert C. Batson, Professor of Biostatistics.....	AY	16 250
<i>Total, Salaries</i>		<u>(33 750)</u>

Wages		100
Expense.....		1 500
Equipment		1 200
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(2 800)</u>
<i>Total, Public Health.....</i>		<u>\$ 36 550</u>

Radiology

Account Number 05-12-84

1. Roger A. Harvey, Professor and Head of Department	ZAY	\$ 27 000
2. T. J. Wachowski, Clinical Professor.....	ZAY15	1 800
3. David J. Lochman, Clinical Associate Professor.....	ZAY33	5 000
4. Walter S. Moos, Associate Professor and Radiation Physicist.....	AY	14 400
5. Arthur S. Petersen, Clinical Associate Professor.....	ZAY40	4 400
6. Bernard Baker, Clinical Assistant Professor.....	ZBY12	1 200
7. Edwin J. Liebner, Assistant Professor.....	ZBY	15 750
8. Myron Melamed, Clinical Assistant Professor.....	ZBY25	3 000
9. Anton M. Pantone, Clinical Assistant Professor.....	ZBY25	3 000
10. Virginia Patterson, Assistant Professor.....	BY	13 250
11. Glen Sandberg, Assistant Professor.....	BY	7 950
12. Enrique Schwarz, Assistant Professor.....	BY50	7 600
13. Charles F. Whitney, Clinical Assistant Professor.....	BY10	1 200
14. Leonid Calenoff, Clinical Instructor.....	DY50	5 850
15. George Greenfield, Clinical Instructor.....	DY25	3 450
16. Richard E. Haas, Instructor.....	DY	8 100
17. Thomas S. Houser, Instructor.....	DY	8 400
Nonacademic Salaries		16 390
<i>Total, Salaries</i>		<u>(147 740)</u>

Wages		2 600
Expense, Radiology		2 200
Expense, Radiology Betatron.....		5 600

Equipment, Radiology	700
Equipment, Radiology Betatron.....	3 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(14 100)</i>
<i>Total, Radiology</i>	<i>\$161 840</i>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE C13426C3

Account Number 55-62-08

1. J. W. Yusken, Research Associate.....	DY	\$ 7 250
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Surgery

Account Number 05-12-90

1. Warren H. Cole, Professor and Head of Department..	ZAY	\$ 27 000
2. Axel G. Anderson, Clinical Professor.....	ZAY	.....
3. Reuben C. Balagot, Clinical Professor of Anesthesiology	ZAY45	6 950
4. Ormand C. Julian, Professor.....	ZAY27	4 450
(Total Salary)		(8 820)
5. Joseph H. Kiefer, Professor of Urology.....	AY50	6 150
6. Daniel M. Laskin, Clinical Professor.....	ZAY	.....
7. Eli Olech, Clinical Professor.....	ZAY	.....
8. C. B. Puestow, Clinical Professor.....	AY25	3 900
9. J. T. Reynolds, Clinical Professor.....	AY15	2 320
10. Max S. Sadove, Professor of Anesthesiology.....	ZAY90	21 100
11. Danely P. Slaughter, Clinical Professor.....	ZAY40	4 700
12. Geza de Takats, Clinical Professor, <i>Emeritus</i>	R	.....
13. Willard Van Hazel, Clinical Professor.....	AY20	3 050
14. Thomas K. Barber, Clinical Associate Professor.....	ZAY	.....
15. John W. Curtin, Clinical Associate Professor.....	ZAY	.....
16. Tilden C. Everson, Clinical Associate Professor.....	AY25	3 850
17. William J. Grove, Associate Professor.....	ZAY	.....
18. Hushang Javid, Clinical Associate Professor.....	AY30	3 520
19. Gerald O. McDonald, Associate Professor.....	AY90	10 650
20. James H. McDonald, Associate Professor of Urology..	AY95	14 450
21. W. H. Reguarth, Clinical Associate Professor.....	AY15	1 800
22. Irwin B. Robinson, Clinical Associate Professor.....	ZAY	.....
23. John H. Schneewind, Associate Professor.....	ZAY50	7 050
24. Robert A. Atterbury, Clinical Assistant Professor....	ZBY	.....
25. Sidney Black, Clinical Assistant Professor.....	BY25	2 700
26. Edson F. Fowler, Clinical Assistant Professor.....	BY30	3 150
27. James A. Hunter, Assistant Professor.....	DY90	13 500
28. George D. Kaiser, Clinical Assistant Professor.....	BY35	3 300
29. Lawrence Peterson, Clinical Assistant Professor.....	BY25	2 150
30. Ronald Rosenberg, Assistant Professor of Anesthesi- ology.....	BY	14 800
31. Elaine A. Stuebner, Clinical Assistant Professor.....	ZBY	.....
32. Mustafa Kemal Yon, Assistant Professor of Anesthesi- ology.....	BY95	11 990
33. _____, Assistant Professor of Anesthesiology..	DY75	8 750
34. _____, Assistant Professor.....	DY40	5 500
35. William H. Marshall, Instructor.....	DY	8 500
36. 0.35 Full Time Equivalent Assistants.....	DY	1 900
Nonacademic Salaries		40 350
<i>Total, Salaries</i>		<i>(237 530)</i>
Wages.....		3 700
Expense.....		20 000
Equipment		2 500
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(26 200)</i>
<i>Total, Surgery</i>		<i>\$263 730</i>

Cooperative Investigations

TRUST — HAFFA CARDIOSURGERY

Account Number 50-57-17

1. Belio M. Lopez, Assistant Professor.....	DY95	\$ 8 200
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TRUST — NATIONAL FUND FOR MEDICAL EDUCATION

Account Number 50-57-22

1. Robert D. Simpson, Clinical Instructor..... DY25 \$ 2 500

TRUST — U.S. PUBLIC HEALTH SERVICE HT300C10

Account Number 55-15-27

1. Ormand C. Julian, Professor..... ZAY43 \$ 4 370

TRUST — U.S. PUBLIC HEALTH SERVICE CT630C12 — CANCER TRAINING

Account Number 55-65-17

1. James D. Majarakis, Clinical Assistant Professor..... DY40 \$ 3 000

TRUST — U.S. PUBLIC HEALTH SERVICE 3157C4

Account Number 55-65-49

1. Steven G. Economou, Assistant Professor..... DY50 \$ 4 000

2. Rudolph G. Mrazek, Assistant Professor..... DY50 5 000

Total, Trust — U.S. Public Health Service 3157C4... \$ 9 000

TRUST — U.S. PUBLIC HEALTH SERVICE CY3482C3

Account Number 55-65-53

1. Frederic de Peyster, Clinical Associate Professor..... AY33 \$ 3 100

TRUST — U.S. PUBLIC HEALTH SERVICE CY3551C3

Account Number 55-65-58

1. Robert J. Jensik, Clinical Associate Professor..... AY20 \$ 2 400

2. Francis W. Strehl, Instructor..... DY50 3 000

Total, Trust — U.S. Public Health Service CY3551C3 \$ 5 400

COLLEGE OF DENTISTRY

General

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 71 032	\$19 093	\$ 90 125
Postgraduate Education.....	18 040	2 770	20 810
Applied Materia Medica and Therapeutics....	126 032	4 650	130 682
Dental Clinics.....	49 142	49 952	99 094
Fixed Partial Prosthodontics.....	58 330	3 035	61 365
Prosthodontics.....	84 526	3 460	87 986
Histology.....	98 992	6 200	105 192
Operative Dentistry.....	95 810	2 650	98 460
Oral and Maxillofacial Surgery.....	71 110	5 700	76 810
Oral Pathology.....	50 327	5 375	55 702
Orthodontics.....	56 590	9 850	66 440
Patient Admissions.....	54 490	1 650	56 140
Pedodontics.....	65 100	5 450	70 550
Radiology.....	48 107	10 480	58 587
<i>Total, General.....</i>	<i>\$947 628</i>	<i>\$130 315</i>	<i>\$1 077 943</i>

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Estimated U.S. Contracts.....	\$ 25 000	\$ 5 000	\$ 30 000
<i>Organized Research</i>			
Estimated Indirect Costs.....	1 500	8 000	9 500
Estimated Private Gifts.....	15 000	15 000	30 000
Estimated U.S. Contracts.....	141 000	60 500	201 500
<i>Total, Organized Research.....</i>	<i>(157 500)</i>	<i>(83 500)</i>	<i>(241 000)</i>
<i>Extension and Public Services</i>			
Postgraduate Extension Revolving.....		2 600	2 600
<i>Total, Restricted.....</i>	<i>\$182 500</i>	<i>\$91 100</i>	<i>\$273 600</i>

Administration

Account Number 05-15-01

1. Isaac Schour, Dean.....	ZBY60	\$ 13 500
(Total Salary)		(22 500)
2. F. B. Noyes, Dean and Professor of Orthodontics, <i>Emeritus</i>	RA	.....
3. W. H. Kubacki, Assistant Dean.....	ZBY75	14 940
(Total Salary)		(19 500)
4. Nell S. Talbot, Professor of Medical and Dental His- tory and Assistant to Dean, <i>Emerita</i>	R	.....
5. Arthur Grimm, Assistant Professor.....	ZBY50	4 500
(Total Salary)		(9 000)
6. Gunther J. Kazalla, Instructor.....	DY40	3 000
7. Nijole Remejkiis, Instructor.....	ZDY50	3 750
(Total Salary)		(7 500)
8. ———, Instructor	DY	6 690
Nonacademic Salaries		24 652
Total, Salaries		(71 032)
Wages.....		800
Expense		4 325
Contingent.....		9 743
Convention Travel		2 500
Equipment		1 725
Total, Wages, Expense, and Equipment.....		(19 093)
Total, Administration		\$ 90 125

Cooperative Investigations

TRUST — KELLOGG FOUNDATION

Account Number 50-58-20

1. Leo Nedelsky, Research Associate in Teacher Educa- tion.....	DY20	\$ 2 900
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TRUST — U.S. PUBLIC HEALTH SERVICE D12C2

Account Number 55-73-08

1. Daniel M. Laskin, Professor of Oral Surgery.....	ZAY15	\$ 1 945
(Total Salary)		(8 000)

Postgraduate Education

Account Number 05-15-07

1. Maury Massler, Director.....	ZBY20	\$ 4 090
(Total Salary)		(18 200)
2. Robert G. Kesel, Lecturer.....	ZDY	250
(Total Salary)		(18 500)
3. Thomas K. Barber, Lecturer.....	ZDY	250
(Total Salary)		(12 500)
4. Samson S. Flores, Assistant Professor.....	ZBY25	2 500
(Total Salary)		(10 000)
Nonacademic Salaries		10 950
Total, Salaries		(18 040)
Honorarium for Special Teaching.....		1 000
Wages.....		50
Expense		1 220
Equipment		500
Total, Wages, Expense, and Equipment.....		(2 770)
Total, Postgraduate Education.....		\$ 20 810

POSTGRADUATE EXTENSION REVOLVING

Account Number 07-15-97

Wages.....	\$ 100
Expense	2 500
Total, Postgraduate Extension Revolving.....	\$ 2 600

Applied Materia Medica and Therapeutics

Account Number 05-15-15

1. Robert G. Kesel, Professor and Head of Department...	ZAY	\$ 18 250
(Total Salary)		(18 500)
2. E. A. Jasper, Professor.....	AY67	8 300
3. Charles G. Maurice, Professor and Associate Head of Department	AY	15 000
4. Donald A. Wallace, Professor.....	AY	15 000
5. Harold R. Englander, Associate Professor.....	AY	13 000
6. M. F. Grunwald, Associate Professor.....	AY20	2 500
7. Marjorie Houston, Associate Professor.....	AY	10 250
8. Bennett Klavan, Associate Professor.....	AY50	5 250
9. E. C. Wach, Associate Professor, <i>Emeritus</i>	R	.....
10. Anita M. Ellingson, Assistant Professor.....	BY	7 800
11. Harry R. Shepard, Assistant Professor.....	BY50	4 500
12. William Starek, Assistant Professor of Dentistry.....	BY20	1 900
13. Gordon L. Stastny, Assistant Professor.....	BY50	4 500
Nonacademic Salaries		19 782
Total, Salaries		(126 032)
Wages.....		1 200
Expense.....		3 050
Equipment		400
Total, Wages, Expense, and Equipment.....		(4 650)
Total, Applied Materia Medica and Therapeutics.....		\$130 682

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D984

Account Number 55-74-05

1. Rudolph DePalma, Research Associate.....	DY50	\$ 3 500
2. Ana I. Jeffay, Research Associate.....	DY50	3 000
3. Nijole Remeikis, Instructor.....	ZDY50	3 750
(Total Salary)		(7 500)
Total, Trust — U.S. Public Health Service D984.....		\$ 10 250

Dental Clinics

Account Number 05-15-25

1. W. H. Kubacki, Director.....	ZBY	.....
Nonacademic Salaries		\$ 49 142
Total, Salaries		(49 142)
Wages.....		1 000
Expense, Dental Clinics.....		14 777
Expense, Prosthodontics		11 625
Expense, Fixed Partial Prosthodontics.....		8 675
Expense, Operative Dentistry.....		7 875
Expense, Applied Materia Medica and Therapeutics.....		3 550
Equipment, Dental Clinics.....		500
Equipment, Prosthodontics		400
Equipment, Fixed Partial Prosthodontics.....		1 000
Equipment, Operative Dentistry.....		300
Equipment, Applied Materia Medica and Therapeutics.....		250
Total, Wages, Expense, and Equipment.....		(49 952)
Total, Dental Clinics.....		\$ 99 094

Fixed Partial Prosthodontics

Account Number 05-15-20

1. Fred N. Bazola, Professor and Acting Head of Department	AY	\$ 14 000
2. Stanley D. Tylman, Professor, <i>Emeritus</i>	R	.....
3. F. X. Pelka, Assistant Professor.....	BY50	5 000
4. Walter J. Syms, Assistant Professor.....	BY	8 400
5. Joseph Matuga, Instructor.....	DY50	3 750
6. Roland Rudnick, Instructor.....	DY60	4 950

7. Joseph J. Stachniak, Instructor.....	DY50	4 000
8. _____, Instructor	DY20	1 500
9. _____, Instructor	DY	8 000
Nonacademic Salaries		8 730
<i>Total, Salaries</i>		(58 330)
Wages.....		1 085
Expense		1 750
Equipment		200
<i>Total, Wages, Expense, and Equipment</i>		(3 035)
<i>Total, Fixed Partial Prosthodontics</i>		\$ 61 365

Histology

Account Number 05-15-60

1. Isaac Schour, Professor and Head of Department.....	ZAY40	\$ 9 000
(Total Salary)		(22 500)
2. Verda E. James, Associate Professor and Associate Head of Department.....	AY	13 000
3. E. Lloyd DuBrul, Professor of Oral Anatomy.....	ZAY	12 500
4. James A. Gagnon, Associate Professor of Oral Anat- omy.....	ZAY60	6 900
(Total Salary)		(11 500)
5. Roy Gillette, Associate Professor.....	AY	11 500
6. James A. Yaeger, Assistant Professor.....	ZBY55	5 730
(Total Salary)		(10 500)
7. Richard L. Hoffman, Instructor.....	DY60	5 200
Nonacademic Salaries		35 162
<i>Total, Salaries</i>		(98 992)
Wages, Histology		210
Wages, Oral Anatomy.....		200
Expense, Histology		2 890
Expense, Oral Anatomy and Comparative Odontology.....		1 600
Equipment, Histology		800
Equipment, Oral Anatomy.....		500
<i>Total, Wages, Expense, and Equipment</i>		(6 200)
<i>Total, Histology</i>		\$105 192

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE CT663C11

Account Number 55-75-37

1. Eli Olech, Professor of Oral Surgery.....	ZAY10	\$ 1 195
(Total Salary)		(7 350)

TRUSTS — U.S. PUBLIC HEALTH SERVICE A3220C

Account Number 55-80-51

1. James A. Yaeger, Assistant Professor.....	ZBY45	\$ 4 770
(Total Salary)		(10 500)

Operative Dentistry

Account Number 05-15-75

1. John M. Spence, Professor and Head of Department and Director of Audiovisual Education.....	AY	\$ 17 500
2. Theodore B. Kurtz, Professor and Associate Head of Department	AY	13 500
3. Margot Ulloa, Professor.....	AY60	8 000
4. James A. Gagnon, Associate Professor.....	ZAY40	4 600
(Total Salary)		(11 500)
5. Jerry F. Balaty, Assistant Professor.....	BY60	4 950
6. Mack C. Tanner, Assistant Professor.....	BY30	2 700
7. Marvin B. Weiss, Assistant Professor.....	BY	11 250
8. Dennis Barber, Instructor.....	DY	8 000
9. Jules Berman, Instructor.....	DY20	1 600
10. Charles F. Hebling, Instructor.....	DY80	6 400
11. Bruce Mowat, Instructor.....	DY60	4 200

12. Walter A. Sperry, Instructor.....	DY40	3 300
Nonacademic Salaries		9 810
<i>Total, Salaries</i>		(95 810)
Wages.....		650
Expense.....		1 700
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		(2 650)
<i>Total, Operative Dentistry</i>		\$ 98 460

Cooperative Investigations

TRUST — KELLOGG FOUNDATION

Account Number 50-58-20

1. Stephen A. Mele, Instructor.....	DY50	\$ 3 500
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Oral and Maxillofacial Surgery

Account Number 05-15-80

1. Axel G. Anderson, Professor and Head of Department	ZAY	\$ 16 500
2. Daniel M. Laskin, Professor.....	ZAY45	6 055
<i>(Total Salary)</i>		(8 000)
3. Eli Olech, Professor and Director of Minor Oral Surgery.....	ZAY50	6 155
<i>(Total Salary)</i>		(7 350)
4. Irwin B. Robinson, Associate Professor.....	ZAY50	5 250
5. Robert A. Atterbury, Assistant Professor.....	ZBY5	400
6. Elaine A. Stuebner, Assistant Professor of Oral Surgery	ZBY80	7 200
7. Eugene C. Lekan, Instructor.....	DY50	3 950
8. William J. McNabb, Instructor.....	DY30	2 350
Nonacademic Salaries		23 250
<i>Total, Salaries</i>		(71 110)
Wages.....		300
Expense		5 000
Equipment		400
<i>Total, Wages, Expense, and Equipment</i>		(5 700)
<i>Total, Oral and Maxillofacial Surgery</i>		\$ 76 810

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE CT663

Account Number 55-75-37

1. Edward B. Stewart, Instructor.....	DY30	\$ 2 000
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Oral Pathology

Account Number 05-15-86

1. ———, Professor and Head of Division.....	AY	\$ 16 525
2. Nicholas G. Grand, Associate Professor.....	AY	12 750
3. Herman Medak, Associate Professor.....	AY50	5 000
4. Erwin Barrington, Instructor.....	DY	7 500
Nonacademic Salaries		8 552
<i>Total, Salaries</i>		(50 327)
Wages.....		675
Expense.....		4 000
Equipment		700
<i>Total, Wages, Expense, and Equipment</i>		(5 375)
<i>Total, Oral Pathology</i>		\$ 55 702

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D658C3

Account Number 55-80-13

1. Julia Meyer, Assistant Professor.....	DY	\$ 10 500
2. Shu-Yung Wang, Research Associate.....	DY30	2 760
3. Arup K. Das, Assistant.....	DY	4 900
<i>Total, Trust — U.S. Public Health Service D658C3...</i>		\$ 18 160

Orthodontics

Account Number 05-15-82

1. A. G. Brodie, Professor and Head of Department.....	AY60	\$ 12 750
2. Milton B. Engel, Professor.....	AY50	7 500
3. Samuel Pruzansky, Professor.....	ZAY20	2 800
(Total Salary)		(12 040)
4. Earl W. Renfro, Professor.....	AY60	8 550
5. Edward Prorok, Assistant Professor.....	BY30	2 550
(On leave without pay 1961-62)		
6. George Osterberger, Instructor.....	DY30	2 550
7. Bernard Schneider, Instructor.....	DY30	2 400
8. ———, Instructor	DY30	2 100
Nonacademic Salaries		15 390
Total, Salaries		(56 590)
Wages.....		300
Expense		9 050
Equipment		500
Total, Wages, Expense, and Equipment.....		(9 850)
Total, Orthodontics		\$ 66 440

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D1064

Account Number 55-48-11

1. Bernard L. Swoiskin, Instructor.....	DY20	\$ 1 500
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Patient Admissions

Account Number 05-15-10

1. Arthur J. Skupa, Professor of Clinical Dentistry and Director of Patient Admissions.....	AY	\$ 15 500
2. Harold A. Drummond, Associate Professor of Clinical Dentistry.....	AY50	5 000
3. Arthur Elfenbaum, Associate Professor, <i>Emeritus</i>	R	.....
4. Donald L. McElroy, Associate Professor of Clinical Dentistry.....	AY60	6 000
5. Charles M. Buckman, Assistant Professor of Clinical Dentistry.....	BY20	1 800
6. Herbert Hazelkorn, Assistant Professor of Clinical Dentistry.....	BY40	3 200
7. George A. Holmes, Assistant Professor of Clinical Dentistry	BY30	2 400
8. Lester Jacobs, Assistant Professor of Clinical Dentistry	BY40	3 400
9. Irving I. Selter, Assistant Professor of Clinical Den- tistry	BY30	2 400
Nonacademic Salaries		14 790
Total, Salaries		(54 490)
Wages.....		200
Expense		1 350
Equipment		100
Total, Wages, Expense, and Equipment.....		(1 650)
Total, Patient Admissions.....		\$ 56 140

Pedodontics

Account Number 05-15-88

1. Maury Massler, Professor and Head of Department....	ZAY80	\$ 14 110
(Total Salary)		(18 200)
2. Thomas K. Barber, Associate Professor and Associate Head of Department.....	ZAY	12 250
(Total Salary)		(12 500)
3. Elsie Gerlach, Superintendent of Children's Clinic and Associate Professor	AY	10 500
4. William J. Rogers, Assistant Professor.....	BY30	2 750
5. Marvin H. Berman, Instructor.....	DY20	1 400
6. Marvin Kozlov, Instructor.....	DY60	4 680
(Handicapped Children's Center — 20 per cent)		

Nonacademic Salaries	19 410
<i>Total, Salaries</i>	(65 100)
Expense, Pedodontics	2 750
Expense, Children's Clinic.....	1 800
Equipment, Pedodontics	600
Equipment, Children's Clinic.....	300
<i>Total, Wages, Expense, and Equipment</i>	(5 450)
<i>Total, Pedodontics</i>	<u>\$ 70 550</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D1064

Account Number 55-48-11

1. A. M. Lauterstein, Research Associate.....	DY40	\$ 3 000
2. John A. Gallios, Research Assistant.....	DY	4 900
<i>Total, Trust — U.S. Public Health Service D1064....</i>		<u>\$ 7 900</u>

TRUST — U.S. PUBLIC HEALTH SERVICE D1038C

Account Number 55-81-03

1. R. Kindelsperger, Research Assistant.....	DY	\$ 5 000
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Prosthodontics

Account Number 05-15-55

1. W. H. Kubacki, Professor and Head of Department....	ZAY25	\$ 4 560
(Total Salary)		(19 500)
2. Robert Underwood, Associate Professor and Associate Head of Department.....	AY	12 500
3. Samson S. Flores, Assistant Professor.....	ZBY75	7 500
(Total Salary)		(10 000)
4. Edward J. Kozak, Assistant Professor.....	BY	10 000
5. George W. Brent, Instructor.....	DY60	4 200
6. Donald W. Rice, Instructor.....	DY	7 500
7. Allen Rosenberg, Instructor.....	DY30	2 400
8. William L. Smith, Instructor.....	DY30	2 250
9. Vincent Urbanek, Instructor.....	DY50	4 000
10. Arnold H. Wax, Instructor.....	DY60	4 200
Nonacademic Salaries		25 416
<i>Total, Salaries</i>		(84 526)
Wages.....		960
Expense		2 200
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		(3 460)
<i>Total, Prosthodontics</i>		<u>\$ 87 986</u>

Radiology

Account Number 05-15-90

1. S. H. Yale, Professor and Head of Department.....	AY	\$ 17 000
2. Henry Rosenberg, Assistant Professor.....	ZBY40	4 200
(Total Salary)		(6 300)
Nonacademic Salaries		26 907
<i>Total, Salaries</i>		(48 107)
Wages.....		550
Expense		9 230
Equipment		700
<i>Total, Wages, Expense, and Equipment</i>		(10 480)
<i>Total, Radiology</i>		<u>\$ 58 587</u>

Cooperative Investigations

TRUST — KELLOGG FOUNDATION

Account Number 50-58-20

1. Thomas E. Emmerring, Instructor.....	ZDY30	\$ 2 220
(Total Salary)		(4 440)

TRUST—U.S. PUBLIC HEALTH SERVICE D973

Account Number 55-83-32

1. Henry Rosenberg, Assistant Professor.....	ZBY20	\$ 2 100
2. Thomas E. Emmering, Instructor.....	ZDY30	2 220
3. Charles S. Kresnoff, Instructor.....	DY20	1 600
4. Manuel C. Ceballos, Research Assistant.....	DY	6 600
<i>Total, Trust—U.S. Public Health Service D973.....</i>		<u>\$ 12 520</u>

COLLEGE OF PHARMACY

General

	Salaries	Wages, Expense, and Equipment	Total
<i>Administration and General</i>			
Administration.....	\$120 630	\$20 440	\$141 070
Chemistry.....	167 086	17 000	184 086
Pharmacognosy and Pharmacology.....	126 332	14 500	140 832
Pharmacy.....	112 070	9 500	121 570
<i>Total, General.....</i>	<u>\$526 118</u>	<u>\$61 440</u>	<u>\$587 558</u>

Restricted

	Salaries	Wages, Expense, and Equipment	Total
<i>Organized Research</i>			
Estimated Private Gifts.....		\$ 2 000	\$ 2 000
Estimated U.S. Contracts.....	\$ 27 000	18 000	45 000
<i>Total, Restricted.....</i>	<u>\$ 27 000</u>	<u>\$20 000</u>	<u>\$ 47 000</u>

Administration

Account Number 05-18-05

1. George L. Webster, Dean.....	BY}	\$ 19 500
Professor of Chemistry.....	AY}	
2. Conrad A. Blomquist, Assistant Dean.....	ZBY50	6 000
(Total Salary).....		(12 000)
3. Bernard H. Gold, Assistant Professor of Sociology and Psychology.....	B60	5 600
4. Orace E. Johnson, Assistant Professor of Pharmacy Administration.....	D	8 000
5. Donald M. Martin, Assistant Professor of English.....	B	8 000
6. Martin M. Rosner, Assistant Professor of Pharmacy Administration.....	B	8 000
7. Samuel Shkolnik, Lecturer in Pharmaceutical Jurisprudence.....	D20	1 600
8. 9.00 Full Time Equivalent Assistants.....	E	37 800
Nonacademic Salaries.....		26 130
<i>Total, Salaries.....</i>		<u>(120 630)</u>
Wages.....		540
Expense, General.....		17 100
Contingency.....		1 500
Convention Travel.....		1 300
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(20 440)</u>
<i>Total, Administration.....</i>		<u>\$141 070</u>

Chemistry

Account Number 05-18-10

1. James E. Gearien, Professor and Head of Department..	AY	\$ 16 200
2. Ernst R. Kirch, Professor.....	AY	12 900
3. Madeleine Barnothy, Associate Professor of Physics... A		9 900
(On leave with pay second semester 1961-62)		
4. Ludwig Bauer, Associate Professor.....	A	9 300
5. Charles W. Clarke, Associate Professor.....	A	10 100
6. Ralph Daniels, Associate Professor.....	A	10 600
(On leave with one-half pay 1961-62)		
7. Norman R. Joseph, Associate Professor.....	A	8 900

8. Alfred J. Perkins, Associate Professor.....	A	10 900
9. Charles L. Bell, Assistant Professor.....	B	8 000
10. Dominick Coviello, Assistant Professor.....	B	8 000
11. Rose Ann Grundman, Assistant Professor of Mathematics.....	B	7 900
12. Bernard J. Kurtin, Instructor in Physics.....	D	6 600
13. _____, Instructor in Physics.....	D	5 300
14. _____, Instructor in Mathematics.....	D	5 300
15. _____, Instructor.....	D50	2 500
16. _____, Assistant.....	E	4 000
17. _____, Assistant in Physics.....	E	4 000
18. 0.15 Full Time Equivalent Assistants.....	E	700
Nonacademic Salaries.....		25 986
Total, Salaries.....		(167 086)
Expense, General.....		17 000
Total, Wages, Expense, and Equipment.....		(17 000)
Total, Chemistry.....		\$184 086

Pharmacognosy and Pharmacology**Account Number 05-18-15**

1. Ralph F. Voigt, Director of Drug and Horticultural Experiment Station and Professor and Head of Department.....	AY	\$ 16 200
2. Conrad A. Blomquist, Associate Professor of Zoology (Total Salary).....	ZAY50	6 000 (12 000)
3. P. D. Carpenter, Associate Professor of Zoology.....	A	9 400
4. Frank A. Crane, Associate Professor of Pharmacognosy.....	AY	10 500
5. Bernard Greenberg, Associate Professor of Zoology.....	A	8 400
6. Allan M. Burkman, Assistant Professor of Pharmacology.....	B	9 400
7. Luis de la Torre, Assistant Professor of Zoology.....	B	7 000
8. Edward Mika, Assistant Professor of Pharmacognosy.....	B	8 000
9. Ralph W. Morris, Assistant Professor of Pharmacology.....	B	9 800
10. Aurelia M. Aro, Instructor in Pharmacognosy.....	D	5 600
11. S. J. Smolenski, Instructor in Pharmacognosy.....	DY	6 400
12. _____, Assistant in Zoology.....	E	4 000
Nonacademic Salaries.....		25 632
Total, Salaries.....		(126 332)
Expense, General.....		11 500
Expense, Drug and Horticultural Station.....		3 000
Total, Wages, Expense, and Equipment.....		(14 500)
Total, Pharmacognosy and Pharmacology.....		\$140 832

Pharmacy**Account Number 05-18-20**

1. Martin I. Blake, Professor and Head of Department...	AY	\$ 15 000
2. Dwight L. Deardorff, Professor of Manufacturing Pharmacy.....	AY	12 600
3. Ralph E. Terry, Professor, <i>Emeritus</i>	R	9 800
4. Herbert M. Emig, Associate Professor.....	A	11 500
5. Stanley V. Susina, Associate Professor.....	AY	11 500
6. Jean M. Dunbar, Assistant Professor of Manufacturing Pharmacy.....	ZBY30	2 550 (8 500)
(Total Salary).....		8 700
7. Bernard Ecanow, Assistant Professor.....	B	8 800
8. Frederick Siegel, Assistant Professor.....	B	8 600
9. _____, Assistant Professor.....	B	5 600
10. Helena Suen Fu, Instructor.....	D	4 000
11. Daniel A. Nona, Assistant.....	E	4 000
12. Patricia Weinswig, Assistant.....	E	2 000
13. 0.50 Full Time Equivalent Assistants.....	E	18 920
Nonacademic Salaries.....		(112 070)
Total, Salaries.....		

Expense, General	9 500
<i>Total, Wages, Expense, and Equipment</i>	(9 500)
<i>Total, Pharmacy</i>	\$121 570

Stores — Hospital Pharmacy

Account Number 15-05-25		
1. W. R. Collins, Chief Pharmacist and Instructor.....	DY	\$ 11 500
2. Angel Arambulo, Assistant Chief Pharmacist in Manufacturing Pharmacy	DY75	6 000
3. Ronald P. Betz, Assistant Chief Pharmacist.....	DY	7 600
4. Zinnia Cienas, Assistant Chief Pharmacist.....	DY	7 600
5. Vernita Williams, Assistant Chief Pharmacist.....	DY	8 100
6. Jean M. Dunbar, Assistant Professor of Manufacturing Pharmacy.....	ZBY70	5 950
(Total Salary)		(8 500)
7. Lorraine Gribbens, Registered Pharmacist.....	DY	6 000
(On leave without pay 1961-62)		
8. Sheila S. Grossman, Registered Pharmacist.....	DY	6 800
9. Vivian K. Jeras, Registered Pharmacist.....	DY	6 300
10. William F. Lau, Registered Pharmacist.....	DY	6 600
11. Frank J. Muno, Jr., Registered Pharmacist.....	DY50	3 150
Pharmacy Resident	DY50	1 500
(Perquisites University — room and board)		
(Total Salary)		(4 650)
12. Eleanor A. Rurik, Registered Pharmacist.....	DY	7 000
13. Casimer Wiczorek, Registered Pharmacist.....	DY	7 000
14. Silas S. Wood, Registered Pharmacist.....	DY	7 000
15. Beatriz Werwath, Research Assistant.....	DY	7 000
16. Donald W. Vangor, Pharmacy Resident.....	DY50	1 500
(Perquisites University — room and board)		
<i>Total, Stores — Hospital Pharmacy</i>		\$106 600

Stores — Illinois Eye and Ear Infirmary Pharmacy

Account Number 15-05-28		
1. John D. Breen, Registered Pharmacist.....	DY	\$ 7 000
2. Nancy Eisenbart, Registered Pharmacist in charge of Hospital Pharmacy	DY	7 600
<i>Total, Stores — Illinois Eye and Ear Infirmary Pharmacy</i>		\$ 14 600

GRADUATE COLLEGE

General		Wages, Expense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Administration.....	\$ 8 100	\$ 1 200	\$ 9 300
<i>Organized Research</i>			
Special Graduate Research.....		20 000	20 000
<i>Student Aid</i>			
Fellowships.....		20 000	20 000
<i>Total, General</i>	\$ 8 100	\$41 200	\$49 300

Restricted		Wages, Expense, and Equipment	Total
<i>Organized Research</i>	<i>Salaries</i>		
Estimated Indirect Costs.....	\$10 000	\$45 500	\$55 500
<i>Total, Restricted</i>	\$10 000	\$45 500	\$55 500

Administration

Account Number 05-19-05		
1. Milan V. Novak, Associate Dean.....	ZDY10	\$ 2 100
(Total Salary)		(21 000)

Nonacademic Salaries	6 000
<i>Total, Salaries</i>	(8 100)
Wages	100
Expense	1 100
<i>Total, Wages, Expense, and Equipment</i>	(1 200)
<i>Total, Administration</i>	\$ 9 300

Special Graduate Research

Account Number 05-19-25	
Expense	\$ 20 000
<i>Total, Special Graduate Research</i>	\$ 20 000

Graduate Fellowships

Account Number 05-19-50	
Stipends of Fellows	\$ 20 000
<i>Total, Graduate Fellowships</i>	\$ 20 000

COLLEGE OF NURSING

Account Number 05-21-05		
1. Emily C. Cardew, Dean	BY }	\$ 15 250
Associate Professor	AY }	
2. Arlene S. Krieger, Associate Professor	A	8 500
3. Wilma J. Phipps, Associate Professor	AY	10 000
4. _____, Associate Professor	DY	10 000
5. Edna L. Anderson, Assistant Professor	BY	9 300
6. Zena S. Blau, Assistant Professor	B	6 700
7. Helen W. Dunn, Assistant Professor	ZBY	.....
8. Alice Marcella Fay, Assistant Professor	BY	9 650
9. Alberta Fuller, Assistant Professor	B	6 650
10. Lillian G. Oertel, Assistant Professor	BY	8 700
11. Nancy L. Martin, Instructor	DY	6 300
12. Doris Molbo, Instructor	DY	6 600
13. Jane K. Niles, Instructor	DY	6 500
14. _____, Instructor	DY	5 850
15. _____, Instructor	D	7 350
16. _____, Instructor	D	5 750
17. _____, Instructor	DY	7 350
18. E. S. Cunningham, Assistant	DY	6 000
19. Carole E. Dohm, Assistant	DY	6 000
20. Anita Koch, Assistant	DY	4 900
21. Joanne M. Pedersen, Assistant	DY	6 000
22. _____, Assistant	DY	5 500
23. Lenore H. Zarnis, Assistant	DY	6 000
Nonacademic Salaries		18 990
<i>Total, Salaries</i>		(183 840)
Wages		1 050
Expense		13 000
Travel		500
Equipment		1 200
<i>Total, Wages, Expense, and Equipment</i>		(15 750)
<i>Total, College of Nursing</i>		\$199 590

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE 2M6434C3

Account Number 55-91-13

1. Rachel Bliss, Associate Professor	AY	\$ 10 000
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DIVISION OF SERVICES FOR CRIPPLED CHILDREN

	General	Wages, Ex- pense, and Equipment	Total
<i>Extension and Public Services</i>	<i>Salaries</i>		
State	\$370 500	\$1 394 320	\$1 764 820
<i>Total, General</i>	\$370 500	\$1 394 320	\$1 764 820

	Restricted	Wages, Ex- pense, and Equipment	Total
<i>Extension and Public Services</i>	<i>Salaries</i>		
Federal	\$328 775	\$412 689	\$741 464
Estimated Private Gifts		50 000	50 000
<i>Total, Restricted</i>	<i>\$328 775</i>	<i>\$462 689</i>	<i>\$791 464</i>

State

Account Number 05-23-05			
1. Edward F. Lis, Director	ZBY	\$ 19 000	
Nonacademic Salaries, General		324 860	
Nonacademic Salaries, Business Office		26 640	
<i>Total, Salaries</i>		(370 500)	
Wages		2 300	
Expense		1 388 020	
Equipment		4 000	
<i>Total, Wages, Expense, and Equipment</i>		(1 394 320)	
<i>Total, State</i>		\$1 764 820	

Federal

Account Number 53-23-05			
1. _____, Associate Director	DY	\$ 14 000	
2. Samuel Pruzansky, Associate Director and Orthopaedic Dentist	ZBY66	9 240	
(Total Salary)		(12 040)	
3. John W. Curtin, Plastic Surgeon	ZDY30	2 400	
4. Emanuel M. Skolnik, Otolaryngologist	ZDY20	2 000	
(Total Salary)		(7 550)	
5. Charles R. Elliott, Speech Pathologist	ZBY	9 300	
6. Constance Fraser, Assistant Professor	ZBY50	3 975	
(Total Salary)		(7 950)	
7. Ernest I. Yahiro, Pediatrician	ZDY40	2 400	
(Total Salary)		(6 000)	
8. Iwao Kanda, Pediatrics Resident Physician	DY	2 460	
9. _____, Psychologist	DY60	3 600	
Nonacademic Salaries, General		265 240	
Nonacademic Salaries, Business Office		14 160	
<i>Total, Salaries</i>		(328 775)	
Wages		2 000	
Expense		407 689	
Equipment		3 000	
<i>Total, Wages, Expense, and Equipment</i>		(412 689)	
<i>Total, Federal</i>		\$741 464	

PHYSICAL EDUCATION**Physical Education for Men**

Account Number 05-24-05			
1. John W. Brown, Assistant Professor	BY	\$ 9 500	
Nonacademic Salaries		7 900	
<i>Total, Salaries</i>		(17 400)	
Wages		3 000	
Expense		4 350	
Equipment		650	
<i>Total, Wages, Expense, and Equipment</i>		(8 000)	
<i>Total, Physical Education for Men</i>		\$ 25 400	

AEROMEDICAL LABORATORY

Account Number 05-25-05			
1. John P. Marbarger, Director	ZBY	\$ 18 200	
2. Sabath F. Marotta, Assistant Director	ZBY	9 700	
3. Norio Shioura, Research Associate	DY	7 600	
4. Eugene Robbins, Research Assistant	DY	5 500	

Nonacademic Salaries	39 252
<i>Total, Salaries</i>	(80 252)
Wages.....	2 100
Expense, General	12 650
Expense, Electron Microscope.....	2 880
Equipment	2 250
<i>Total, Wages, Expense, and Equipment</i>	(19 880)
<i>Total, Aeromedical Laboratory</i>	\$100 132

INSTITUTION FOR TUBERCULOSIS RESEARCH

Account Number 03-26-10

1. Sol Roy Rosenthal, Director.....	ZBY70	\$ 12 870
2. ———, Research Associate.....	DY	7 500
3. Alonzo Kenniebrew, Research Assistant.....	DY	7 000
Nonacademic Salaries		33 487
<i>Total, Salaries</i>		(60 857)
Wages.....		6 293
Expense		17 050
Equipment		2 300
<i>Total, Wages, Expense, and Equipment</i>		(25 643)
<i>Total, Institution for Tuberculosis Research</i>		\$ 86 500

Cooperative Investigations

TRUST — U.S. TASK ORDER II

Account Number 55-90-20

1. George T. Crouse, Research Assistant.....	DY	\$ 7 150
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RESEARCH AND EDUCATIONAL HOSPITALS

General		Wages, Ex- pense, and Equipment	Total
<i>Organized Activities Relating to Instruction</i>	<i>Salaries</i>		
Administration.....	\$ 147 460	\$ 77 400	\$ 224 860
Admissions.....	68 400	12 600	81 000
Anesthesiology.....	13 620	45 600	59 220
Central Supply.....	83 400	76 100	159 500
Clinics.....	296 014	58 500	354 514
Dietetics.....	114 750	646 772	761 522
Emergency Service.....	58 350	39 000	97 350
House Staff.....		390 970	390 970
Laboratory.....	292 980	109 000	401 980
Medical Records.....	141 800	62 400	204 200
Medicine.....	21 288	10 898	32 186
Nursing, General.....	1 667 814	952 840	2 620 654
Hospital Residence.....	8 790	5 760	14 550
Operating and Recovery Rooms.....	206 706	175 384	382 090
Orthopaedic Brace Shop.....	8 880	3 850	12 730
Pathology.....	67 986	18 800	86 786
Patient Drugs.....		192 920	192 920
Physical Medicine and Rehabilitation.....	94 580	11 444	106 024
Radiology.....	146 980	152 800	299 780
Ward Equipment.....		39 000	39 000
<i>Total, General</i>	\$3 439 798	\$3 082 038	\$6 521 836

Restricted		Wages, Ex- pense, and Equipment	Total
<i>Organized Activities Relating to Instruction</i>	<i>Salaries</i>		
Blood Bank Revolving.....		\$ 72 000	\$ 72 000
Brace Shop Revolving.....	\$ 4 512	1 500	6 012
Respiratory Center Revolving.....	75 834	38 305	114 139
Ophthalmology Revolving.....	29 340	54 000	83 340
<i>Total, Restricted</i>	\$109 686	\$165 805	\$275 491

Administration

Account Number 05-27-05

1. Donald J. Caseley, Medical Director.....	ZBY	\$ 25 000
2. Myron C. Benford, Associate Medical Director.....	ZDY	.....
3. Harry G. Higgins, Administrator.....	DY	14 700
4. J. E. Millizen, Administrator, <i>Emeritus</i>	R	.....
Nonacademic Salaries		107 760
Total, Salaries		(147 460)
Wages.....		12 100
Expense		28 200
Malpractice Insurance		7 500
Convention Travel		600
Equipment		4 000
Contingent		25 000
Total, Wages, Expense, and Equipment.....		(77 400)
Total, Administration		\$224 860

Admissions

Account Number 05-27-10

1. Myron C. Benford, Director.....	ZBY	.....
Nonacademic Salaries		\$ 68 400
Total, Salaries		(68 400)
Wages.....		5 300
Expense		6 800
Equipment		500
Total, Wages, Expense, and Equipment.....		(12 600)
Total, Admissions		\$ 81 000

Anesthesiology

Account Number 05-27-12

1. Warren H. Cole, Surgeon-in-Chief.....	ZAY	.....
2. Max S. Sadove, Head of Anesthesiology.....	ZAY	.....
3. Reuben C. Balagot, Assistant Head of Anesthesiology..	ZAY	.....
Nonacademic Salaries		\$ 13 620
Total, Salaries		(13 620)
Wages.....		2 100
Expense		41 500
Equipment		2 000
Total, Wages, Expense, and Equipment.....		(45 600)
Total, Anesthesiology		\$ 59 220

Central Supply

Account Number 05-27-15

Nonacademic Salaries		\$ 83 400
Total, Salaries		(83 400)
Wages.....		2 100
Expense		72 000
Equipment		2 000
Total, Wages, Expense, and Equipment.....		(76 100)
Total, Central Supply.....		\$159 500

Clinics

Account Number 05-27-20

1. Myron C. Benford, Director.....	ZDY67	\$ 12 800
2. Danely P. Slaughter, Director of Tumor Clinic.....	ZAY	.....
3. Edward F. Lis, Director of Center for Handicapped Children	ZAY	.....
4. Retta E. Bales, Assistant Director.....	DY	9 050
5. Thomas K. Barber, Clinical Associate Professor of Surgery.....	ZAY	.....
Nonacademic Salaries		274 164
Total, Salaries		(296 014)
Wages.....		16 800

Wages, Handicapped Children's Center.....	200
Expense	34 000
Expense, Handicapped Children's Center.....	5 000
Equipment	2 500
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(58 500)</i>
<i>Total, Clinics</i>	<i>\$354 514</i>

Dietetics

Account Number 05-27-25	
Nonacademic Salaries	\$114 750
<i>Total, Salaries</i>	<i>(114 750)</i>
Wages.....	332 000
Expense	309 772
Equipment	5 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(646 772)</i>
<i>Total, Dietetics</i>	<i>\$761 522</i>

Emergency Service

Account Number 05-27-27	
1. John H. Schneewind, Chief..... ZBY	.....
Nonacademic Salaries	\$ 58 350
<i>Total, Salaries</i>	<i>(58 350)</i>
Wages.....	25 000
Expense	13 000
Equipment	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(39 000)</i>
<i>Total, Emergency Service.....</i>	<i>\$ 97 350</i>

House Staff

Account Number 05-27-28	
Chief Resident	\$
(Perquisites Employee—board)	(612)
Wages, Hospital	
39 First-Year Residents.....	84 210
(Perquisites Employee—board)	(23 868)
27 Second-Year Residents.....	66 900
(Perquisites Employee—board)	(16 524)
19 Third-Year Residents.....	54 720
(Perquisites Employee—board)	(11 628)
10 Fourth-Year Residents.....	34 200
(Perquisites Employee—board)	(6 120)
38 Interns	48 270
(Perquisites University—room and board).....	.....
Wages, Illinois Eye and Ear Infirmary	
12 First-Year Residents.....	25 620
(Perquisites Employee—board)	(7 344)
14 Second-Year Residents.....	34 090
(Perquisites Employee—board)	(8 568)
4 Third-Year Residents.....	11 960
(Perquisites Employee—board)	(2 448)
Expense	27 480
Housing Female Staff.....	2 520
Equipment	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(390 970)</i>
<i>Total, House Staff.....</i>	<i>\$390 970</i>

Laboratory

Account Number 05-27-30	
1. John B. Fuller, Director..... ZAY	.....
2. Donald R. Russ, Associate Director..... ZAY	.....
3. Esther L. Cheate, Assistant Director..... ZBY	.....
Nonacademic Salaries	\$292 980
<i>Total, Salaries</i>	<i>(292 980)</i>

Wages.....	40 000
Expense.....	65 000
Equipment.....	4 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(109 000)</i>
<i>Total, Laboratory</i>	<i>\$401 980</i>

Blood Bank Revolving

Account Number 07-27-10

Wages.....	\$ 18 000
Expense.....	54 000
<i>Total, Blood Bank Revolving.....</i>	<i>\$ 72 000</i>

Medical Records

Account Number 05-27-40

Nonacademic Salaries	\$141 800
<i>Total, Salaries</i>	<i>(141 800)</i>
Wages.....	25 000
Expense.....	36 400
Equipment.....	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(62 400)</i>
<i>Total, Medical Records.....</i>	<i>\$204 200</i>

Medicine

Account Number 05-27-42

1. Harry F. Dowling, Chief-of-Medicine.....	ZAY	.....
2. Ford K. Hick, Attending Physician.....	ZAY	.....
3. Harry A. Bliss, Attending Physician.....	ZAY	.....
Nonacademic Salaries		\$ 21 288
<i>Total, Salaries</i>		<i>(21 288)</i>
Wages.....		1 508
Expense.....		8 230
Equipment.....		1 160
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(10 898)</i>
<i>Total, Medicine</i>		<i>\$ 32 186</i>

Nursing**General**

Account Number 05-27-45

1. Helen W. Dunn, Director.....	ZDY	\$ 13 240
(Perquisites University—one meal)		
Nonacademic Salaries, General.....		1 155 798
Nonacademic Salaries, Illinois Eye and Ear Infirmary.....		225 094
Nonacademic Salaries, Neuropsychiatric Institute.....		273 682
<i>Total, Salaries</i>		<i>(1 667 814)</i>
Wages, General		513 484
Wages, Illinois Eye and Ear Infirmary.....		85 620
Wages, Neuropsychiatric Institute.....		149 000
Expense.....		202 736
Equipment		2 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(952 840)</i>
<i>Total, General</i>		<i>\$2 620 654</i>

Hospital Residence

Account Number 05-27-50

Nonacademic Salaries	\$ 8 790
<i>Total, Salaries</i>	<i>(8 790)</i>
Wages.....	2 500
Expense, Housing Nurses.....	2 260
Equipment	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(5 760)</i>
<i>Total, Nurses' Residence.....</i>	<i>\$ 14 550</i>

Operating and Recovery Rooms

Account Number 05-27-55

1. Warren H. Cole, Surgeon-in-Chief.....	ZAY	.....
Nonacademic Salaries		\$206 706
<i>Total, Salaries</i>		(206 706)
Wages.....		66 384
Expense		106 000
Equipment		3 000
<i>Total, Wages, Expense, and Equipment</i>		(175 384)
<i>Total, Operating and Recovery Rooms</i>		\$382 090

Ophthalmology Revolving

Account Number 07-27-15

1. P. C. Kronfeld, Ophthalmologist-in-Chief, Illinois Eye and Ear Infirmary.....	ZAY	.....
Nonacademic Salaries		\$ 29 340
Expense		54 000
<i>Total, Ophthalmology Revolving</i>		\$ 83 340

Orthopaedic Brace Shop

Account Number 05-27-60

Nonacademic Salaries		\$ 8 880
<i>Total, Salaries</i>		(8 880)
Expense		3 000
Equipment		850
<i>Total, Wages, Expense, and Equipment</i>		(3 850)
<i>Total, Orthopaedic Brace Shop</i>		\$ 12 730

Brace Shop Revolving

Account Number 07-27-05

Nonacademic Salaries		\$ 4 512
<i>Total, Salaries</i>		(4 512)
Wages.....		500
Expense		1 000
<i>Total, Wages, Expense, and Equipment</i>		(1 500)
<i>Total, Brace Shop Revolving</i>		\$ 6 012

Pathology

Account Number 05-27-65

1. Cecil A. Krakower, Pathologist-in-Chief.....	ZAY	.....
2. Conrad L. Pirani, Pathologist.....	ZAY	.....
3. Kurt Stern, Pathologist.....	ZAY	.....
4. Elie P. Leroy, Associate Pathologist.....	ZAY	.....
5. Elizabeth A. McGrew, Associate Pathologist.....	ZAY	.....
6. H. H. Friederici, Assistant Pathologist.....	ZBY	.....
7. Ruth Wong, Assistant Pathologist.....	ZBY	.....
8. W. Wike Scamman, Assistant Pathologist.....	ZDY	.....
Nonacademic Salaries		\$ 67 986
<i>Total, Salaries</i>		(67 986)
Wages.....		3 800
Expense		13 000
Equipment		2 000
<i>Total, Wages, Expense, and Equipment</i>		(18 800)
<i>Total, Pathology</i>		\$ 86 786

Patient Drugs

Account Number 05-27-70

Expense		\$192 920
<i>Total, Patient Drugs</i>		\$192 920

Physical Medicine and Rehabilitation

Account Number 05-27-75

1. David I. Abramson, Chief.....	ZAY
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Nonacademic Salaries	\$ 94 580
<i>Total, Salaries</i>	(94 580)
Wages	1 900
Expense	6 044
Equipment	3 500
<i>Total, Wages, Expense, and Equipment</i>	(11 444)
<i>Total, Physical Medicine and Rehabilitation</i>	\$106 024

Radiology

Account Number 05-27-80

1. Roger A. Harvey, Radiologist-in-Chief	ZAY	.....
2. T. J. Wachowski, Associate Radiologist	ZAY	.....
3. David J. Lochman, Associate Radiologist	ZAY	.....
4. Arthur S. Petersen, Associate Radiologist	ZAY	.....
5. Bernard Baker, Assistant Radiologist	ZBY	.....
6. Edwin J. Liebner, Assistant Radiologist	ZBY	.....
7. Myron Melamed, Assistant Radiologist	ZBY	.....
8. Anton M. Pantone, Assistant Radiologist	ZBY	.....
Nonacademic Salaries		\$146 980
<i>Total, Salaries</i>		(146 980)
Wages		39 800
Expense		107 000
Equipment		6 000
<i>Total, Wages, Expense, and Equipment</i>		(152 800)
<i>Total, Radiology</i>		\$299 780

Respiratory Center Revolving

Account Number 07-27-25

1. Mark H. Lepper, Consulting Director	ZAY	.....
Nonacademic Salaries		\$ 75 834
<i>Total, Salaries</i>		(75 834)
Wages		37 105
Wages, Res. Dent. Os. Cl.		1 200
<i>Total, Wages, Expense, and Equipment</i>		(38 305)
<i>Total, Respiratory Center Revolving</i>		\$114 139

Ward Equipment

Account Number 05-27-90

Expense	\$ 14 000
Equipment	25 000
<i>Total, Ward Equipment</i>	\$ 39 000

LIBRARY

Account Number 05-33-05

1. Wilma Troxel, Librarian	BY	.....
Professor of Library Administration	AY	.....
2. Lorena Clarke, Catalog Librarian with rank of Assistant Professor	BY	9 100
3. Clara L. Meckel, Circulation and Reference Librarian with rank of Assistant Professor	BY	8 000
4. Margaret M. Bates, Assistant Librarian, <i>Emerita</i>	R	.....
5. Mary J. Campbell, Acquisitions Librarian with rank of Assistant Professor	BY	8 100
6. Charles Z. Hughes, Serials Librarian with rank of Instructor	DY	7 650
7. Maritha Kona, Cataloger with rank of Instructor	DY	6 200
8. Aletha Kowitz, Circulation and Reference Assistant with rank of Instructor	DY	6 600
9. Dorothea M. Wheeler, Reference Librarian with rank of Instructor, <i>Emerita</i>	R	.....
Nonacademic Salaries		33 440
<i>Total, Salaries</i>		(91 290)
Wages		5 275

Expense	3 500
Equipment	2 100
Library Additions	47 500
<i>Total, Wages, Expense, and Equipment</i>	(58 375)
<i>Total, Library</i>	<u>\$149 665</u>

PHYSICAL PLANT**General**

	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Administration	\$148 336	\$ 26 070	\$ 174 406
Building Operation	36 880	652 812	689 692
Police and Watchmen	9 600	155 545	165 145
Building Maintenance	81 371	563 025	644 396
Grounds Maintenance	8 400	81 975	90 375
Heat, Light, and Power	9 600	755 321	764 921
Union Building .....	.....	15 590	15 590
Medical Center Steam Plant .....	.....	458 077	458 077
<i>Total, General</i>	<u>\$294 187</u>	<u>\$2 708 415</u>	<u>\$3 002 602</u>

Restricted

<i>Auxiliary Enterprises</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Second Unit of Dentistry-Medicine-Pharmacy Building .....	.....	\$ 270 000	\$ 270 000
Chicago Union Building Operation	\$14 617	19 403	34 020
Illini Union Food Service	16 072	164 773	180 845
Tenant Properties .....	.....	12 673	12 673
Trust, Staff Apartments .....	.....	156 946	156 946
Trust, Student Residence Hall	31 810	414 969	446 779
Trust, Tenant Properties .....	.....	20 076	20 076
<i>Total, Restricted</i>	<u>\$62 499</u>	<u>\$1 058 840</u>	<u>\$1 121 339</u>

Administration

Account Number 05-36-02		
I. H. W. Pearce, Associate Director	ZDY	\$ 17 000
Nonacademic Salaries		131 336
<i>Total, Salaries</i>		(148 336)
Wages		920
Expense		23 540
Equipment		1 610
<i>Total, Wages, Expense, and Equipment</i>		(26 070)
<i>Total, Administration</i>		<u>\$174 406</u>

Building Operation

Account Number 05-36-04		
Nonacademic Salaries		\$ 36 880
<i>Total, Salaries</i>		(36 880)
Wages		605 874
Expense		43 938
Equipment		3 000
<i>Total, Wages, Expense, and Equipment</i>		(652 812)
<i>Total, Building Operation</i>		<u>\$689 692</u>

Police and Watchmen

Account Number 05-36-06		
Nonacademic Salaries		\$ 9 600
<i>Total, Salaries</i>		(9 600)
Wages		146 113
Expense		9 182

Equipment	250
<i>Total, Wages, Expense, and Equipment</i>	<u>(155 545)</u>
<i>Total, Police and Watchmen</i>	\$165 145

Building Maintenance

Account Number 05-36-08	
Nonacademic Salaries	\$ 81 371
<i>Total, Salaries</i>	<u>(81 371)</u>
Wages, General	351 234
Wages, Renewals and Replacements	111 590
Expense, General	51 139
Expense, Renewals and Replacements	47 086
Equipment	1 976
<i>Total, Wages, Expense, and Equipment</i>	<u>(563 025)</u>
<i>Total, Building Maintenance</i>	\$644 396

Grounds Maintenance

Account Number 05-36-60	
Nonacademic Salaries	\$ 8 400
<i>Total, Salaries</i>	<u>(8 400)</u>
Wages	72 738
Expense	8 421
Equipment	816
<i>Total, Wages, Expense, and Equipment</i>	<u>(81 975)</u>
<i>Total, Grounds Maintenance</i>	\$ 90 375

Heat, Light, and Power

Account Number 05-36-65	
Nonacademic Salaries	\$ 9 600
<i>Total, Salaries</i>	<u>(9 600)</u>
Wages	290 506
Expense	463 940
Equipment	875
<i>Total, Wages, Expense, and Equipment</i>	<u>(755 321)</u>
<i>Total, Heat, Light, and Power</i>	\$764 921

Union Building

Account Number 05-36-75	
Food Service	\$ 9 290
Use of Facilities	6 300
<i>Total, Union Building</i>	\$ 15 590

Medical Center Steam Plant

Account Number 05-36-85	
Expense	\$458 077
<i>Total, Medical Center Steam Plant</i>	\$458 077

Auxiliary Enterprises**Chicago Union Building Operation**

Account Number 15-15-15	
Nonacademic Salaries	\$ 14 617
<i>Total, Salaries</i>	<u>(14 617)</u>
Wages	5 720
Expense	13 683
<i>Total, Wages, Expense, and Equipment</i>	<u>(19 403)</u>
<i>Total, Chicago Union Building Operation</i>	\$ 34 020

Illini Union Food Service

Account Number 15-15-16	
Nonacademic Salaries	\$ 16 072
<i>Total, Salaries</i>	<u>(16 072)</u>

Wages.....	68 657
Expense.....	96 116
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(164 773)</i>
<i>Total, Illini Union Food Service.....</i>	<i>\$180 845</i>

Trust — Housing Division Administration

Account Number 62-10-10

1. F. C. Dalla, Director of Chicago Housing Division..... ZDY	\$(11 500)
Nonacademic Salaries	(22 110)
<i>Total, Salaries</i>	<i>(33 610)</i>
Wages.....	(2 200)
Expense.....	(1 452)
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(3 652)</i>
<i>Total, Trust — Housing Division Administration.....</i>	<i>\$(37 262)</i>

Trust — Staff Apartments

Account Number 62-10-11

Wages.....	\$ 12 174
Expense.....	144 772
<i>Total, Trust — Staff Apartments.....</i>	<i>\$156 946</i>

Trust — Student Residence Hall

Account Number 62-10-12

1. 1.00 Full Time Equivalent Assistants..... G	\$ 4 800
Nonacademic Salaries	27 010
<i>Total, Salaries</i>	<i>(31 810)</i>
Wages.....	128 865
Expense.....	286 104
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(414 969)</i>
<i>Total, Trust — Student Residence Hall.....</i>	<i>\$446 779</i>

Trust — Tenant Properties

Account Number 62-10-13

Expense.....	\$ 20 076
<i>Total, Trust — Tenant Properties.....</i>	<i>\$ 20 076</i>

Trust — Second Unit of Dentistry-Medicine-Pharmacy Building

Account Number 62-10-14

Wages.....	\$110 490
Expense.....	35 010
Debt Service	124 500
<i>Total, Trust — Second Unit of Dentistry-Medicine- Pharmacy Building</i>	<i>\$270 000</i>

Tenant Properties

Account Number 15-15-05

Expense.....	\$ 12 673
<i>Total, Tenant Properties.....</i>	<i>\$ 12 673</i>

STUDENT AID**Restricted**

	Salaries	Wages, Ex- pense, and Equipment	Total
Estimated Endowment Income.....		\$ 2 500	\$ 2 500
Estimated Private Gifts.....	\$ 7 000	18 000	25 000
Estimated U.S. Contracts.....		30 000	30 000
<i>Total, Restricted.....</i>	<i>\$ 7 000</i>	<i>\$50 500</i>	<i>\$57 500</i>

CHICAGO UNDERGRADUATE DIVISION

APPROPRIATIONS

General		Wages, Expense, and Equipment	
	Salaries		Total
<i>Administration and General</i>	\$ 635 130	\$ 142 595	\$ 777 725
<i>Instruction</i>			
Liberal Arts and Sciences.....	1 408 495	69 760	1 478 255
Engineering.....	606 235	51 490	657 725
Commerce and Business Administration....	194 240	4 562	198 802
Physical Education.....	181 606	19 690	201 296
Armed Forces.....	4 020	2 960	6 980
Summer Session.....	160 000	5 600	165 600
<i>Total, Instruction</i>	(2 554 596)	(154 062)	(2 708 658)
<i>Libraries</i>	145 240	44 200	189 440
<i>Physical Plant</i>	58 022	910 294	968 316
<i>Total, General</i>	\$3 392 988	\$1 251 151	\$4 644 139

Restricted		Wages, Expense, and Equipment	
	Salaries		Total
<i>Auxiliary Enterprises</i>			
Administration and General.....	\$ 67 070	\$294 510	\$361 580
Physical Education.....	15 050	36 550	51 600
Physical Plant.....	31 689	242 276	273 965
<i>Total, Auxiliary Enterprises</i>	(113 809)	(573 336)	(687 145)
<i>Total, Restricted</i>	\$113 809	\$573 336	\$687 145

ADMINISTRATION AND GENERAL

General		Wages, Expense, and Equipment	
	Salaries		Total
<i>Administration and General</i>			
Vice President's Office.....	\$161 510	\$ 40 065	\$201 575
Student Counseling Service.....	131 350	17 310	148 660
Business Office.....	76 260	12 430	88 690
Admissions and Records.....	120 420	50 070	170 490
Nonacademic Personnel.....	21 860	4 150	26 010
Dean of Students.....	44 160	6 290	50 450
Health Service.....	67 120	6 880	74 000
Public Information.....	12 450	5 400	17 850
<i>Total, General</i>	\$635 130	\$142 595	\$777 725

Restricted		Wages, Expense, and Equipment	
	Salaries		Total
<i>Auxiliary Enterprise</i>			
Bookstore.....	\$57 860	\$215 500	\$273 360
Student Activities.....		17 800	17 800
Student Hospital and Medical Services.....	9 210	61 210	70 420
<i>Total, Restricted</i>	\$67 070	\$294 510	\$361 580

Vice-President's Office

Account Number 70-05-05			
1. Norman A. Parker, Vice-President.....	BY}	\$ 26 000	
Professor of Mechanical and Industrial Engineering	AY}		
2. C. C. Caveny, Executive Dean.....	BY}	18 000	
With rank of Professor.....	AY}		
3. Arthur D. Pickett, Associate Dean of Administration..	ZBY	14 500	
4. Harold N. Cooley, Assistant Dean.....	BY	12 800	
5. Arnold J. Hartoch, Director of Publications.....	ZBY37	4 450	
(Total Salary)		(10 000)	

6. 10.0 Full Time Equivalent Teaching Staff.....	65 000
Nonacademic Salaries	20 760
<i>Total, Salaries</i>	(161 510)
Wages.....	220
Expense.....	18 245
Expense, General Publications.....	11 000
Contingent.....	10 000
Nonrecurring Unassigned	5 000
Equipment.....	600
<i>Total, Wages, Expense, and Equipment</i>	(40 065)
<i>Total, Vice President's Office</i>	\$201 575

Student Counseling Service

Account Number 70-05-10

1. Paul C. Greene, Director.....	ZBY	\$ 13 700
2. Harold Klehr, Assistant Director.....	ZBY	12 200
3. Roger M. Mick, Counselor.....	ZBY	9 300
4. Jean H. Baer, Administrative Assistant.....	ZBY	10 700
5. Louis A. Berman, Counselor.....	ZBY	9 500
6. I. A. Burch, Counselor.....	ZBY	9 200
7. Lucy C. Zaccaria, Supervisor of Test Research and Service, and Counselor.....	ZBY	10 100
8. James W. Creaser, Counselor.....	ZDY	7 200
9. Daniel L. Heftel, Counselor.....	ZDY75	6 200
10. _____, Counselor	ZBY	8 200
11. _____, Psychometrist	DY	5 600
12. _____, Assistant Psychometrist.....	DY	4 900
13. Summer Session Salaries.....		4 390
Nonacademic Salaries		20 160
<i>Total, Salaries</i>		(131 350)
Wages.....		2 940
Expense		12 810
Convention Travel		360
Equipment		1 200
<i>Total, Wages, Expense, and Equipment</i>		(17 310)
<i>Total, Student Counseling Service</i>		\$148 660

Business Office

Account Number 70-05-15

1. James E. Osborn, Business Manager of Chicago Col- leges and Divisions.....	ZDY	\$ 76 260
Nonacademic Salaries		(76 260)
<i>Total, Salaries</i>		
Wages.....		2 630
Expense		8 800
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(12 430)
<i>Total, Business Office</i>		\$ 88 690

Auxiliary — Bookstore

Account Number 75-15-20

Nonacademic Salaries		\$ 57 860
<i>Total, Salaries</i>		(57 860)
Wages.....		4 500
Expense		210 000
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(215 500)
<i>Total, Auxiliary — Bookstore</i>		\$273 360

Admissions and Records

Account Number 70-05-20

1. Harold E. Temmer, Associate Dean.....	DY	\$ 14 300
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2. Kirker Smith, Assistant Dean.....	DY	9 250
Nonacademic Salaries		96 870
<i>Total, Salaries</i>		(120 420)
Wages.....		11 770
Expense.....		37 800
Equipment.....		500
<i>Total, Wages, Expense, and Equipment</i>		(50 070)
<i>Total, Admissions and Records</i>		\$170 490

Nonacademic Personnel

Account Number 70-05-25		
1. Leroy J. Votava, Associate Director.....	DY	\$ 9 500
Nonacademic Salaries		12 360
<i>Total, Salaries</i>		(21 860)
Wages.....		350
Expense.....		3 800
<i>Total, Wages, Expense, and Equipment</i>		(4 150)
<i>Total, Nonacademic Personnel</i>		\$ 26 010

Dean of Students

Account Number 70-05-30		
1. W. O. Brown, Associate Dean of Students.....	BY	\$ 13 300
2. Agnes G. Tandberg, Dean of Women.....	BY	10 500
3. Merton S. Zahrt, Assistant to the Dean of Students... (Total Salary)	ZBY46	4 150 (8 950)
4. Laurette A. Kirstein, Coordinator of Foreign Students (Total Salary)	ZDY25	2 200 (7 900)
Nonacademic Salaries		14 010
<i>Total, Salaries</i>		(44 160)
Wages.....		1 840
Expense.....		4 250
Equipment.....		200
<i>Total, Wages, Expense, and Equipment</i>		(6 290)
<i>Total, Dean of Students</i>		\$ 50 450

Auxiliary—Student Activities

Account Number 75-15-15		
Expense		\$ 17 800
<i>Total, Auxiliary—Student Activities</i>		\$ 17 800

Auxiliary—Student Hospital and Medical Services

Account Number 75-15-30		
1. Merton S. Zahrt, Assistant to the Dean of Students... (Total Salary)	ZBY54	\$ 4 800 (8 950)
Nonacademic Salaries		4 410
<i>Total, Salaries</i>		(9 210)
Expense.....		3 127
Premiums.....		58 083
<i>Total, Wages, Expense, and Equipment</i>		(61 210)
<i>Total, Auxiliary—Student Hospital and Medical Services</i>		\$ 70 420

Health Service

Account Number 70-05-35		
1. H. Gordon Reid, Director.....	BY}	\$ 14 500
Associate Professor of Hygiene.....	AY}	
2. Helen M. Kostka, Medical Adviser for Women and Associate Professor of Hygiene.....	AY	12 000
3. Gloria Hilker, Assistant Professor of Hygiene.....	BY50	5 750
4. Fred Madenberg, Medical Adviser for Men and Assistant Professor of Hygiene.....	BY50	5 750
5. Glendon E. Rayson, Medical Adviser for Men and Assistant Professor of Hygiene.....	DY50	5 750

6. John E. Kysar, Instructor in Hygiene.....	D40	3 400
7. Harold W. Spies, Instructor in Hygiene.....	D25	1 800
8. —————, Instructor in Hygiene.....	DY25	1 350
Nonacademic Salaries		16 820
<i>Total, Salaries</i>		(67 120)
Wages.....		1 625
Expense		5 255
<i>Total, Wages, Expense, and Equipment</i>		(6 880)
<i>Total, Health Service</i>		\$ 74 000

Public Information

Account Number 70-05-45

1. Paul F. Cahill, Manager of Public Information, Chicago Undergraduate Division.....	DY	\$ 7 500
Nonacademic Salaries		4 950
<i>Total, Salaries</i>		(12 450)
Wages.....		1 700
Expense		3 500
Expense, Nonrecurring		(1 800)
Equipment		200
<i>Total, Wages, Expense, and Equipment</i>		(5 400)
<i>Total, Public Information</i>		\$ 17 850

LIBERAL ARTS AND SCIENCES

General

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 42 450	\$ 9 150	\$ 51 600
Biological Sciences.....	135 780	16 150	151 930
Humanities.....	534 475	7 650	542 125
Mathematics.....	214 400	1 900	216 300
Physical Sciences.....	264 925	31 360	296 285
Social Sciences.....	216 465	3 550	220 015
<i>Total, General</i>	\$1 408 495	\$69 760	\$1 478 255

Administration

Account Number 70-10-05		
1. H. W. Bailey, Associate Dean.....	ZBY	\$ 16 750
2. Ellis B. Little, Assistant Dean.....	ZBY50	5 300
<i>(Total Salary)</i>		(9 400)
3. W. C. Jackman, Assistant Dean.....	ZBY50	5 800
<i>(Total Salary)</i>		(9 700)
4. —————, Assistant to the Dean.....	D25	1 400
Nonacademic Salaries		13 200
<i>Total, Salaries</i>		(42 450)
Wages.....		650
Expense		4 640
Convention Travel		3 360
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(9 150)
<i>Total, Administration</i>		\$ 51 600

Biological Sciences

Account Number 70-10-10		
1. A. S. Rouffa, Professor.....	A	\$ 10 600
Acting Chairman of Division.....	D	(600)
2. Kenneth M. Madison, Professor.....	A	10 200
3. Arthur D. Pickett, Professor.....	ZAY	.....
4. William Sangster, Professor.....	A	10 800
5. Sidney F. Glassman, Associate Professor.....	A	9 100

6. Ellis B. Little, Associate Professor.....	ZA50	4 100
(Total Salary)		(9 400)
7. Max C. Shank, Associate Professor.....	A	9 600
(On leave without pay 1961-62)		
8. Shelton Applegate, Assistant Professor.....	B	6 500
9. John T. Newell, Assistant Professor.....	B	7 000
10. Halina J. Presley, Assistant Professor.....	B	7 250
11. David Shomay, Assistant Professor.....	B	7 700
12. James A. Bond, Instructor.....	D	6 500
13. Catherine H. Claar, Instructor.....	D	5 600
14. William J. Dembski, Instructor.....	D	5 600
15. John L. Sarkissian, Instructor.....	D	5 200
16. Charles L. Scudder, Instructor.....	D	4 900
(On leave without pay 1961-62)		
17. Charles N. Spirakis, Instructor.....	D	7 250
18. Paul J. Taxey, Instructor.....	D	4 800
Nonacademic Salaries		13 080
Total, Salaries		(135 780)
Wages.....		1 250
Expense		12 900
Equipment		2 000
Total, Wages, Expense, and Equipment.....		(16 150)
Total, Biological Sciences.....		\$151 930

Humanities

Account Number 70-10-15

1. E. B. Vest, Professor of English and Head of Division A		\$ 13 000
2. Jose Sanchez, Professor of Foreign Languages.....	A	10 000
3. William M. Schuyler, Professor of Foreign Languages A		10 400
4. Wayne N. Thompson, Professor of Speech.....	A	11 200
5. Hazel Vardaman, Professor of Foreign Languages....	A	10 800
6. Irving D. Blum, Associate Professor of English.....	A	8 500
7. Arnold J. Hartoch, Associate Professor of Foreign Languages.....	ZA63	5 550
(Total Salary)		(10 000)
8. Falk S. Johnson, Associate Professor of English.....	A	9 100
9. A. Karanikas, Associate Professor of English.....	A	8 200
10. Robert Kauf, Associate Professor of Foreign Languages A		8 500
11. Bernard R. Kogan, Associate Professor of English....	A	8 500
12. Marie E. Lein, Associate Professor of Foreign Languages.....	A	8 500
13. John O. Marsh, Jr., Associate Professor of Foreign Languages.....	A	8 200
14. Constance Nicholas, Associate Professor of English....	A	8 500
15. Carl A. Pitt, Associate Professor of Speech.....	A	8 500
(On leave with pay second semester 1961-62)		
16. Harry J. Runyan, Associate Professor of English.....	A	8 200
17. Andrew Schiller, Associate Professor of English.....	A	8 500
(On leave with pay second semester 1961-62)		
18. Ernest S. Willner, Associate Professor of Foreign Languages	A	8 800
19. Elizabeth V. Wright, Associate Professor of English..	A	8 800
20. Edwin R. Fissinger, Assistant Professor of Music....	B	8 000
21. J. B. Fuller, Assistant Professor, <i>Emeritus</i>	R	.....
22. Robert E. Gallagher, Assistant Professor of English..	B	7 000
23. Guinevere L. Griest, Assistant Professor of English..	B	6 750
24. Eloise K. Hay, Assistant Professor of English.....	B50	3 250
25. W. C. Jackman, Assistant Professor of English.....	ZB50	3 900
(Total Salary)		(9 700)
26. John C. Johnson, Assistant Professor of English.....	B	7 500
27. Moreen Jordan, Assistant Professor of English.....	B	7 750
28. Zelma B. Leonhard, Assistant Professor of English....	B	7 500

29. Willie N. Love, Assistant Professor of English.....	B	7 000
(On leave with pay second semester 1961-62)		
30. Sonia Miller, Assistant Professor of English.....	B	7 250
31. James B. Stronks, Assistant Professor of English.....	B	8 000
(On leave with one-half pay 1961-62)		
32. Elizabeth Teichmann, Assistant Professor of Foreign Languages	B	7 500
(On leave with pay second semester 1961-62)		
33. Samuel A. Weiss, Assistant Professor of English.....	B	7 750
34. Maurita F. Willett, Assistant Professor of English....	B	7 000
(On leave with pay second semester 1961-62)		
35. Norman R. Atwood, Instructor in English.....	D	7 200
36. Johanna Braunfeld, Instructor in Foreign Languages..	D	7 000
37. Kathryn H. Carlson, Instructor in English.....	D	6 200
38. Robert L. S. Cassell, Instructor in English.....	D	6 400
39. Willis Charkovsky, Instructor in Music.....	D50	3 400
40. Joan M. Chillag, Instructor in English.....	D	5 600
41. Francis G. Cox, Instructor in English.....	D	6 200
42. Janice M. Crews, Instructor in Speech.....	D	7 000
43. Russell E. Davis, Instructor in English.....	D	6 000
44. Ruby V. Degryse, Instructor in Speech.....	D	5 800
45. Lloyd E. Dodd, Instructor in English.....	D	5 600
46. James Friend, Instructor in English.....	D	5 600
47. Frances M. Goulson, Instructor in Speech.....	D	7 000
48. Joseph L. Gray, Instructor in Foreign Languages.....	D50	2 700
49. Eleanor K. Harris, Instructor in English.....	D	5 800
50. Lucy S. Hegie, Instructor in English.....	D	6 400
51. Conde R. Hoskins, Instructor in Speech.....	D	6 800
52. Helen J. Hovde, Instructor in Speech.....	D	7 000
53. Marion S. Kerwick, Instructor in English.....	D	6 800
54. Laurette A. Kirstein, Instructor in English.....	ZD75	5 700
(Total Salary)		(7 900)
55. Theodore Kundrat, Instructor in Speech.....	D	6 400
56. Richard H. Lerner, Instructor in English.....	D	5 000
57. John H. Mackin, Jr., Instructor in English.....	D	7 000
58. H. G. Merten, Instructor in English, <i>Emeritus</i>	R	.....
59. I. M. Miller, Instructor in English.....	D	7 000
60. Margaret H. Oleksy, Instructor in English.....	D	7 400
61. Irving S. Olsen, Instructor in Foreign Languages.....	D	5 800
62. James R. Peck, Instructor in English.....	D	5 800
63. Anne Phillips, Instructor in English.....	D	4 800
64. Cecilia M. Rudin, Instructor in English.....	D	6 600
65. Henry B. Russell, Instructor in Foreign Languages....	D	5 200
66. Mary C. Sidney, Instructor in English.....	D	5 200
67. Clara S. Skogen, Instructor in Foreign Languages....	D	7 000
68. Morris Star, Instructor in English.....	D	6 000
69. Robert E. Terrill, Instructor in English.....	D	4 800
70. Beatrice S. Timmis, Instructor in English, <i>Emerita</i>	R	.....
71. Nancy A. Tomasek, Instructor in Foreign Languages..	D	4 800
72. Ferdina J. C. Tort, Instructor in Foreign Languages..	D	6 200
73. ———, Instructor in Speech.....	D	6 400
74. ———, Instructor in Foreign Languages.....	D50	3 200
75. Angela H. Adekoya, Assistant in Foreign Languages..	E	4 400
76. Charles B. Maurer, Assistant in Foreign Languages....	E	5 000
77. 4.50 Full Time Equivalent Assistants.....	E	20 075
Nonacademic Salaries		12 300
<i>Total, Salaries</i>		(534 475)
Wages		500
Expense		6 650
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(7 650)
<i>Total, Humanities</i>		\$542 125

Mathematics

Account Number 70-10-20

1. _____, Associate Professor and Head of Division.....	A	\$ 10 400
2. Herbert J. Curtia, Associate Professor.....	A	8 700
Acting Head of Division.....		(600)
3. H. W. Bailey, Professor.....	ZAY	
4. Evelyn Frank, Professor.....	A	10 600
(On leave with pay second semester 1961-62)		
5. F. S. Nowlan, Professor, <i>Emeritus</i>	R	.....
6. Flora Dinkines, Associate Professor.....	A	8 800
7. Irwin K. Feinstein, Associate Professor of Mathematics Education.....	A	8 800
8. M. C. Hartley, Associate Professor.....	A	9 800
9. Louis L. Pennisi, Associate Professor.....	A	8 800
10. Furio Alberti, Assistant Professor.....	B	7 400
11. Ruth M. Ballard, Assistant Professor.....	B	7 700
12. Kenneth H. Murphy, Assistant Professor.....	B	7 900
13. Winifred Berglund, Instructor.....	D	6 900
14. Louis I. Gordon, Instructor.....	D	6 650
15. W. M. Henderleiter, Instructor.....	D	5 300
16. Roger G. Hill, Instructor.....	D	6 650
17. Betty J. Kuzmanic, Instructor.....	D50	2 600
18. Rose Lariviere, Instructor, <i>Emerita</i>	R	.....
19. Sim Lasher, Instructor.....	D	6 250
20. Julia B. Linn, Instructor.....	D	5 550
21. Jeannette Lumley, Instructor.....	D	5 350
22. Robert A. Mertes, Instructor.....	D	5 300
23. Grace M. Nolan, Instructor.....	D	6 600
24. Charles E. Olsen, Instructor.....	D	6 600
25. Thomas B. Ondrak, Instructor.....	D	6 600
26. Candida A. K. Rees, Instructor.....	D	5 600
27. N. C. Scholomiti, Instructor.....	D	6 750
28. Helen W. Sears, Instructor.....	D	6 250
29. Laurence Sjoblom, Instructor.....	D	5 900
30. Rose H. Vedral, Instructor.....	D	6 600
31. Rosemary F. Wiley, Instructor.....	D	6 200
32. Leo F. Ziomek, Instructor.....	D	5 900
33. Irena Zygmund, Instructor.....	D	5 900
34. 0.25 Full Time Equivalent Assistants.....	E	1 250
Nonacademic Salaries.....		4 800
Total, Salaries.....		(214 400)
Wages.....		100
Expense.....		1 550
Equipment.....		250
Total, Wages, Expense, and Equipment.....		(1 900)
Total, Mathematics.....		\$216 300

Physical Sciences

Account Number 70-10-25

1. C. R. Meloy, Professor of Chemistry and Head of Division of Physical Sciences.....	A	\$ 13 000
(On leave with one-half pay 1961-62)		
2. Bernard J. Babler, Professor of Chemistry.....	A	11 200
3. F. B. Crum, Professor of Chemistry.....	A	10 800
4. Roy Huitema, Professor of Chemistry.....	A	11 200
5. R. W. Karpinski, Professor of Geology.....	A	10 400
6. Joseph Bachrach, Associate Professor of Chemistry... A		8 800
7. Charles K. Hunt, Associate Professor of Chemistry... A		9 400
8. J. Victor Mansfield, Associate Professor of Chemistry... A		8 500
9. H. J. Mueller, Associate Professor of Chemistry..... A		8 200
10. Samuel Schrage, Associate Professor of Chemistry..... A		8 800

11. Robert E. DeMar, Assistant Professor of Geology.....	B	6 500
12. Anatol Gottlieb, Assistant Professor of Chemistry....	B	7 250
13. Rosalind Klaas, Assistant Professor of Chemistry.....	B	7 500
14. Edward G. Rietz, Assistant Professor of Chemistry....	B67	5 000
15. John F. Steiner, Assistant Professor of Chemistry.....	B	7 250
16. John W. Weldon, Assistant Professor of Chemistry....	B	8 000
17. Milton Yusem, Assistant Professor of Chemistry.....	B	6 500
18. Marjorie Alschuler, Instructor in Chemistry.....	D	5 600
19. Lynn Carbonaro, Instructor in Chemistry.....	D	6 600
20. John W. Cowin, Instructor in Chemistry.....	D	7 000
21. Harry J. Delfs, Instructor in Chemistry.....	G67	2 000
(First semester 1961-62)		
22. Shafeek Farag, Instructor in Chemistry.....	D	6 000
23. Donald D. Hedberg, Instructor in Chemistry.....	D	6 000
24. Elaine Z. Herzog, Instructor in Chemistry.....	D	6 000
25. Joan M. Jones, Instructor in Chemistry.....	D	6 400
26. Louis N. Kurs, Instructor in Geology.....	D	6 300
(On leave without pay 1961-62)		
27. Robert L. Miller, Instructor in Chemistry.....	D	6 800
28. Eileen Pare, Instructor in Chemistry.....	D	5 600
29. Clarence J. Perry, Instructor in Chemistry.....	D	7 000
30. Donald D. Roberts, Instructor in Chemistry.....	D	5 800
31. G. I. Sackheim, Instructor in Chemistry.....	D	7 000
32. Frances K. Seabright, Instructor in Chemistry.....	D	6 600
33. Alan M. Gaines, Assistant in Chemistry.....	E	5 000
34. Thomas A. Lothian, Assistant in Chemistry.....	E	5 000
35. 0.17 Full Time Equivalent Assistants.....	E	835
Nonacademic Salaries		15 090
<i>Total, Salaries</i>		(264 925)
Wages.....		4 010
Expense		24 350
Equipment		3 000
<i>Total, Wages, Expense, and Equipment</i>		(31 360)
<i>Total, Physical Sciences</i>		\$296 285

Social Sciences

Account Number 70-10-30

1. Donald W. Riddle, Professor of History and Head of Division of Social Sciences.....	A	\$ 13 300
2. Hollis W. Barber, Professor of Political Science.....	A	12 000
3. Alden D. Cutshall, Professor of Geography.....	A	11 200
4. Paul C. Greene, Professor of Psychology.....	ZAY	.....
5. Peter P. Klassen, Professor of Sociology.....	A	11 000
6. Eli A. Lipman, Professor of Psychology.....	A	10 800
7. D. J. Morris, Professor of Philosophy.....	A	10 000
8. Victor E. Ricks, Professor of Education.....	A	10 000
9. Shirley A. Bill, Associate Professor of History.....	A	8 500
10. Robert E. Corley, Associate Professor of Sociology....	A	8 200
11. Allen H. Howard, Associate Professor of Psychology..	A	8 200
12. Stanley L. Jones, Associate Professor of History.....	A	9 100
13. Harold Klehr, Associate Professor of Psychology.....	ZAY	.....
14. Robert L. Nicholson, Associate Professor of History..	A	8 800
15. Louis Unfer, Associate Professor of History, <i>Emeritus</i> ..	R	.....
16. Jean H. Baer, Assistant Professor of Education.....	ZBY	.....
17. Louis A. Berman, Assistant Professor of Psychology..	ZBY	.....
18. I. A. Burch, Assistant Professor of Psychology.....	ZBY	.....
19. Mary M. Colby, Assistant Professor of Geography....	B	7 750
20. Mildred I. Finney, Assistant Professor of Geography..	B	7 500
21. Gordon Lee Goodman, Assistant Professor of History..	B	7 250
22. Wanda N. Gum, Assistant Professor.....	G	.....
(On disability leave without pay—University Retirement System)		
23. Vivian C. Lipman, Assistant Professor of Psychology..	B	6 500

24. Roger M. Mick, Assistant Professor of Psychology....	ZBY	.....
25. Milton L. Rakove, Assistant Professor of Political Science	B	7 500
26. George A. Rheumer, Assistant Professor of Geography	B	7 750
27. Madelaine Shalibi, Assistant Professor of Education....	B	6 750
28. Lucy C. Zaccaria, Assistant Professor of Psychology...	ZBY	.....
29. Walter B. Asch, Instructor in History.....	D	6 000
30. James W. Creaser, Instructor in Psychology.....	ZDY	.....
31. Daniel L. Heftel, Instructor in Psychology.....	ZDY	.....
32. Nan E. McGehee, Instructor in Psychology.....	D	5 600
33. Robert R. Page, Instructor in Philosophy.....	D	6 200
34. Charles P. Warren, Instructor in Anthropology.....	D	6 200
35. _____, Instructor	D40	2 300
36. 2.45 Full Time Equivalent Assistants.....	E	13 565
Nonacademic Salaries		4 500
Total, Salaries		(216 465)
Wages.....		100
Expense		3 000
Equipment		450
Total, Wages, Expense, and Equipment.....		(3 550)
Total, Social Sciences.....		\$220 015

ENGINEERING SCIENCES

General

Instruction	Salaries	Wages, Expense, and Equipment	Total
Administration	\$ 44 310	\$ 9 940	\$ 54 250
Architecture and Art	155 340	9 630	164 970
Engineering	75 300	5 810	81 110
General Engineering.....	140 770	7 440	148 210
Physics.....	141 300	12 600	153 900
Shop Laboratories.....	49 215	6 070	55 285
Total, General.....	\$606 235	\$51 490	\$657 725

Administration

Account Number 70-15-05		
1. F. W. Trezise, Associate Dean.....	ZBY	\$ 16 550
2. Rupert M. Price, Assistant Dean.....	ZBY	13 300
Nonacademic Salaries		14 460
Total, Salaries		(44 310)
Wages.....		1 940
Expense		5 700
Convention Travel		1 600
Equipment		700
Total, Wages, Expense, and Equipment.....		(9 940)
Total, Administration		\$ 54 250

Architecture and Art

Account Number 70-15-10		
1. Harold McEldowney, Professor of Architecture and Head of Department.....	A	\$ 12 250
2. John D. McNee, Professor of Art.....	A	10 000
(Leave to be determined)		
3. Canio Radice, Professor of Art.....	A	10 000
4. John F. Richardson, Professor of Art.....	A	10 000
5. Kenneth G. Shopen, Professor of Art.....	A	10 000
6. Anthony DeFilippis, Associate Professor of Architecture	A	10 000
7. Henry L. Mikolajczyk, Associate Professor of Architecture.....	A	10 300
8. Rowland Rathbun, Associate Professor of Architecture	A	9 050
9. John E. Walley, Associate Professor of Architecture..	A	9 900
10. Edward E. Burr, Assistant Professor of Art.....	B	8 500
11. Roland F. Ginzler, Assistant Professor of Art.....	B	7 800

12. Don A. Masterton, Assistant Professor of Architecture	B	7 650
13. Robert W. Nickle, Assistant Professor of Art.....	B	7 850
14. Nancy Stableford, Assistant Professor of Art.....	B	6 800
15. _____, Assistant Professor of Architecture.....	B	8 750
16. _____, Assistant Professor of Architecture.....	B	6 500
17. 0.35 Full Time Equivalent Assistants.....	E	1 500
Nonacademic Salaries		8 490
<i>Total, Salaries</i>		(155 340)
Wages.....		1 680
Expense.....		6 200
Equipment		1 750
<i>Total, Wages, Expense, and Equipment</i>		(9 630)
<i>Total, Architecture and Art</i>		\$164 970

Engineering

Account Number 70-15-15

1. Arnold C. Cobb, Professor of Theoretical and Applied Mechanics and Acting Head of Department.....	A	\$ 10 600
2. F. W. Trezise, Professor.....	ZAY	.....
3. Edward H. Coe, Associate Professor of Civil Engineering	A	9 500
4. F. P. Wiesinger, Associate Professor of Civil Engineering	A	8 700
5. Robert W. Gerstner, Assistant Professor of Civil Engineering	B	8 000
6. William Graf, Assistant Professor.....	B	7 700
7. Alfred Klapperich, Assistant Professor.....	B	7 900
8. Algis Pabarcus, Assistant Professor.....	B	8 000
9. _____, Assistant Professor.....	D	7 300
10. _____, Instructor in Theoretical and Applied Mechanics.....	D	7 600
<i>Total, Salaries</i>		(75 300)
Wages.....		1 310
Expense		2 375
Equipment		2 125
<i>Total, Wages, Expense, and Equipment</i>		(5 810)
<i>Total, Engineering</i>		\$ 81 110

General Engineering

Account Number 70-15-20

1. C. I. Carlson, Professor and Head of Department.....	A	\$ 13 000
2. Harold R. Goppert, Professor.....	A	10 550
3. S. E. Shapiro, Professor.....	A	10 000
4. H. Dale Walraven, Professor.....	A	10 000
5. Richard C. Kohler, Associate Professor of General Engineering Drawing	A	8 700
6. L. N. Blair, Assistant Professor.....	B	7 800
7. Truman C. Buss, Jr., Assistant Professor.....	B	7 500
8. Marion V. J. Dembski, Assistant Professor.....	B	7 600
9. Dee M. Holladay, Assistant Professor.....	B	8 000
10. Richard S. Royster, Assistant Professor.....	B	7 800
11. Fred W. Schroeder, Assistant Professor.....	B	7 700
12. Henry A. Setton, Assistant Professor.....	B	7 600
13. Edward J. Caldario, Instructor.....	D	6 100
14. William Defotis, Instructor.....	D	6 350
15. Donald A. Kurz, Instructor in General Engineering Drawing.....	D	5 750
16. Francis A. Mosillo, Instructor.....	D	6 200
17. Robert Pancner, Instructor.....	D	5 650
Nonacademic Salaries		4 470
<i>Total, Salaries</i>		(140 770)
Wages.....		1 790

Expense	4 650
Equipment	1 000
<i>Total, Wages, Expense, and Equipment</i>	(7 440)
<i>Total, General Engineering</i>	\$148 210

Physics

Account Number 70-15-25

1. Ora Lee Railsback, Professor and Head of Department	A	\$ 13 000
2. Edward B. McNeil, Professor	A	10 000
3. William R. Anderson, Associate Professor	A	8 400
4. Louis Chandler, Associate Professor	A	8 800
5. Herman J. Johnson, Associate Professor	A	8 350
6. Rupert M. Price, Associate Professor	ZAY	.....
7. Harold M. Skadeland, Associate Professor	A	9 500
8. H. B. Weissman, Associate Professor	A	8 600
9. Leon Bess, Assistant Professor	B75	5 850
10. Ogden Livermore, Assistant Professor	B	7 450
11. M. Minkler, Assistant Professor	D	7 150
12. Fisher E. Moraine, Assistant Professor	B	7 750
13. John N. Pappademos, Assistant Professor	B	7 100
(On leave without pay 1961-62)		
14. A. F. Silkett, Assistant Professor	B	7 800
15. Jared W. Haslett, Instructor	D	7 200
16. Isidor Lerner, Instructor	D	7 000
17. James W. Wilbur, Instructor	D	6 550
Nonacademic Salaries		10 800
<i>Total, Salaries</i>		(141 300)
Wages		2 100
Expense		4 150
Equipment		6 350
<i>Total, Wages, Expense, and Equipment</i>		(12 600)
<i>Total, Physics</i>		\$153 900

Shop Laboratories

Account Number 70-15-30

1. Roy B. Perkins, Associate Professor of Mechanical Engineering and Head of Shop Laboratories	A	\$ 10 500
2. J. S. Kozacka, Professor of Mechanical Engineering, Emeritus	R	.....
3. Roy W. Schroeder, Associate Professor of Foundry and Pattern Laboratory	A	9 800
4. Jon L. Liljequist, Instructor in Mechanical Engineering	D	7 400
Nonacademic Salaries		21 515
<i>Total, Salaries</i>		(49 215)
Wages		1 420
Expense		3 475
Equipment		1 175
<i>Total, Wages, Expense, and Equipment</i>		(6 070)
<i>Total, Shop Laboratories</i>		\$ 55 285

COMMERCE AND BUSINESS ADMINISTRATION

Account Number 70-20-05

1. _____, Associate Dean	BY}	\$ 15 750
Professor of Accountancy	AY}	
2. William J. Dunne, Assistant Dean and Assistant Professor of Economics	BY	11 800
3. Alfonse T. Malinosky, Assistant to Dean	BY50	4 600
Assistant Professor of Accountancy	B50	3 800
(Total Salary)		(8 400)
4. Lucille Derrick, Professor of Economics	A	10 900
5. Samuel Fox, Professor of Accountancy	A	10 700
6. Clarence H. Gillett, Professor of Economics	A	10 900

7. W. D. Grampp, Professor of Economics.....	A	10 200
8. Sarah M. Kabbes, Associate Professor of Accountancy A		9 300
9. Albert J. Schneider, Associate Professor of Accountancy A		9 700
10. Fayette B. Shaw, Associate Professor of Economics... A		8 500
11. Daniel K. Andrews, Assistant Professor of Accountancy B		7 200
12. Winifred B. Geldard, Assistant Professor of Economics B		6 500
13. Edward C. Knudson, Assistant Professor, <i>Emeritus</i> R		.....
14. Lawrence Lipkin, Assistant Professor of Accountancy B		6 500
15. Albert V. Alhadeff, Instructor in Economics..... D		4 900
16. Norman D. Hedish, Instructor in Accountancy..... D		5 500
17. Carl M. Larson, Instructor in Economics..... D		7 500
18. Oscar Miller, Instructor in Economics..... D		6 900
19. Edward T. Ossman, Instructor in Accountancy..... D		4 900
20. Arthur O. Seltzer, Instructor in Economics..... D		6 800
21. _____, Instructor in Economics..... D		6 500
22. _____, Instructor in Economics..... D		5 100
23. _____, Instructor in Economics..... D		4 800
24. _____, Instructor in Accountancy..... D33		1 700
Nonacademic Salaries		13 290
<i>Total, Salaries</i>		(194 240)
Wages.....		740
Expense		3 282
Convention Travel		540
<i>Total, Wages, Expense, and Equipment</i>		(4 562)
<i>Total, Commerce and Business Administration</i>		\$198 802

PHYSICAL EDUCATION

General		Wages, Ex- pense, and Equipment	
Instruction	Salaries		Total
Physical Education.....	\$181 606	\$ 19 690	\$201 296
<i>Total, General</i>	\$181 606	\$ 19 690	\$201 296
Restricted		Wages, Ex- pense, and Equipment	
Auxiliary Enterprises	Salaries		Total
Student Athletic Activities.....	\$ 15 050	\$36 550	\$ 51 600
<i>Total, Restricted</i>	\$ 15 050	\$36 550	\$ 51 600

Physical Education

Account Number 70-20-10			
1. J. O. Jones, Associate Dean and Professor of Physical Education for Men.....	ZBY90	\$ 15 400	
(Total Salary)		(16 750)	
2. Sheldon L. Fordham, Assistant Dean and Assistant Professor of Physical Education for Men.....	ZB	9 600	
(Total Salary)		(9 700)	
3. Helen M. Barton, Professor of Physical Education for Women and Head of Women's Department.....	A	10 000	
4. Peter R. Berrafato, Assistant Professor of Physical Education for Men.....	ZB	8 100	
(Total Salary)		(9 400)	
5. Leo L. Gedvilas, Assistant Professor of Physical Education for Men.....	ZB	8 800	
(Total Salary)		(9 200)	
6. Charles Kristufek, Assistant Professor of Physical Education for Men.....	ZB	7 400	
(Total Salary)		(8 300)	
7. Lester H. Miller, Jr., Assistant Professor of Physical Education for Men.....	ZB	8 700	
(Total Salary)		(9 600)	

8. Benedict Montcalm, Assistant Professor of Physical Education for Men.....	ZB	7 200
(Total Salary)		(8 100)
9. Wilma J. Pesavento, Assistant Professor of Physical Education for Women.....	B	6 500
10. Walter G. Versen, Assistant Professor of Physical Education for Men.....	ZB	7 500
(Total Salary)		(8 400)
11. Michael G. Maksud, Instructor in Physical Education for Men.....	ZD	5 600
(Total Salary)		(6 500)
12. Harold H. Nemoto, Instructor in Physical Education for Men.....	ZD	5 700
(Total Salary)		(6 500)
13. Richard R. Rader, Instructor in Physical Education for Men.....	ZD	6 700
(Total Salary)		(7 300)
14. George J. Strnad, Instructor in Physical Education for Men.....	ZD	6 400
(Total Salary)		(7 300)
15. Robert J. Beck, Assistant in Physical Education for Men.....	ZE	4 400
(Total Salary)		(5 000)
16. Donna J. Claypoole, Assistant in Physical Education for Women.....	E	5 500
17. James Descourouez, Assistant in Physical Education for Men.....	ZE	4 400
(Total Salary)		(5 000)
18. Marvin G. Graunke, Assistant in Physical Education for Men.....	ZE	4 300
(Total Salary)		(4 800)
19. Patricia M. Lynn, Assistant in Physical Education for Women.....	E	4 900
20. Robert L. Nolan, Assistant in Physical Education for Men.....	ZE	4 700
(Total Salary)		(5 300)
21. Marla Perry, Assistant in Physical Education for Women.....	E	4 600
22. Zelda S. Rozen, Assistant in Physical Education for Women.....	E	4 750
23. Thomas F. Russo, Assistant in Physical Education for Men.....	ZE	4 400
(Total Salary)		(5 000)
24. Melvin J. Springer, Assistant in Physical Education for Men.....	ZE	5 500
(Total Salary)		(6 300)
Nonacademic Salaries		21 156
Total, Salaries		(181 606)
Wages.....		2 210
Expense		14 380
Convention Travel		600
Equipment		2 500
Total, Wages, Expense, and Equipment.....		(19 690)
Total, Physical Education.....		\$201 296

Auxiliary — Student Athletic Activities

Account Number 75-15-10

1. J. O. Jones, Director of Athletics.....	ZBY10	\$ 1 350
(Total Salary)		(16 750)
2. Sheldon L. Fordham, Assistant Professor of Physical Education for Men.....	ZG	700
(Total Salary)		(9 700)
(Overtime basis)		

3. Peter R. Berrafato, Assistant Professor of Physical Education for Men.....	ZG	1 300
(Total Salary)		(9 400)
(Overtime basis)		
4. Leo L. Gedvilas, Assistant Professor of Physical Education for Men.....	ZG	400
(Total Salary)		(9 200)
(Overtime basis)		
5. Charles Kristufek, Assistant Professor of Physical Education for Men.....	ZG	900
(Total Salary)		(8 300)
(Overtime basis)		
6. Lester H. Miller, Jr., Assistant Professor of Physical Education for Men.....	ZG	900
(Total Salary)		(9 600)
(Overtime basis)		
7. Benedict Montcalm, Assistant Professor of Physical Education for Men.....	ZG	900
(Total Salary)		(8 100)
(Overtime basis)		
8. Walter G. Versen, Assistant Professor of Physical Education for Men.....	ZG	900
(Total Salary)		(8 400)
(Overtime basis)		
9. Michael G. Maksud, Instructor in Physics Education for Men	ZG	900
(Total Salary)		(6 500)
(Overtime basis)		
10. Richard R. Rader, Instructor in Physical Education for Men	ZG	600
(Total Salary)		(7 300)
(Overtime basis)		
11. George J. Strnad, Instructor in Physical Education for Men.....	ZG	900
(Total Salary)		(7 300)
(Overtime basis)		
12. Robert J. Beck, Assistant in Physical Education for Men.....	ZG	600
(Total Salary)		(5 000)
(Overtime basis)		
13. James C. Descourouez, Assistant in Physical Education for Men	ZG	600
(Total Salary)		(5 000)
(Overtime basis)		
14. Marvin G. Graunke, Assistant in Physical Education for Men.....	ZG	500
(Total Salary)		(4 800)
(Overtime basis)		
15. Harold H. Nemoto, Instructor in Physical Education for Men	ZG	800
(Total Salary)		(6 500)
(Overtime basis)		
16. Robert L. Nolan, Assistant in Physical Education for Men	ZG	600
(Total Salary)		(5 300)
(Overtime basis)		
17. Thomas F. Russo, Assistant in Physical Education for Men.....	ZG	600
(Total Salary)		(5 000)
(Overtime basis)		

18. Melvin J. Springer, Assistant in Physical Education for Men	ZG	800
(Total Salary)		(6 300)
(Overtime basis)		
Nonacademic Salaries		800
Total, Salaries		(15 050)
Wages		1 500
Expense		35 050
Total, Wages, Expense, and Equipment		(36 550)
Total, Auxiliary—Student Athletic Activities		\$ 51 600

ARMED FORCES

Account Number 70-20-20		
1. Daniel Crumpacker, Associate Professor of Military Science and Tactics and Head of Department	AY	\$ 4 020
Nonacademic Salaries		(4 020)
Total, Salaries		960
Wages		1 700
Expense		300
Equipment		(2 960)
Total, Wages, Expense, and Equipment		\$ 6 980
Total, Armed Forces		

SUMMER SESSION

Account Number 70-20-25		
Salaries of Academic Staff		\$160 000
Expense, Television		5 600
Total, Summer Session		\$165 600

LIBRARY

Account Number 70-20-30		
1. Edward M. Heiliger, Librarian	BY	\$ 12 200
Professor of Library Administration	AY	
2. Carl J. Frommherz, Catalog Librarian with rank of Assistant Professor	BY	8 500
3. Marie A. Rapp, Circulation Librarian with rank of Assistant Professor of Library Administration	BY	8 500
4. Giles B. Robertson, Reference Librarian with rank of Assistant Professor	BY	8 500
5. Louis Schultheiss, Serials and Acquisition Librarian with rank of Assistant Professor	BY	8 500
(On leave without pay to December 31, 1961)		
6. Robert Adelsperger, Assistant Reference Librarian with rank of Instructor	DY	6 700
7. Marjorie Bengtson, Assistant Reference Librarian with rank of Instructor	DY	6 150
8. Don S. Culbertson, Assistant Serials and Acquisition Librarian with rank of Instructor	DY	5 850
9. Lloyd Engelbrecht, Fine Arts Librarian with rank of Instructor	DY	6 800
10. Martha Kester, Assistant Catalog Librarian with rank of Instructor	DY	6 800
11. Gladys R. Spargo, Acquisition Assistant Librarian	DY	5 400
12. 0.50 Full Time Equivalent Assistants	DY	2 500
Nonacademic Salaries		58 840
Total, Salaries		(145 240)
Wages		5 500
Expense		6 000
Equipment		1 200
Library Additions		31 500
Total, Wages, Expense, and Equipment		(44 200)
Total, Library		\$189 440

PHYSICAL PLANT

General

	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Administration.....	\$25 820	\$ 10 095	\$ 35 915
Building Operation.....	8 800	232 421	241 221
Police and Watchmen.....		117 720	117 720
Building Maintenance.....	23 402	128 921	152 323
Trucks and Cars.....		13 679	13 679
Grounds Maintenance.....		12 986	12 986
Heat, Light, and Power.....		203 422	203 422
Building Rental.....		189 550	189 550
Use of Facilities.....		1 500	1 500
<i>Total, General</i>	<i>\$ 58 022</i>	<i>\$910 294</i>	<i>\$968 316</i>

Restricted

	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
<i>Auxiliary Enterprise</i>			
Food Service.....	\$21 189	\$205 851	\$227 040
Illini Union Facility.....	10 500	36 425	46 925
<i>Total, Restricted</i>	<i>\$31 689</i>	<i>\$242 276</i>	<i>\$273 965</i>

Administration

Account Number 70-25-02			
1. H. W. Pearce, Associate Director.....	ZDY		
Nonacademic Salaries.....			\$ 25 820
<i>Total, Salaries</i>			(25 820)
Wages.....			4 895
Expense.....			5 000
Equipment.....			200
<i>Total, Wages, Expense, and Equipment</i>			(10 095)
<i>Total, Administration</i>			<i>\$ 35 915</i>

Building Operation

Account Number 70-25-04			
Nonacademic Salaries.....			\$ 8 800
<i>Total, Salaries</i>			(8 800)
Wages.....			214 261
Expense.....			18 160
<i>Total, Wages, Expense, and Equipment</i>			(232 421)
<i>Total, Building Operation</i>			<i>\$241 221</i>

Police and Watchmen

Account Number 70-25-06			
Wages.....			\$114 710
Expense.....			3 010
<i>Total, Police and Watchmen</i>			<i>\$117 720</i>

Building Maintenance

Account Number 70-25-08			
Nonacademic Salaries.....			\$ 23 402
<i>Total, Salaries</i>			(23 402)
Wages, General.....			97 999
Wages, Renewals and Replacements.....			13 284
Expense, General.....			13 640
Expense, Renewals and Replacements.....			3 738
Equipment.....			100
<i>Total, Wages, Expense, and Equipment</i>			(128 921)
<i>Total, Building Maintenance</i>			<i>\$152 323</i>

Trucks and Cars

Account Number 70-25-80	
Wages.....	\$ 11 724
Expense.....	1 955
<i>Total, Trucks and Cars.....</i>	<u>\$ 13 679</u>

Grounds Maintenance

Account Number 70-25-82	
Wages.....	\$ 12 436
Expense.....	550
<i>Total, Grounds Maintenance.....</i>	<u>\$ 12 986</u>

Heat, Light, and Power

Account Number 70-25-84	
Wages.....	\$ 92 314
Expense.....	111 008
Equipment.....	100
<i>Total, Heat, Light, and Power.....</i>	<u>\$203 422</u>

Building Rental

Account Number 70-25-94	
Expense, Building Rental.....	\$163 160
Expense, Drill Hall Rental.....	25 240
Expense, Insurance.....	1 150
<i>Total, Building Rental.....</i>	<u>\$189 550</u>

Use of Facilities

Account Number 70-25-98	
Use of Facilities.....	\$ 1 500
<i>Total, Use of Facilities.....</i>	<u>\$ 1 500</u>

Auxiliary Enterprises**Food Service**

Account Number 75-15-05	
Nonacademic Salaries.....	\$ 21 189
<i>Total, Salaries.....</i>	(21 189)
Wages.....	81 490
Expense.....	124 361
<i>Total, Wages, Expense, and Equipment.....</i>	(205 851)
<i>Total, Food Service.....</i>	<u>\$227 040</u>

Illini Union Facility

Account Number 75-15-35	
1. _____, Director of Illini Union, Chicago Under-graduate Division.....	DY50 \$ 6 000
Nonacademic Salaries.....	4 500
<i>Total, Salaries.....</i>	(10 500)
Wages.....	2 850
Expense.....	33 575
<i>Total, Wages, Expense, and Equipment.....</i>	(36 425)
<i>Total, Illini Union Facility.....</i>	<u>\$ 46 925</u>

NONACADEMIC SALARIES**URBANA-CHAMPAIGN****Board of Trustees**

Account Number 00-10-01-000	
1. Maude Archdeacon, 0136, Administrative Clerk.....	N \$ 7 680
2. Catherine C. Cacioppo, 0137, Clerk-Stenographer III.....	N 4 800
3. Helen M. Block, 0138, Clerk-Typist II.....	N 3 060
4. _____, 0139, Clerk-Typist II.....	N 3 090
<i>Total, Board of Trustees.....</i>	<u>\$18 630</u>

President's Office**Account Number 00-10-02-000**

1. E. G. Smith, 0140, Executive Aide.....	N	\$ 8 700
2. Thelma I. Radwell, 0146, Chief Clerk.....	N	5 850
3. Vera K. Burke, 6809, Clerk-Stenographer II.....	N	4 140
4. Judith L. Conover, 6816, Clerk-Stenographer II.....	N	3 720
5. Sharon L. Holt, 0147, Clerk-Stenographer II.....	N	3 180
6. ———, Clerk-Stenographer II.....	N	3 600
7. Dorothy R. McAndrews, 7787, Clerk-Stenographer III....	N	4 680
8. Wilma R. Blum, 6008, Clerk-Typist III.....	N	4 500
9. Bonnie L. Nichols, 8086, Clerk-Typist III.....	N	4 350
10. Virginia J. Hendrix, 0145, Secretary — Stenographic....	N	5 910
11. Zelma C. Holl, 0142, Secretary — Stenographic.....	N	6 840
12. Ruth E. Klein, 0143, Secretary — Stenographic.....	N	6 840
13. Frances G. Dickman, 0141, Administrative Secretary — Stenographic.....	N	8 220
<i>Total, President's Office.....</i>		<u>\$70 530</u>

Indirect Costs — President's Office**Account Number 40-10-02-000**

1. Janet S. Hays, 0149, Clerk-Stenographer I.....	N	\$ 2 820
<i>Total, Indirect Costs — President's Office.....</i>		<u>\$ 2 820</u>

Executive Vice-President and Provost's Office**Account Number 00-10-04-000**

1. Myla M. Messman, 0151, Clerk-Stenographer II.....	N	\$ 3 000
2. ———, Clerk-Stenographer III.....	N	4 000
3. Mildred M. Luther, 0152, Secretary — Stenographic.....	N	7 100
4. Ellen Rhode, 1779, Secretary — Stenographic.....	N	6 850
5. Ruth M. Anderson, 0150, Administrative Secretary — Stenographic.....	N	8 600
<i>Total, Executive Vice-President and Provost's Office....</i>		<u>\$29 550</u>

Vice-President and Comptroller's Office**Account Number 00-10-06-000**

1. Vincent O. Greene, 0192, Accountant II.....	N	\$ 8 300
2. Marilyn J. Swearingen, 0200, Clerk-Stenographer III....	N	4 440
3. Marilyn A. Copeland, 0196, Clerk-Typist III.....	N	3 600
4. Mona F. Bail, 0195, Secretary — Stenographic.....	N	4 890
5. Gladys L. Paul, 0194, Secretary — Stenographic.....	N	7 200
6. James R. Gallivan, 0198, Supervisor of Insurance.....	ZN40	3 520
(Total Salary)		(8 800)
<i>Total, Vice-President and Comptroller's Office.....</i>		<u>\$31 950</u>

Auxiliary — Hospital Insurance Administration**Account Number 18-10-06-701**

1. Linda M. Downing, Clerk-Stenographer I.....	N	\$ 2 700
2. Judith A. Day, 0199, Clerk-Typist III.....	N	3 540
3. Beverly J. McDonald, 0413, Clerk-Typist III.....	N	3 480
4. James R. Gallivan, 0198, Supervisor of Insurance.....	ZN60	5 280
5. Robert A. Hershberger, 7184, Assistant Supervisor of In- surance	N	6 960
<i>Total, Auxiliary — Hospital Insurance Administration..</i>		<u>\$21 960</u>

Business Office**Accounting Division****Account Number 00-10-08-000**

1. Rita C. A. Peters, 0213, Accountant I.....	N	\$ 5 460
2. Gerald E. Brown, 0216, Accountant II.....	N	6 800
3. Joseph A. Garza, 0217, Accountant II.....	N	6 900
4. Earl M. Snyder, 0214, Accountant II.....	N	7 620
5. ———, Accountant II.....	N	5 700

6. Robert N. Parker, 0212, Accountant III.....	N	10 600
7. W. D. Green, 0211, Assistant Chief Accountant.....	N	11 800
8. Caron M. Addis, 5464, Clerk II.....	N	2 820
9. Leah B. Austin, 8187, Clerk II.....	N	2 820
10. Sue E. Benner, 8343, Clerk II.....	ZN	.....
(Paid from Residence Halls)		
11. Julie M. Mayfield, 6876, Clerk II.....	N	2 400
12. Henrietta C. Trump, 7943, Clerk II.....	N	2 520
13. Betty E. Wagner, 0232, Clerk II.....	N	3 300
14. Ruth Bryant, 0286, Clerk III.....	N	3 780
15. Esther B. Theilmann, 6893, Accounting Clerk II.....	N	5 220
16. Wanda M. Whitton, 0207, Accounting Clerk II.....	N	4 440
17. Loisdene Smith, 0227, Typing Clerk II.....	N	2 640
18. Lois A. Kibler, 6892, Clerk-Typist II.....	N	2 640
19. Florence A. Carson, 0300, Clerk-Typist III.....	N	3 420
20. Delores S. Huston, 0229, Clerk-Typist III.....	N	3 300
21. Sharon L. Easton, 7822, Card Punch Operator I.....	N	2 700
22. Beverly A. Smith, 6894, Card Punch Operator II.....	N	3 060
23. Violet Gaschler, 0219, Secretary — Stenographic.....	N	5 460
24. Julia M. Hunt, 0283, Inventory Supervisor.....	N	6 840
<i>Total, Accounting Division.....</i>		<i>\$112 240</i>

INDIRECT COSTS — ACCOUNTING DIVISION

Account Number 40-10-08-000

1. Michael L. Crowell, 5865, Accountant I.....	N	\$ 5 250
2. Jacqueline A. Leonard, 0236, Clerk I.....	N50	1 200
(Total Salary)		(2 400)
3. Judith E. Frerichs, 0272, Clerk II.....	N	2 640
4. Lillian M. Nichols, 5214, Clerk II.....	N	3 300
5. Martha G. Willman, 0226, Clerk II.....	N	2 520
6. Rita A. Siewert, 0237, Clerk-Typist II.....	N	2 760
7. Phyllis J. Feldkamp, 8309, Card Punch Operator I.....	N	2 820
<i>Total, Indirect Costs — Accounting Division.....</i>		<i>\$20 490</i>

Auditing Division

Account Number 00-10-09-000

1. Joseph M. Klieber, 0215, Accountant I.....	N	\$ 4 800
2. Albert E. Marien, 5042, Accountant I.....	N	6 000
3. ———, 8549, Accountant I.....	N	5 300
4. C. Roland Alderson, 0204, Accountant II.....	N	8 460
5. Charles O. Parvin, 0208, Accountant II.....	N	8 200
6. ———, Accountant II.....	N	6 500
7. Sidney M. Stafford, 0202, Accountant III.....	N	9 500
8. David W. Bonham, 7485, Assistant to Auditor.....	N	10 500
9. Henry T. Kink, 0201, Assistant Auditor.....	N	10 600
10. Margaret M. Bradbury, 0210, Clerk-Stenographer III.....	N	3 840
<i>Total, Auditing Division.....</i>		<i>\$73 700</i>

INDIRECT COSTS — AUDITING DIVISION

Account Number 40-10-09-000

1. Alfred Rappaport, 0209, Accountant I.....	N50	\$ 3 000
2. Robert C. Olson, 0203, Accountant II.....	N	8 600
<i>Total, Indirect Costs — Auditing Division.....</i>		<i>\$11 600</i>

Bursar's Division

Account Number 00-10-10-000

1. Robert E. Gentry, 7919, Assistant Bursar.....	N	\$10 600
2. William M. Griffith, 7920, Assistant Bursar.....	N	11 300
3. R. W. Zimmer, 0238, Assistant Bursar.....	N	11 200
4. Ronald F. Morrill, 0247, Cashier II.....	N	4 800
5. Emily J. Sawyer, 7867, Cashier II.....	ZN	.....
(Paid from Residence Halls)		
6. Dale T. Boyer, 0245, Cashier III.....	N	7 020

7. Paul J. Foil, 0246, Cashier III.....	N	7 290
8. Helen J. Polk, 8633, Accounting Clerk I.....	N	4 050
9. Mary I. Crowley, 0254, Payroll Clerk I.....	N	3 360
10. Virginia L. Elder, 0252, Payroll Clerk I.....	N	2 790
11. Sandra P. Jenkins, 8765, Payroll Clerk I.....	N	2 400
12. Betty A. Cekander, 0250, Payroll Clerk II.....	N	4 080
13. Edith B. Reimann, 6346, Payroll Clerk II.....	N	4 080
14. J. R. Carlson, 0249, Payroll Clerk III.....	N	6 450
15. Margaret C. Mehr, 0251, Payroll Clerk III.....	N	5 940
16. Hortense S. Johnson, 0248, Chief Payroll Clerk.....	N	7 500
17. Nancy L. Casebeer, 8288, Typing Clerk II.....	N	2 700
18. Marlene A. Chandler, 0266, Typing Clerk II.....	N	3 270
19. Karen K. Duncan, 7037, Typing Clerk II.....	ZN	.....
(Paid from Residence Halls)		
20. Carlene S. Wright, 7247, Typing Clerk II.....	N	2 970
21. Joyce A. Reynolds, 8679, Clerk-Stenographer I.....	N	2 880
22. Sandra C. Lewis, 0267, Clerk-Stenographer II.....	N	3 630
23. Judith J. Vernau, 8269, Clerk-Typist I.....	N	2 400
24. Judith D. Guynn, 0270, Clerk-Typist II.....	N	2 400
25. Alwynne G. Paulson, 0261, Secretary — Stenographic.....	N	5 100
26. R. F. Wood, 0240, Supervisor of Credit Collections.....	N	8 880
Total, Bursar's Division.....		\$127 090

INDIRECT COSTS — BURSAR'S DIVISION

Account Number 40-10-10-000

1. Donald C. Padgett, 5956, Accountant I.....	N	\$ 5 820
2. John K. Stanley, 6979, Accountant I.....	N	5 490
3. S. Edward Read, 0242, Accountant II.....	N	8 760
4. Benny M. Chaney, 6128, Clerk II.....	N50	1 290
5. Martha M. Warnes, 8078, Clerk III.....	N	3 600
6. George W. Burroughs, 8634, Accounting Clerk I.....	N	3 600
7. Lucille Ekiss, 5782, Accounting Clerk II.....	N	4 560
8. Helen P. Hites, 7150, Accounting Clerk II.....	N	3 990
9. Anna L. Yao, 7345, Accounting Clerk II.....	N	3 900
10. Rene I. Hudson, 7036, Typing Clerk II.....	ZN33	980
(Total Salary)		(2 940)
11. Barbara K. Kelly, 0265, Clerk-Stenographer III.....	N	3 900
12. Beverly A. Brown, 0271, Clerk-Typist II.....	N	2 970
Total, Indirect Costs — Bursar's Division.....		\$48 860

LOAN OPERATING EXPENSE

Account Number 70-10-10-910

1. Genese C. Hylland, 6570, Clerk II.....	N	\$ 2 700
2. Sharon L. Kilpatrick, 7622, Accounting Clerk I.....	N50	1 560
3. Marlene A. Eads, 0268, Clerk-Typist I.....	N	2 550
4. Carol A. Hall, 0269, Clerk-Typist III.....	N	3 600
Total, Loan Operating Expense.....		\$10 410

Purchasing Division

Account Number 00-10-11-000

1. Molly M. Shoaf, 5526, Purchasing Assistant I.....	N	\$ 4 860
2. Wendell E. Crawford, 0282, Purchasing Assistant II.....	ZN80	6 410
(Total Salary)		(8 000)
3. R. F. Hott, 0278, Purchasing Assistant II.....	ZN40	3 560
(Total Salary)		(8 900)
4. Richard A. Martin, 0281, Purchasing Assistant II.....	N	6 930
5. Max M. Matthews, 0276, Purchasing Assistant II.....	ZN75	5 920
(Total Salary)		(7 900)
6. _____, Purchasing Assistant II.....	N	7 500
7. John W. Gomperts, 0277, Purchasing Assistant III.....	N	9 000
8. Glenn E. Musgrave, 1807, Assistant to Military Property Custodian	N	7 560
9. Edith R. Carr, 0288, Clerk III.....	N	4 170

10. Pearl L. McCollough, 0297, Clerk III.....	N	3 960
11. William E. Wells, 1809, Chief Clerk.....	N	6 100
12. Velda J. Evans, 0294, Typing Clerk II.....	N	2 700
13. Helen M. Bailey, 0302, Clerk-Typist II.....	N	2 640
14. Kay F. Butler, 0301, Clerk-Typist II.....	N	2 700
15. Helen C. Goings, 8303, Clerk-Typist II.....	ZN	.....
(Paid from Bond Property Operation)		
16. Marian E. Langhoff, 0289, Clerk-Typist II.....	N	2 700
17. Merrian E. Lourash, 0293, Clerk-Typist II.....	N	3 240
18. Clara M. Meskimen, 0299, Clerk-Typist II.....	N	2 700
19. ———, Clerk-Typist II.....	N	3 000
20. Marilena M. Stone, 0292, Clerk-Typist III.....	N	3 480
21. Barbara J. Williamson, 0296, Clerk-Typist III.....	N	3 480
22. George W. Kiningham, 0274, Assistant Director of Purchases.....	N	10 200
23. Paul B. Bruns, 0305, Routeman Helper.....	N	5 208
24. Paul O. Murrah, 0304, Routeman Helper.....	N	5 208
25. W. H. Whetstone, 0275, Traffic Manager.....	N	9 000
26. Bernice E. Bothwell, 0284, Secretary — Stenographic.....	N	5 100
27. Irvin Nussmeyer, 1815, Storekeeper I.....	N	4 120
28. Derald D. Meier, 7510, Storekeeper II.....	N	4 680
29. Reuben C. Deedrick, 1814, Storekeeper III.....	N	5 565
30. Charles L. Hoch, 0303, Supervisor of Central Receiving Station.....	N	7 400
<i>Total, Purchasing Division.....</i>		<u>\$149 091</u>

STORES — GENERAL CHEMICAL STORES OVERHEAD

Account Number 08-10-11-933

1. Wendell E. Crawford, 0282, Purchasing Assistant II....	ZN20	\$ 1 590
2. Gerry N. Specht, 8377, Clerk-Typist II.....	N	2 580
3. Lella R. Lancaster, 5053, Clerk-Typist III.....	N	4 110
4. Willis S. Lemmon, 0314, Storekeeper III.....	N	5 580
5. Charles F. Martin, 0313, Storekeeper III.....	N	5 550
6. Donald R. Murphy, 0316, Storekeeper III.....	N	5 550
7. John C. Schumacher, 0315, Storekeeper III.....	N	5 565
8. L. E. Bailey, 0312, Stores Supervisor.....	N	8 460
<i>Total, Stores — General Chemical Stores Overhead.....</i>		<u>\$38 985</u>

STORES — OFFICE SUPPLY STORE OVERHEAD

Account Number 08-10-11-963

1. Max M. Matthews, 0276, Purchasing Assistant II.....	ZN25	\$ 1 980
2. Beatrice C. Sargent, 0311, Clerk II.....	N	3 060
3. Linda S. Walsh, 7349, Clerk-Typist I.....	N	2 400
4. Raymond J. Kunza, 0306, Driver.....	P	6 171
5. Robert C. Hicks, 7763, Routeman.....	P	6 171
6. James E. Creek, 0310, Storekeeper II.....	N	4 860
7. Robert E. Hagen, 5153, Storekeeper II.....	N	4 980
8. Robert E. Soloman, 0309, Storekeeper III.....	N	5 580
9. L. W. Williamson, 0308, Stores Supervisor.....	N	8 500
10. Ralph R. Squire, 5527, Assistant Supervisor of Central Receiving Station.....	N	5 520
<i>Total, Stores — Office Supply Store Overhead.....</i>		<u>\$49 222</u>

AIR FORCE UNIFORM COMMUTATION REVOLVING

Account Number 12-10-11-007

1. Robert F. Allen, 8494, Storekeeper I.....	N	\$ 4 120
<i>Total, Air Force Uniform Commutation Revolving.....</i>		<u>\$ 4 120</u>

INDIRECT COSTS — PURCHASING DIVISION

Account Number 40-10-11-000

1. Raymond G. Drollinger, 7866, Purchasing Assistant I....	N	\$ 5 040
2. Carl J. Meskimen, 5209, Purchasing Assistant I.....	N	4 860
3. Donald F. Gillogly, 0279, Purchasing Assistant II.....	N	8 000
4. ———, Purchasing Assistant II.....	N	7 500

5. Patricia K. Allen, 1597, Clerk-Typist II.....	N	2 580
6. Gayanne Gates, 7889, Clerk-Typist II.....	N	3 210
7. Marcia K. Lecher, 0295, Clerk-Typist II.....	N	3 090
8. Dorothy A. Link, 8276, Clerk-Typist II.....	N	2 850
9. Peggy L. Matsler, 0285, Clerk-Typist II.....	N	3 330
10. Florence Mulvihill, 0298, Clerk-Typist II.....	N	2 970
11. Wendell G. Viles, 6935, Routeman Helper.....	N	5 208
<i>Total, Indirect Costs — Purchasing Division.....</i>		<u>\$48 638</u>

Admissions and Records

Account Number 00-10-13-000

1. Dorothy D. Crane, 7187, Credentials Analyst.....	N	\$ 4 110
2. Mary I. Dean, 0342, Credentials Analyst.....	N	3 990
3. Helen E. Hess, 7366, Credentials Analyst.....	N	4 270
4. Marianne Mosey, 0362, Credentials Analyst.....	N	4 020
5. Ruby F. Murphy, 0334, Credentials Analyst.....	N	3 900
6. Charles V. Ellington, 7832, Procedures and Systems Analyst.....	N	9 900
7. Barbara J. Hunt, 0339, Clerk I.....	N	2 520
8. Margaret M. Oiler, 8693, Clerk I.....	N	2 520
9. Virginia L. Butch, 0330, Clerk II.....	N	2 910
10. Eleanor R. Dunn, 0345, Clerk II.....	N	2 850
11. Lois J. Lube, 0352, Clerk II.....	N	2 730
12. Elizabeth A. Moore, 0337, Clerk II.....	N	2 520
13. Juanita M. Orr, 7830, Clerk II.....	N	2 730
14. Mary L. Switzer, 0340, Clerk II.....	N	3 390
15. Gwen A. Cloyd, 0332, Clerk III.....	N	4 110
16. Katherine R. Crowley, 0329, Clerk III.....	N	4 080
17. Lucille I. Felgenhour, 0328, Clerk III.....	N	3 780
18. Frances E. Fowler, 7185, Clerk III.....	N	3 420
19. Grace Jackson, 0336, Clerk III.....	N	3 540
20. Hazel W. Kent, 8708, Clerk III.....	N	3 420
21. Marlene A. Larson, 0344, Clerk III.....	N	3 570
22. ———, 6969, Clerk III.....	N	3 300
23. ———, Clerk III.....	N	3 300
24. ———, Clerk III.....	N	3 300
25. ———, Clerk III.....	N	3 300
26. ———, Clerk III.....	N	3 400
27. Judy D. Allen, 5348, Typing Clerk II.....	N	2 640
28. Ruth H. Bennett, 0360, Typing Clerk II.....	N	2 760
29. Wanda J. Jamison, 0359, Typing Clerk II.....	N	2 640
30. Rosalie M. Mandy, 8705, Typing Clerk II.....	N	3 120
31. Sharon L. Lower, 8703, Typing Clerk II.....	N	2 520
32. Rosella R. Funk, 7161, Typing Clerk III.....	N	3 450
33. Carol J. Harris, 8407, Typing Clerk III.....	N	3 630
34. Viola M. Neary, 0351, Typing Clerk III.....	N	3 420
35. Sheila H. Smith, 7168, Typing Clerk III.....	N	3 450
36. Darlene T. White, 0349, Typing Clerk III.....	N	3 450
37. ———, 7172, Typing Clerk III.....	N	3 300
38. ———, 8705, Typing Clerk III.....	N	3 400
39. Linda M. Schluter, 7300, Clerk-Stenographer I.....	N	2 700
40. Beverly A. Bailey, Clerk-Stenographer II.....	N	3 270
41. Doris A. Crum, 7163, Clerk-Stenographer II.....	N	3 030
42. Willeta M. Donaldson, 0338, Clerk-Stenographer II.....	N	3 240
43. Carol K. Franzen, 7838, Clerk-Stenographer II.....	N	3 030
44. Rita J. Gossett, 0331, Clerk-Stenographer II.....	N	3 030
45. Dianne P. Loschky, 0353, Clerk-Stenographer II.....	N	3 300
46. Arlene L. Tuttle, 6420, Clerk-Stenographer II.....	N	3 000
47. Naomi E. Wisdom, 0335, Clerk-Stenographer II.....	N	3 000
48. Audrey L. Lamb, 0358, Clerk-Stenographer III.....	ZN25	945
(Total Salary).....		(3 780)
49. Theresa M. Vanthynne, 7833, Clerk-Stenographer III.....	N	3 600

50. _____, Clerk-Stenographer III.....	N	3 600
51. Mary A. Cheffer, 7173, Clerk-Typist I.....	N	2 520
52. Sandra L. Eskridge, 0416, Clerk-Typist I.....	N	2 400
53. Deanna F. Wienke, 0355, Clerk-Typist I.....	N	2 580
54. Mary L. Anderson, 0356, Clerk-Typist II.....	N	2 670
55. Joy M. Foskett, 7893, Clerk-Typist II.....	N	2 400
56. Delores Grice, 0415, Clerk-Typist II.....	N	2 700
57. Doreothe A. Hanson, 0346, Clerk-Typist II.....	N	2 640
58. Avis L. Howerter, 7199, Clerk-Typist II.....	N	2 520
59. Ruby McCall, 0354, Clerk-Typist II.....	N	2 520
60. Lorraine T. Anderson, 8230, Clerk-Typist III.....	N	3 420
61. Sharon B. Foust, 6510, Clerk-Typist III.....	N	3 540
62. Mary W. Hopkins, 6956, Clerk-Typist III.....	N	3 840
63. Julie M. Johnson, 7204, Clerk-Typist III.....	N	3 810
64. Beverly J. Pedersen, 0357, Clerk-Typist III.....	N	3 540
65. Rita R. Rund, 0333, Clerk-Typist III.....	N	3 750
66. Carol A. Snyder, 0347, Clerk-Typist III.....	N	3 450
67. George R. Dinsmore, 0320, Examiner.....	N	9 100
68. Paul M. Garman, 7416, Examiner.....	N	7 600
69. Harriet E. Hamm, 0317, Examiner.....	N	9 100
70. James R. Payne, 6832, Examiner.....	N	7 720
71. Edward J. Smith, 0319, Examiner.....	ZN50	4 500
(Total Salary).....		(9 000)
72. Robert H. Ewalt, 7936, Assistant Examiner.....	N50	2 860
73. Edward T. Graening, 8273, Assistant Examiner.....	N	6 000
74. _____, 7936, Assistant Examiner.....	N25	1 330
75. Dorothy Clark, 0322, Recorder.....	N	9 100
76. M. Priscilla Howe, 0321, Recorder.....	N	9 100
77. O. Dwayne Denhart, 8756, Assistant Recorder.....	N	5 760
78. Rosene A. Hawthorne, 0324, Assistant Recorder.....	N	6 750
79. Myra C. Rucker, 0326, Assistant Recorder.....	N	6 500
80. May R. Sanders, 0325, Assistant Recorder.....	N	6 500
81. Vivian Wood, 7823, Assistant Recorder.....	N	5 320
82. Ruth A. Isaacs, 0327, Secretary — Stenographic.....	N	4 770
83. Ruth M. Taylor, 0365, Secretary — Transcribing.....	ZN50	2 415
(Total Salary).....		(4 830)
84. Elizabeth L. Bailie, 6973, Administrative Secretary — Stenographic.....	N	8 160
Total, Admissions and Records.....		\$329 290

Accountancy Committee Revolving

Account Number 12-10-13-001

1. Margaret Richardson, 8683, Clerk III.....	N	\$ 3 420
2. Audrey L. Lamb, 0358, Clerk-Stenographer III.....	ZN75	2 835
3. Edward J. Smith, 0319, Examiner.....	ZN50	4 500
Total, Accountancy Committee Revolving.....		\$10 755

Indirect Costs — Admissions and Records

Account Number 40-10-13-000

1. Marjory Goodall, 6009, Clerk-Stenographer II.....	N	\$ 3 090
Total, Indirect Costs — Admissions and Records.....		\$ 3 090

Legal Counsel

Account Number 00-10-15-000

1. Eileen M. Chapman, 5206, Clerk-Stenographer III.....	N	\$ 4 200
2. Warren H. Glockner, 5098, Assistant Legal Counsel.....	N	7 800
3. James E. Harmon, 7246, Assistant Legal Counsel.....	N	10 950
4. Earl L. Palmberg, 0403, Assistant Legal Counsel.....	N	11 850
5. John J. Templin, 5195, Assistant Legal Counsel.....	N	10 830
6. Mary N. Fickel, 0404, Secretary — Stenographic.....	N	6 660
7. Adeline M. Wilson, 0405, Secretary — Stenographic.....	N	4 800
Total, Legal Counsel.....		\$57 090

Nonacademic Personnel

Central Office

Account Number 00-10-16-000

1. Anabel C. Gilroy, 8568, Secretary — Stenographic.....	N	\$ 7 020
<i>Total, Central Office.....</i>		<i>\$ 7 020</i>

Urbana Office

Account Number 00-10-17-000

1. Beryl L. Freund, Personnel Assistant I.....	N	\$ 3 000
2. Carolyn L. Spillman, 6664, Personnel Assistant II.....	N	3 720
3. Grace M. Gifford, 0370, Administrative Clerk.....	N	7 980
4. Doris K. Wylie, 0382, Chief Clerk.....	N	4 980
5. Linda L. Swanik, 0372, Clerk-Stenographer III.....	N	3 900
6. Patricia J. Fifer, 0381, Clerk-Typist II.....	N	2 820
7. Sharon J. Mitchell, 0383, Clerk-Typist II.....	N50	1 320
8. Judith A. Primmer, 0378, Clerk-Typist III.....	N	3 840
9. Virginia L. Stahl, 0384, Clerk-Typist III.....	N	3 900
10. Ruth E. Harris, 0366, Assistant Director of Nonacademic Personnel.....	N	11 580
11. Irene K. Dorsey, 0375, Visiting Nurse.....	N	5 400
12. Clifford R. Dammers, 8378, Labor Relations Officer.....	N	12 300
13. Donald R. Volm, 7914, Personnel Officer I.....	N	6 900
14. William J. Hylbert, 0374, Placement Officer.....	N	8 000
15. Donald W. Swift, 0369, Placement Officer.....	N	8 000
<i>Total, Urbana Office.....</i>		<i>\$87 640</i>

Stenographic Service

Account Number 09-10-17-978

1. Rosetta McDaniel, 0396, Clerk II.....	N	\$ 3 180
2. Donna F. Stewart, 7484, Clerk II.....	N	2 880
3. ———, 0389, Clerk II.....	N	3 000
4. Irene S. Lofton, 0397, Typing Clerk III.....	N	4 200
5. Phyllis D. Millsap, 7347, Clerk-Typist II.....	N	2 580
6. ———, 0394, Clerk-Typist II.....	N50	1 440
7. ———, 7373, Clerk-Typist II.....	N	2 520
8. Lois M. Brown, 0400, Clerk-Typist III.....	N	3 690
9. Harriett E. Hines, 0390, Duplicating Machine Operator II.....	N	3 360
10. Barbara J. Lowry, 0392, Duplicating Machine Operator II.....	N	3 000
11. Robert G. Conklin, 8238, Duplicating Machine Operator III.....	N	4 650
12. Kenneth B. Cooley, 6475, Duplicating Machine Operator III.....	N	5 580
13. Allan E. Trinkle, 0388, Duplicating Machine Operator III.....	N	5 580
14. Mildred E. Goff, 0387, Duplicating Service Supervisor.....	N	6 000
15. Marilyn F. Cohen, 0398, Vari-Typist II.....	N	3 300
<i>Total, Stenographic Service.....</i>		<i>\$54 960</i>

Indirect Costs — Nonacademic Personnel

Account Number 40-10-17-000

1. Gwendolyn R. White, 0379, Clerk-Typist II.....	N	\$ 2 880
2. Bernard J. Williams, 6317, Personnel Officer I.....	N	7 800
3. Robert R. Tucker, 8406, Placement Officer.....	N	5 700
<i>Total, Indirect Cost — Nonacademic Personnel.....</i>		<i>\$16 380</i>

Public Information

Account Number 00-10-18-000

1. Diana G. Mitchell, 1749, Clerk-Typist II.....	N	\$ 3 120
2. Judith A. Torbeck, 7195, Clerk-Typist II.....	N	3 480
3. Richard A. Van de Ven, 7171, Assistant Director of Public Information.....	N	7 200
4. A. R. Wildhagen, 1745, Assistant Director of Public Information.....	N	9 800
5. Helen H. Ogata, 1748, Secretary — Stenographic.....	N	6 100

6. Nancy Cubbage, 8137, Editorial Writer.....	N	4 600
7. Ruth E. Weinard, 1750, Editorial Writer.....	N	5 010
<i>Total, Public Information.....</i>		<i>\$39 310</i>

Blueprinting and Photography Service

Account Number 09-10-18-906

1. Glenna D. Walden, 8678, Clerk I.....	H50	\$ 1 300
2. ———, 1741, Clerk II.....	N	3 300
3. ———, 8353, Typing Clerk I.....	N	2 400
4. Sharon Sconce, 1742, Clerk-Typist I.....	N	2 880
5. James L. Tarr, 1734, Manager of Photographic Laboratory.....	N	9 100
6. Robert V. Campbell, 1736, Assistant Manager of Photographic Laboratory.....	N	6 660
7. Charles S. Lane, 1740, Assistant Manager of Photographic Laboratory.....	N	6 150
8. Ben R. Jeffords, 7461, Photographer I.....	N	4 080
9. Olive E. Mason, 1737, Photographer I.....	N	4 020
10. Charles A. Carrington, 1735, Photographer II.....	N	5 490
11. Vernon D. Turpin, 1738, Photographer II.....	N	5 040
12. ———, 7340, Photographer II.....	N	4 200
13. ———, 1743, Photographic Technician I.....	N	2 220
14. Marjorie F. Burgess, 7759, Photographic Technician II.....	N	3 360
15. Billy L. Prather, 7167, Photographic Technician II.....	N	3 690
16. ———, 8474, Photographic Technician II.....	N	3 420
<i>Total, Blueprinting and Photography Service.....</i>		<i>\$67 310</i>

Dean of Students**General**

Account Number 00-10-20-000

1. Juanita L. Harrison, 6096, Personnel Assistant I.....	N	\$ 3 300
2. Cherie D. Lenz, 0411, Chief Clerk.....	N	4 800
3. Twila C. Jarrett, 0407, Clerk-Stenographer II.....	N	3 600
4. Roma J. Dissman, 0409, Clerk-Stenographer III.....	N	3 780
5. Donna J. Mikitka, 6110, Clerk-Stenographer III.....	N	3 750
6. ———, Clerk-Typist II.....	N	2 400
7. India Mathis, 0410, Placement Officer.....	N	7 000
8. ———, 0408, Secretary — Stenographic.....	N	4 500
9. Hazel A. Yates, 0406, Administrative Secretary — Stenographic.....	N	8 500
<i>Total, Dean of Students — General.....</i>		<i>\$41 630</i>

Dean of Men

Account Number 00-10-21-000

1. Evelyn J. Schluter, 0412, Clerk-Stenographer I.....	N	\$ 3 000
2. ———, Clerk-Stenographer II.....	N	3 000
3. Barbara J. Curry, 7157, Clerk-Stenographer III.....	N	3 600
4. Martha F. Pfeiffer, 7967, Clerk-Stenographer III.....	N	3 900
<i>Total, Dean of Men.....</i>		<i>\$13 500</i>

Dean of Women

Account Number 00-10-22-000

1. Lillian E. Osborne, 2864, Residence Halls Clerk.....	G	\$ 1 890
(Nine months)		
2. Carolyn S. Diveley, 6957, Clerk-Stenographer II.....	N	3 000
3. L. Josephine Kirk, 7891, Clerk-Stenographer II.....	N	3 420
4. ———, Clerk-Stenographer II.....	N	3 000
5. Evelyn M. Buckley, 0423, Clerk-Stenographer III.....	N	4 020
6. Carolyn M. Ohl, 0424, Clerk-Stenographer III.....	N	3 870
7. Nancy A. Reedy, 0422, Clerk-Stenographer III.....	N	4 500
8. Sally K. Gamboa, 0421, Secretary — Stenographic.....	N	5 160
<i>Total, Dean of Women.....</i>		<i>\$28 860</i>

Housing Division**Account Number 00-10-24-000**

1. Ruth C. Heicke, 0478, Housing Administrator I.....	N	\$ 4 200
2. Robert C. Ross, Jr., 0479, Housing Administrator I.....	N	4 500
3. _____, Housing Administrator I.....	N	4 200
4. Clara D. Fay, 0474, Housing Administrator II.....	N	8 000
5. Albert Kaufman, Jr., 0473, Housing Administrator III....	N	7 200
6. Jean M. Quanbeck, 0481, Clerk-Stenographer III.....	N	3 600
7. Edith A. Campbell, 0480, Clerk-Typist II.....	N	3 360
<i>Total, Housing Division.....</i>		<u>\$35 060</u>

Coordinating Placement Office**Account Number 00-10-26-000**

1. _____, 6602, Typing Clerk III.....	N	\$ 3 900
2. Syble E. Henderson, 0482, Placement Officer.....	N	6 930
<i>Total, Coordinating Placement Office.....</i>		<u>\$10 830</u>

Security Office**Account Number 00-10-28-000**

1. Darlene C. Blair, 0490, Clerk II.....	N	\$ 2 910
2. Rosemary J. Renfrew, 7540, Typing Clerk II.....	N	2 760
3. Bertha J. Sunderman, 6679, Typing Clerk III.....	N	3 600
4. Frances W. Hoffman, 0488, Clerk-Stenographer II.....	N	3 660
5. Muriel S. Libby, 0487, Secretary -- Stenographic.....	N	5 610
6. Paul D. Walker, 7079, Supervisor of Motor Vehicle Division.....	N	6 930
7. Russell W. Mecker, 8524, Assistant Supervisor of Motor Vehicle Division.....	N	4 710
8. Joseph E. Blaze, 0484, Supervisor of Security and Traffic. (Total Salary).....	ZN50	5 580 (11 160)
<i>Total, Security Office.....</i>		<u>\$35 760</u>

Health Service**Account Number 00-10-30-000**

1. Roy W. Dart, 7132, Assistant to Director of Health Service.....	N	\$ 6 600
2. David C. Gunn, 8485, Clerk II.....	N	3 240
3. Martha W. Manning, 8367, Clerk III.....	N	4 000
4. Nancy P. Hensel, 0434, Chief Clerk.....	N	4 500
5. Annette B. Coorts, 5511, Typing Clerk II.....	N	2 910
6. Judith A. Corray, 4978, Typing Clerk II.....	N	2 910
7. Mary A. Stoutin, 5253, Typing Clerk II.....	N	2 760
8. Mary S. Wedegaertner, 6580, Typing Clerk III.....	N	3 420
9. Anne H. Young, 6418, Typing Clerk III.....	N	3 420
10. Judith A. Waddell, 0433, Clerk-Stenographer III.....	N	3 720
11. Frances E. Davidson, 0432, Clerk-Typist II.....	N	2 760
12. Betty M. Ellis, 5458, Clerk-Typist II.....	N	3 510
13. Kathryn J. Hicks, 0429, Clerk-Typist II.....	N	3 210
14. Joyce J. Strait, 5575, Clerk-Typist II.....	N	3 000
15. _____, 0430, Clerk-Typist II.....	N	3 540
16. _____, 5574, Clerk-Typist III.....	N	4 200
17. Martha A. Boose, 6667, Health Service Nurse.....	N	4 020
18. Anne Brust, 8686, Health Service Nurse.....	N	3 840
19. Ann R. Reynolds, 7610, Health Service Nurse.....	N	4 080
20. Marilyn S. Weatherly, 0439, Health Service Nurse.....	N	3 840
21. Marjorie H. Perkins, 0437, Assistant Head Health Service Nurse.....	N	4 950
22. Helen A. Freeman, 0436, Supervising Nurse.....	N	5 700
23. Vannie L. Sheiry, 0426, Secretary -- Stenographic.....	N	6 090
24. Beatrice M. Wright, 0431, Secretary -- Transcribing.....	N	5 100

25. Wilda Herndon, 5497, Clinical Laboratory Technician....	N	4 350
26. W. T. Coggeshall, 0441, Laboratory and X-Ray Technician	N	6 150
<i>Total, Health Service.....</i>		<i>\$105 820</i>

Auxiliary — McKinley Hospital

Account Number 18-10-31-720

1. John W. Rice, 8279, Hospital Administrator.....	N	\$ 8 500
2. Mary E. Cruzan, 8537, Nurses' Aide.....	N40	1 176
3. Agnes B. Durham, 7551, Nurses' Aide.....	N	3 240
4. Paula E. Gebhardt, 8038, Nurses' Aide.....	N	2 520
5. Mae N. Graham, 7329, Nurses' Aide.....	N	3 240
6. Lee L. Meyer, 8541, Nurses' Aide.....	N	2 520
7. Rita M. Rice, 8490, Nurses' Aide.....	N	2 760
8. ———, 6424, Nurses' Aide.....	N	2 400
9. ———, 8510, Nurses' Aide.....	N	2 520
10. Joy D. Jamison, 7318, Clerk I.....	N	2 790
11. Jennifer E. Moberley, 8561, Clerk I.....	N75	1 890
12. ———, 8538, Typing Clerk I.....	N50	1 200
13. ———, 7325, Clerk-Typist I.....	N75	1 800
14. Becca S. Parks, 6749, Clerk-Typist III.....	N	3 540
15. Alice Armstrong, 0465, Second Cook.....	N	3 510
(Perquisites University — two meals)		
16. Eleanor G. Jackson, 0464, Second Cook.....	N	3 330
(Perquisites University — two meals)		
17. Ruth M. Siewert, 0463, Second Cook.....	N	3 720
(Perquisites University — two meals)		
18. Mildred K. Smock, 0466, Second Cook.....	N	3 180
(Perquisites University — two meals)		
19. Mary P. Wemhaner, 0443, Dietitian.....	N	5 160
20. Margaret A. Craig, 8667, Assistant Dietitian.....	N	4 200
21. Mary Ellen Breen, 0469, Kitchen Helper.....	N	3 210
(Perquisites University — two meals)		
22. Bertie Sitts, 0467, Kitchen Helper.....	N	2 640
(Perquisites University — two meals)		
23. Zora Swearingen, 0472, Kitchen Helper.....	N	3 030
(Perquisites University — two meals)		
24. Mary A. Warmbier, 0470, Kitchen Helper.....	N	3 000
(Perquisites University — two meals)		
25. ———, 0468, Kitchen Helper.....	N50	1 320
26. Robert Hopkins, 3047, Janitor.....	P	4 750
27. Jack D. Ludwig, Janitor.....	P	4 750
28. Paul N. Nornholm, 3046, Janitor.....	P	4 855
29. Eugene Kennedy, 7437, Kitchen Laborer.....	N	3 300
30. Charlotte Bossi, 8150, Medical Record Librarian.....	N	4 800
31. Mabel Carlisle, 7215, Maid.....	P	3 330
32. Cecil E. Swinehart, 0442, Business Manager of McKinley Hospital.....	N	7 200
33. Alma C. Hoag, 0445, Head Nurse.....	N	5 580
34. Eva Lavenhagen, 0448, Assistant Head Nurse.....	N	5 400
35. ———, 0477, Assistant Head Nurse.....	N	4 770
36. ———, 0461, Assistant Head Nurse.....	N	4 470
37. ———, 0446, Assistant Head Nurse.....	N	4 770
38. ———, 7801, Licensed Practical Nurse.....	N	2 700
39. Maryl A. Bednar, 5492, Staff Nurse.....	N40	1 680
40. Elizabeth Bradbury, 0449, Staff Nurse.....	N50	2 100
41. Doris J. Heiser, 5492, Staff Nurse.....	N40	1 632
42. Anne F. Jenco, 0450, Staff Nurse.....	N	4 500
43. Georgia M. Kitzmiller, 0455, Staff Nurse.....	N	4 440
44. Alberta Kodras, 0449, Staff Nurse.....	N40	1 680
45. Carol I. Phillippe, 0454, Staff Nurse.....	N	3 960
46. Grace E. Saunders, 0451, Staff Nurse.....	N	4 080
47. Frieda S. M. Stute, 0458, Staff Nurse.....	N	4 764

48. Barbara M. Winans, 0456, Staff Nurse.....	N	4 500
49. Elva U. Yoshihara, 0460, Staff Nurse.....	N40	1 680
50. ———, 0453, Staff Nurse.....	N80	3 072
51. ———, 5354, Staff Nurse.....	N60	2 304
52. ———, 5386, Staff Nurse.....	N40	1 632
53. ———, 0459, Staff Nurse.....	N	4 320
54. Oleda Smith, 0444, Supervising Nurse.....	N	6 360
55. Virginia Starwalt, 8239, Admitting Officer.....	N	4 080
56. C. Rose Barlow, 7932, Central Sterile Supply Technician	N	3 480
57. Diana L. Gapp, 8692, Medical X-ray Technician I.....	H	4 176
58. Rudolph A. Champa, 7992, Medical X-ray Technician II..	N	5 160
59. Helen S. Levine, 6011, Supervising Clinical Laboratory Technician	N	5 580
60. Dorothy Batterton, 8193, Medical Technologist I.....	N50	2 160
61. ———, 7968, Staff Physical Therapist.....	N	4 020
<i>Total, Auxiliary — McKinley Hospital.....</i>		<i>\$218 431</i>

Provost's Office**Student Counseling Service**

Account Number 00-10-34-000

1. Mary Alice Black, 0164, Personnel Assistant I.....	N	\$ 2 820
2. Dorothy K. Frerichs, 8302, Personnel Assistant I.....	N50	1 500
3. Beverly K. Harvey, 0163, Personnel Assistant I.....	N	2 760
4. Lois E. Mattes, 6811, Personnel Assistant I.....	N	3 300
5. Dorothy A. McLendon, 8302, Personnel Assistant I.....	N50	1 560
6. Margrith G. Mistry, 0168, Personnel Assistant I.....	N50	1 560
7. ———, 0168, Personnel Assistant I.....	N50	1 470
8. ———, 0167, Personnel Assistant I.....	N	2 760
9. ———, 7245, Personnel Assistant I.....	N50	1 500
10. Patricia C. Peters, 0166, Personnel Assistant II.....	N	4 350
11. ———, 7894, Clerk-Typist II.....	N	3 000
12. Lester M. Friend, 0162, Secretary — Stenographic.....	N	6 060
<i>Total, Student Counseling Service.....</i>		<i>\$32 640</i>

Office of Instructional Research

Account Number 00-10-39-000

1. ———, Clerk-Stenographer III.....	N	\$ 3 600
<i>Total, Office of Instructional Research.....</i>		<i>\$ 3 600</i>

Bureau of Institutional Research

Account Number 00-10-40-000

1. John H. Fung, 0155, Accountant — Statistician.....	N	\$ 7 620
2. Shirley A. Poindexter, 5545, Statistical Clerk.....	N	4 140
3. Sharon J. Parola, 0157, Typing Clerk II.....	N	3 180
4. Barbara L. Stephenson, 8079, Typing Clerk II.....	N	2 880
5. Rosemary J. Clarke, 0158, Clerk-Stenographer III.....	N	3 840
6. ———, Clerk-Typist II.....	N	2 640
7. Mary E. DeLorme, 0160, Clerk-Typist III.....	N	3 480
<i>Total, Bureau of Institutional Research.....</i>		<i>\$27 780</i>

Statistical Service Unit

Account Number 00-10-41-000

1. John C. Mahaffey, 6745, Accountant III.....	N	\$ 8 600
2. Donald C. Furtkamp, 8645, Procedures and Systems Analyst	N	7 800
3. Charles R. Thomas, 8178, Procedures and Systems Analyst	N	8 600
4. ———, Inventory Clerk.....	N	3 600
5. Dorothy F. Hamilton, 6509, Clerk-Typist II.....	N	2 760
6. ———, Clerk-Typist II.....	N	2 820
7. Charles M. Oehmke, 0171, Assistant Director of Statistical Service Unit	N	10 300
8. Margo L. Snyder, 0364, Card Punch Operator I.....	N	2 700
9. Gail L. DeFilippis, 0181, Card Punch Operator II.....	N	3 000

10. Mary J. Denhart, 0185, Card Punch Operator II.....	N	3 390
11. Madeline L. Haycox, 7165, Card Punch Operator II.....	N	3 060
12. Regina Martorano, 0188, Card Punch Operator II.....	N	3 000
13. Rosemary M. Shroyer, 0363, Card Punch Operator II....	N	3 150
14. Patricia A. Taylor, 8700, Card Punch Operator II.....	N	3 240
15. Patricia J. Walters, 6044, Card Punch Operator III.....	N	4 350
16. Gay L. Adair, 0187, Tabulating Machine Operator I.....	N	3 300
17. Karen A. Kruze, 0180, Tabulating Machine Operator I....	N	3 300
18. Barbara S. Sowers, 7782, Tabulating Machine Operator I..	N	3 510
19. ———, 0189, Tabulating Machine Operator I.....	N	3 300
20. Billy R. Austin, 7781, Tabulating Machine Operator II....	N	3 900
21. John R. Garlits, 8709, Tabulating Machine Operator II....	N	4 500
22. Clarence E. Haubner, 7310, Tabulating Machine Operator II.....	N	4 230
23. James H. Heath, 8530, Tabulating Machine Operator II..	N	3 900
24. Otto F. Manis, 7780, Tabulating Machine Operator II....	N	4 020
25. Arleen M. Windler, 7271, Tabulating Machine Operator II	N	3 900
26. William E. Evans, 8306, Tabulating Machine Operator III	N	5 220
27. Robert E. Haenny, 0182, Tabulating Machine Operator III	N	5 010
28. Gale M. Johnson, 7310, Tabulating Machine Operator III	N	4 500
29. Robert S. Kosack, 0178, Tabulating Machine Operator III	N	5 220
30. John H. Kroener, 0177, Tabulating Machine Operator III	N	5 520
31. Robert D. Mackey, 0176, Tabulating Machine Operator III	N	4 920
32. Edward G. Snow, 7472, Tabulating Machine Operator III	N	6 300
33. Lois P. Engelman, 7946, Computer Programmer I.....	N	6 200
34. Joyce F. Detert, 0174, Secretary — Stenographic.....	N	4 500
35. Ralph H. Heicke, 0172, Tabulating Machine Supervisor..	N	8 500
36. Mildred L. Dust, 0175, Assistant Tabulating Machine Supervisor.....	N	6 690
37. Raymond J. McCabe, 6824, Assistant Tabulating Machine Supervisor.....	N	6 300
38. Richard G. Waldbillig, 0173, Assistant Tabulating Machine Supervisor.....	N	7 500
<i>Total, Statistical Service Unit.....</i>		<i>\$184 610</i>

TABULATING SERVICE

Account Number 09-10-41-982

1. William C. Becker, 8689, Distribution Clerk I.....	N	\$ 3 510
2. Mary L. Brashear, 0190, Card Punch Operator I.....	N	2 820
3. Linda Mae Jones, 7579, Card Punch Operator I.....	N	2 700
4. Elizabeth A. Tate, 8677, Card Punch Operator I.....	N	2 700
5. Lynda L. Malooly, 8736, Card Punch Operator II.....	N60	1 908
6. Peter W. Radmaker, Tabulating Machine Operator I.....	N	3 600
<i>Total, Tabulating Service.....</i>		<i>\$17 238</i>

INDIRECT COSTS — STATISTICAL SERVICE UNIT

Account Number 40-10-41-000

1. Bud J. Meador, 0191, Assistant Director of Statistical Service Unit	N	\$ 9 000
2. John A. Pustaver, Jr., 8282, Tabulating Machine Operator III.....	N	4 800
3. Carl S. Utley, Jr., 7854, Tabulating Machine Operator III	N	5 190
4. Victor A. Abell, 8637, Computer Programmer I.....	N	5 100
5. George W. Dodson, 5490, Assistant Tabulating Machine Supervisor.....	N	5 220
6. Glenn G. Rosbrook, 7537, Assistant Tabulating Machine Supervisor.....	N	5 520
<i>Total, Indirect Costs — Statistical Service Unit.....</i>		<i>\$34 830</i>

Committee on Student English

Account Number 00-10-42-000

1. ———, 7217, Typing Clerk I.....	N	\$ 2 520
2. Luanne K. Wright, 0492, Clerk-Typist III.....	N	3 600
<i>Total, Committee on Student English.....</i>		<i>\$ 6 120</i>

Central Office on the Use of Space

Account Number 00-10-44-000

1. John Scouffas, 8548, Assistant to Director of Central Office on Use of Space.....	N	\$ 6 000
2. Sandra L. Bradley, 8317, Clerk-Stenographer II.....	N	3 300
3. _____, Clerk-Stenographer II.....	N	3 000
4. Sheila Puklin, 7492, Clerk-Stenographer III.....	N	4 080
5. Dena L. Walters, 7520, Clerk-Stenographer III.....	N	3 720
<i>Total, Central Office on the Use of Space.....</i>		<u>\$20 100</u>

Instructional Television

Account Number 00-10-45-100

1. Jesse W. Barr, 1678, Radio Program Assistant.....	ZN50	\$ 2 400
(Total Salary)		(4 800)
2. Betty Velle, 7859, Clerk-Stenographer II.....	N	3 690
3. Stanton W. Saltzman, 7947, Television Director-Producer	N	7 600
<i>Total, Instructional Television.....</i>		<u>\$13 690</u>

Cooperative Investigation

U.S. OFFICE OF EDUCATION 7-11-107.00

Account Number 46-10-45-364

1. Betty L. McGregor, 8144, Clerk-Typist II.....	ZN55	\$ 2 030
(Total Salary)		(3 690)
<i>Total, U.S. Office of Education 7-11-107.00.....</i>		<u>\$ 2 030</u>

University Honors Programs

Account Number 00-10-48-000

1. Joyce C. Hodges, 8741, Statistical Clerk.....	N	\$ 3 600
2. Susan W. Geoghegan, 7777, Clerk-Stenographer III.....	N	4 200
3. Susan L. Mann, 8295, Clerk-Typist II.....	N	3 600
<i>Total, University Honors Programs.....</i>		<u>\$11 400</u>

Alumni Relations and Records

Account Number 00-10-50-000

1. Lovetta J. Arnold, 1754, Clerk II.....	N	\$ 3 180
2. Kathryn L. Van Cleave, 1761, Clerk II.....	N	3 300
3. _____, 6692, Clerk II.....	N	2 640
4. Barbara Christensen, 1753, Clerk III.....	N	3 660
5. Hazel G. Canfield, 1762, Accounting Clerk I.....	N	3 960
6. Carol A. Nogle, 1759, Typing Clerk II.....	N	2 640
7. Brenda J. Pruett, 1752, Typing Clerk II.....	N	2 640
8. Judith K. Freeman, 1758, Clerk-Stenographer I.....	N	2 700
9. Janet Pyle, 1757, Clerk-Stenographer II.....	N	3 360
10. Frances J. Wilding, 1751, Clerk-Stenographer III.....	N	4 140
11. Louise A. Boucher, 1760, Clerk-Typist II.....	N	2 400
<i>Total, Alumni Relations and Records.....</i>		<u>\$34 620</u>

Alumni Records Conversion

Account Number 00-10-50-004

1. James M. Bowen, 8600, Procedures and Systems Analyst.	N	\$(7 800)
2. Kathryn J. Bavery, 8628, Card Punch Operator I.....	N	(2 700)
3. Nancy M. Guber, 8702, Card Punch Operator I.....	N	(2 700)
4. Elizabeth S. Lambert, 0186, Card Punch Operator I.....	N	(2 700)
5. Marsha A. McKechnie, 8577, Card Punch Operator I.....	N	(2 700)
6. Nancy J. Sanders, 8631, Card Punch Operator I.....	N	(2 700)
7. _____, 0184, Card Punch Operator II.....	N	(2 700)
8. _____, 8632, Card Punch Operator II.....	N	(2 700)
<i>Total, Alumni Records Conversion.....</i>		<u>\$(26 700)</u>

Illini Center

Account Number 00-10-53-000

1. Janet L. Sleasman, 0494, Chief Clerk.....	N	\$ 5 100
2. Linda R. Jones, 0495, Clerk-Stenographer II.....	N	4 260
<i>Total, Illini Center.....</i>		<u>\$ 9 360</u>

Building Program Committee

Account Number 00-10-62-000

1. _____, 0491, Clerk-Typist II.....	N	\$ 2 520
<i>Total, Building Program Committee.....</i>		<i>\$ 2 520</i>

Committee on Robert Allerton Park

Account Number 00-10-67-400

1. Elizabeth A. Roderick, 8772, Clerk-Stenographer II.....	N50	\$ 1 650
<i>Total, Committee on Robert Allerton Park.....</i>		<i>\$ 1 650</i>

Robert Allerton Park

Account Number 44-10-67-401

1. Buckner Carnder, 1766, Park Attendant.....	N	\$ 4 860
2. Enfer E. Evans, 1765, Park Attendant.....	N	4 860
3. Ervin W. Ison, 1768, Park Attendant.....	N	4 860
4. James G. Rogers, 1767, Park Attendant.....	N	4 860
5. Evelyn K. McIntyre, 5231, Clerk I.....	N50	1 650
6. Myrlin F. Buckingham, 1763, Park Foreman.....	N	5 400
(Perquisites University — housing)		
7. Gerald J. Sites, 5955, Maintenance Worker.....	N	5 280
<i>Total, Robert Allerton Park.....</i>		<i>\$31 770</i>

Safety and Accident Compensation

Account Number 00-10-94-000

1. Shirley P. Kelley, 7223, Clerk-Stenographer III.....	N	\$ 4 140
2. John Morris, 7410, Safety Coordinator.....	N	11 000
3. Max N. Pike, 5451, Supervisor of Accident Compensation N		8 000
<i>Total, Safety and Accident Compensation.....</i>		<i>\$23 140</i>

Indirect Costs — Workmen's Compensation

Account Number 40-10-94-001

1. Alfreda G. Mitchell, 5933, Clerk-Stenographer II.....	N	\$ 3 840
2. Charles B. Wingstrom, 7394, Safety Inspector.....	N	9 000
3. _____, Field Safety Officer.....	N	8 000
<i>Total, Indirect Costs — Workmen's Compensation.....</i>		<i>\$20 840</i>

COLLEGE OF AGRICULTURE**Administration****College**

Account Number 00-15-01-100

1. D. A. Gillespie, 5586, Division Chief Accountant.....	N	\$12 000
2. Beverly G. Allen, 0909, Clerk-Typist II.....	N	2 820
3. Eleanore M. Mendel, 1204, Clerk-Typist II.....	N	3 420
4. Doris J. Lamb, 6286, Clerk-Typist III.....	N	3 780
5. Patricia D. Stapp, 0911, Clerk-Typist III.....	N	3 900
6. Mary Svetez, 0905, Secretary — Stenographic.....	N	6 480
7. Neva B. Millard, 0901, Administrative Secretary — Stenographic.....	N	8 600
<i>Total, Administration (College).....</i>		<i>\$41 000</i>

Station

Account Number 00-15-01-300

1. Larry G. Hess, 6421, Accountant I.....	N	\$ 5 730
2. Robert E. Sullivan, 5912, Accountant II.....	N	8 340
3. Elinor A. Corley, 0912, Clerk III.....	N	4 680
4. Eunice M. Mayhood, 7903, Clerk III.....	N	4 290
5. Mabel I. O'Neill, 0902, Chief Clerk.....	N	6 660
6. Janice M. Koester, 0907, Clerk-Stenographer II.....	N	3 600
7. Marvis A. Lovett, 0910, Clerk-Typist II.....	N	2 940
8. Arthur F. Robbins, 5584, Glass Blower II.....	ZN55	5 340
(Total Salary).....		(9 600)
9. Eugene E. Lowry, 0903, Office Supervisor.....	N	6 480
<i>Total, Administration (Station).....</i>		<i>\$48 060</i>

Extension

Account Number 00-15-01-400

1. Janice J. Fields, 7669, Accountant I.....	N	\$ 5 040
2. Thomas L. Hermann, 7581, Commercial Artist I.....	N50	2 160
3. Tiiu Pessa, 7581, Commercial Artist I.....	N50	2 160
4. John G. Duffin, 1216, Clerk I.....	N	3 180
5. Margaret G. Silver, 1201, Clerk II.....	N	3 210
6. Dorothy M. Conover, 1194, Clerk III.....	N	3 720
7. Dorothy K. Waller, 1192, Clerk III.....	N	4 680
8. Darrell E. Scarbrough, 6373, Accounting Clerk I.....	N	3 870
9. Elizabeth Brown, 1207, Chief Clerk.....	N	6 000
10. Connie M. Myers, 1211, Typing Clerk I.....	N	3 180
11. ———, 1212, Typing Clerk II.....	N	3 120
12. Geraldine M. Baker, 1215, Clerk-Stenographer II.....	N	4 080
13. Helen Z. Fry, 8643, Clerk-Stenographer III.....	N	4 440
14. ———, 5916, Clerk-Stenographer III.....	N	3 600
15. Betsy J. Anderson, 1191, Clerk-Typist II.....	N	2 700
16. Lou Ann Bergman, 7529, Clerk-Typist II.....	N	3 180
17. Mary F. Black, 1208, Clerk-Typist II.....	N	2 880
18. Willa J. Cockerham, 1217, Clerk-Typist II.....	N	3 150
19. R. Doris Fruhling, 1198, Clerk-Typist II.....	N	3 180
20. Yvonne Penhollow, 1209, Clerk-Typist II.....	N	3 000
21. Mary E. Turner, 1200, Clerk-Typist II.....	N	3 600
22. Judith P. Eskew, 1193, Clerk-Typist III.....	N	3 540
23. Patricia Meyers, 1197, Junior Illustrator.....	N	4 440
24. Richard L. Kesterson, 1213, Duplicating Machine Operator I.....	N	2 700
25. William N. Jenkins, 1226, Duplicating Machine Operator II.....	N	3 660
26. James E. Keller, 1224, Duplicating Machine Operator II.....	N	3 060
27. Carl N. Empson, 1221, Duplicating Machine Operator III.....	N	5 760
28. ———, 6777, Duplicating Machine Operator III.....	N	4 200
29. ———, Office Appliance Operator I.....	N	2 820
30. Ronald B. Hudson, 1222, Office Appliance Operator II.....	N	3 480
31. L. Katherine Darland, 1190, Secretary — Stenographic.....	N	6 180
32. Charles H. Metzel, Jr., 7808, Storekeeper I.....	N	4 200
33. Ronald J. Smith, 1220, Storekeeper II.....	N	5 490
34. Marion F. Berry, 1188, Office Supervisor.....	N	7 680
<i>Total, Administration (Extension).....</i>		<i>\$131 340</i>

Agricultural Mimeographing Service

Account Number 09-15-01-902

1. Sarah Hollingsworth, 6820, Clerk I.....	N	\$ 3 180
2. Rita J. Hubbart, 6315, Clerk I.....	N	2 580
3. ———, 7302, Clerk II.....	N	2 400
4. Delia B. Lara, 8487, Typing Clerk II.....	N	2 520
5. Carl L. Hutts, 7057, Duplicating Machine Operator I.....	N	2 700
6. Ronald L. Thompson, 7455, Duplicating Machine Operator I.....	N	2 820
7. Rene Lara, 6141, Duplicating Machine Operator II.....	N	3 120
<i>Total, Agricultural Mimeographing Service.....</i>		<i>\$19 320</i>

Glass Blowing Service

Account Number 09-15-01-932

1. Arthur F. Robbius, 5584, Glass Blower II.....	ZN45	\$ 4 260
<i>Total, Glass Blowing Service.....</i>		<i>\$ 4 260</i>

Agricultural Departmental Revolving

Account Number 12-15-01-316

1. Jacquelyn H. Henry, 8603, Junior Laboratory Attendant..	ZN35	\$ 1 442
(Total Salary)		(4 120)
2. Delmar L. Hiltman, 6318, Clerk III.....	N	4 440

3. Larry Lee King, 7884, Clerk III.....	N	3 720
4. Barbara J. Baldwin, 7494, Clerk-Typist II.....	ZN65	2 145
(Total Salary)		(3 300)
5. ———, 6984, Office Appliance Operator I.....	N50	1 350
<i>Total, Agricultural Departmental Revolving.....</i>		<u>\$13 097</u>

Agricultural Sales Revolving

Account Number 12-15-01-378

1. Patricia K. Drew, 5243, Typing Clerk III.....	ZN50	\$ 1 800
(Total Salary)		(3 600)
2. Roy F. Michael, 1032, Storekeeper III.....	N	5 685
<i>Total, Agricultural Sales Revolving.....</i>		<u>\$ 7 485</u>

Hatch — Administration — General Administration of Federal Funds

Account Number 21-15-01-301

1. Philippe T. Osgood, 1187, Clerk II.....	N	\$ 2 670
<i>Total, Hatch — Administration — General Administration of Federal Funds.....</i>		<u>\$ 2 670</u>

Cooperative Investigations

VARIOUS DONORS — URBAN 4-H CLUB WORK

Account Number 44-15-01-488

1. Rose Mary Benes, 7397, Clerk-Stenographer III.....	N	\$ 4 200
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U.S. INTERNATIONAL COOPERATION ADMINISTRATION —
FOREIGN VISITORS

Account Number 46-15-01-128

1. Martha L. Jones, 7957, Clerk-Typist III.....	ZN50	\$ 2 040
(Total Salary)		(4 080)

Agricultural Economics**College**

Account Number 00-15-05-100

1. Marcia V. Rosenzweig, 0947, Clerk-Stenographer III....	N	\$ 3 600
<i>Total, Agricultural Economics (College).....</i>		<u>\$ 3 600</u>

Station

Account Number 00-15-05-300

1. ———, 5059, Clerk II.....	ZN33	\$ 990
(Total Salary)		(3 030)
2. Mary Margaret Graham, 0945, Clerk III.....	N	4 200
3. Doris M. Roush, 0946, Clerk III.....	N45	1 770
(Total Salary)		(3 540)
4. Frances C. Frick, 6983, Chief Clerk.....	N	4 620
5. Thelma S. O'Neill, 0944, Chief Clerk.....	N	6 480
6. Shirley K. Janes, 0960, Clerk-Stenographer I.....	N50	1 410
7. Wanda K. Hallendorff, 0948, Clerk-Stenographer II.....	N	3 180
8. ———, 0951, Clerk-Typist II.....	N	2 790
9. Grace A. Asik, 0950, Office Appliance Operator I.....	N	2 760
10. Mary J. Whitman, 5366, Office Appliance Operator II....	ZN28	810
(Total Salary)		(2 880)
11. Ruth Gorrell, 0940, Secretary — Stenographic.....	N	6 480
12. Tonya A. Shoemaker, 0953, Statistician I.....	ZN35	1 365
(Total Salary)		(3 900)
<i>Total, Agricultural Economics (Station).....</i>		<u>\$36 855</u>

Farm Management Service

Account Number 09-15-05-926

1. Jacqueline A. Leonard, 0236, Clerk I.....	N50	\$ 1 200
(Total Salary)		(2 400)
2. Doris M. Roush, 0946, Clerk III.....	ZN45	1 770
<i>Total, Farm Management Service.....</i>		<u>\$ 2 970</u>

Farm Accounting Revolving

Account Number 12-15-05-326

1. Claudine C. Armes, 0965, Office Appliance Operator I....	H	\$ 2 880
2. Maxine L. Fornof, 0966, Office Appliance Operator I....	N	2 880
3. _____, 0967, Office Appliance Operator I.....	N	2 400
4. Ruth A. Hunt, 0964, Office Appliance Operator II.....	N	3 120
<i>Total, Farm Accounting Revolving.....</i>		<u>\$11 280</u>

Hatch — Economics — Farm Accounting Investigation

Account Number 21-15-05-301

1. Karen L. Strack, 7651, Clerk-Stenographer II.....	N50	\$ 1 650
2. Mary J. Whitman, 5366, Office Appliance Operator II...	N72	2 070
3. _____, 0962, Office Appliance Operator II.....	N	2 880
<i>Total, Hatch — Economics — Farm Accounting Investi-</i>		
<i>gation.....</i>		<u>\$ 6 600</u>

Hatch — Economics — Land Use Crop Utilization

Account Number 21-15-05-304

1. Doris M. Griffith, 3050, Office Appliance Operator II....	N	\$ 2 820
<i>Total, Hatch — Economics — Land Use Crop Utilization</i>		<u>\$ 2 820</u>

Hatch — Economics — Expanding Milk Markets

Account Number 21-15-05-343

1. Jean L. Maffet, 6614, Clerk-Typist II.....	N75	\$ 2 115
<i>Total, Hatch — Economics — Expanding Milk Markets.</i>		<u>\$ 2 115</u>

Hatch — Economics — Egg Marketing

Account Number 21-15-05-361

1. Patricia J. Black, 0958, Clerk-Stenographer II.....	N	\$ 3 000
<i>Total, Hatch — Economics — Egg Marketing.....</i>		<u>\$ 3 000</u>

Hatch — Economics — Cooperative Livestock Marketing in Illinois NCM18

Account Number 21-15-05-369

1. Shirley H. Hulse, 8691, Clerk-Typist II.....	N	\$ 2 880
<i>Total, Hatch — Economics — Cooperative Livestock Mar-</i>		
<i>keting in Illinois NCM18.....</i>		<u>\$ 2 880</u>

Hatch — Economics — Analysis of Farm Price and Income

Account Number 21-15-05-381

1. Tonya A. Shoemaker, 0953, Statistician I.....	ZN65	\$ 2 535
<i>Total, Hatch — Economics — Analysis of Farm Price</i>		
<i>and Income</i>		<u>\$ 2 535</u>

Hatch — Economics — Measuring Farm Produce Demand

Account Number 21-15-05-383

1. Deaune K. Spencer, 0954, Clerk-Typist III.....	N	\$ 4 080
<i>Total, Hatch — Economics — Measuring Farm Produce</i>		
<i>Demand</i>		<u>\$ 4 080</u>

Regional Research Fund — Economics — Disbursement of Trust Funds NCM26

Account Number 23-15-05-344

1. Vivian M. Ytterhus, 5592, Typing Clerk III.....	N	\$ 3 480
<i>Total, Regional Research Fund — Economics — Disburse-</i>		
<i>ment of Trust Funds NCM26.....</i>		<u>\$ 3 480</u>

Regional Research Fund — Economics — Change Dairy Marketing NCM2

Account Number 23-15-05-345

1. _____, 5059, Clerk II.....	ZN67	\$ 2 040
<i>Total, Regional Research Fund — Economics — Change</i>		
<i>Dairy Marketing NCM2.....</i>		<u>\$ 2 040</u>

Agricultural Engineering**College**

Account Number 00-15-10-100

1. Marjorie G. Freebairn, 0969, Clerk III.....	N	\$ 4 500
2. H. W. Hempler, 0973, Senior Laboratory Mechanic.....	N	6 762
<i>Total, Agricultural Engineering (College).....</i>		<u>\$11 262</u>

Station

Account Number 00-15-10-300

1. Henry S. Creech, 7737, Accountant I.....	N	\$ 5 700
2. Arthur L. Carlson, 0974, Senior Laboratory Attendant....	N	5 445
3. Barbara J. Baldwin, 7494, Clerk-Typist II.....	ZN35	1 155
(Total Salary)		(3 300)
4. ———, 7243, Clerk-Typist II.....	N50	1 800
5. Georgianna Noel, 0970, Clerk-Typist III.....	N	4 500
6. John W. Oare, 8681, Engineering Draftsman I.....	N	4 800
7. Kenneth R. Umbarger, 6835, Fieldman.....	N	5 370
8. Howard A. Clemmon, 8070, Farm Mechanic.....	N	4 800
9. James R. Johnstone, 7111, Junior Laboratory Mechanic...	ZN10	591
(Total Salary)		(5 910)
10. Roy W. Brockett, 0976, Senior Laboratory Mechanic.....	N	6 792
<i>Total, Agricultural Engineering (Station).....</i>		<u>\$40 953</u>

Hatch — Engineering — Automatic Feeding of Dairy Cattle

Account Number 21-15-10-373

1. James R. Johnstone, 7111, Junior Laboratory Mechanic...	ZN50	\$ 2 955
<i>Total, Hatch — Engineering — Automatic Feeding of Dairy Cattle</i>		<u>\$ 2 955</u>

Regional Research Fund — Engineering — Optimum Pig Environment in Farrowing

Account Number 23-15-10-371

1. James R. Johnstone, 7111, Junior Laboratory Mechanic...	ZN15	\$ 886
<i>Total, Regional Research Fund — Engineering — Optimum Pig Environment in Farrowing.....</i>		<u>\$ 886</u>

Cooperative Investigations

PORTLAND CEMENT ASSOCIATION — FARM STRUCTURES

Account Number 44-15-10-367

1. James R. Johnstone, 7111, Junior Laboratory Mechanic...	ZN25	\$ 1 478
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STATE OF ILLINOIS DIVISION OF HIGHWAYS — DRAINAGE

LAWS AND PRACTICES

Account Number 47-15-10-317

1. Joann L. Bier, 7991, Clerk-Typist II.....	ZN75	\$ 2 610
(Total Salary)		(3 480)

STATE OF ILLINOIS DIVISION OF HIGHWAYS — ROADSIDE COVER

Account Number 47-15-10-374

1. Joann L. Bier, 7991, Clerk-Typist II.....	ZN25	\$ 870
2. ———, 0972, Clerk-Typist II.....	N	2 520
3. ———, 7685, Junior Laboratory Mechanic.....	N	5 580
<i>Total, State of Illinois Division of Highways — Roadside Cover</i>		<u>\$ 8 970</u>

Agronomy**College**

Account Number 00-15-15-100

1. Virginia R. Patton, 0981, Clerk III.....	N	\$ 3 540
2. Susie G. Webster, 0984, Clerk-Typist II.....	N	3 600
3. Cecele E. Schlarmann, 0979, Office Supervisor.....	N	6 780
<i>Total, Agronomy (College).....</i>		<u>\$13 920</u>

Station

Account Number 00-15-15-300

1. John M. Parker, 7639, Scientific Analyst.....	N	\$ 4 800
2. Francis P. Conerty, 0995, Junior Laboratory Attendant....	N	4 680
3. Albert H. Hatchett, 0992, Junior Laboratory Attendant....	N	4 500
4. Clarence W. Hayden, 6690, Junior Laboratory Attendant..	ZN19	817
(Total Salary)		(1 725)
5. Frank A. Bensley, 0994, Senior Laboratory Attendant.....	N	4 920
6. Nelle G. Pieper, 0982, Clerk II.....	N	3 450
7. Elvera Keen, 7890, Clerk III.....	N	3 840
8. Lulu B. Meyers, 0980, Chief Clerk.....	N	6 780
9. Norma J. Templin, 6616, Chief Clerk.....	N	5 400
10. Sharon A. Huck, 7024, Statistical Clerk.....	N	3 300
11. Jean A. Swanson, 7025, Statistical Clerk.....	N	3 300
12. Barbara Frantz, 0991, Typing Clerk II.....	ZN15	420
(Total Salary)		(2 880)
13. Rita M. Huls, 0986, Clerk-Typist II.....	N	2 700
14. Marilyn G. Johnson, 0988, Clerk-Typist II.....	N	3 180
15. Joyce A. Place, 0987, Clerk-Typist II.....	N	3 420
16. Virginia L. Strainis, 0983, Clerk-Typist II.....	N	2 880
17. David R. Phillips, 7355, Cartographic Draftsman.....	N	5 100
18. Quentin A. Calder, 0997, Fieldman.....	N	5 400
(Perquisites University — housing)		
19. Elza R. Hawkins, Jr., 0998, Fieldman.....	N	5 370
20. Herbert M. Hayes, 1002, Fieldman.....	N	5 400
21. Archie R. Mahaffey, 1001, Fieldman.....	N	5 400
22. Joseph C. Mitsdarfer, 0999, Fieldman.....	N	5 400
23. Otis W. Pile, 1003, Fieldman.....	N	5 400
24. Queto J. Rennie, 1000, Fieldman.....	N	5 280
25. Richard R. Bell, 1004, Farm Foreman.....	N	5 700
(Perquisites University — housing)		
26. L. W. Clapp, 0996, Farm Foreman.....	N	6 225
27. Bob Hudson, 0388, Farm Foreman.....	N50	2 310
28. Charles Mahannah, Jr., 1006, Agricultural Gardener.....	N	5 370
29. Vivian M. Young, 0990, Office Appliance Operator II.....	N	3 300
30. Kenneth E. Williams, 7906, Crops Testing Technician....	N	5 760
Total, Agronomy (Station).....		\$129 802

Corn Testing Revolving

Account Number 12-15-15-311

1. Gerald L. Ross, 6596, Crops Testing Technician.....	N	\$ 5 760
Total, Corn Testing Revolving.....		\$ 5 760

Hatch — Agronomy — Characteristics and Distribution of Selected Soils in Northwestern Illinois

Account Number 21-15-15-362

1. Ilona Sandorf, 5307, Draftsman.....	N	\$ 4 020
Total, Hatch — Agronomy — Characteristics and Distribution of Selected Soils in Northwestern Illinois....		\$ 4 020

Hatch — Agronomy — Measurement Production Rate RTO

Account Number 21-15-15-372

1. Barbara Frantz, 0991, Typing Clerk II.....	ZN85	\$ 2 460
Total, Hatch — Agronomy — Measurement Production Rate RTO		\$ 2 460

Hatch — Agronomy — Physics of Water AK

Account Number 21-15-15-381

1. Clarence W. Hayden, 6690, Junior Laboratory Attendant	ZN20	\$ 908
Total, Hatch — Agronomy — Physics of Water AK....		\$ 908

Regional Research Fund—Agronomy—Physiology and Biochemistry of Seed Sorting NCM2

Account Number 23-15-15-396

1. Jacquelyn H. Henry, 8603, Junior Laboratory Attendant..	ZN65	\$ 2 678
(Total Salary)		(4 120)

Total, Regional Research Fund—Agronomy—Physiology and Biochemistry of Seed Sorting NCM2..... \$ 2 678

Cooperative Investigations**ILLINOIS SEED PRODUCERS—CORN**

Account Number 44-15-15-346

1. Donald E. Cler, 6203, Fieldman.....	N	\$ 5 370
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U.S. ATOMIC ENERGY COMMISSION 790

Account Number 46-15-15-301

1. Mary E. Fisher, 6891, Senior Laboratory Attendant.....	N	\$ 5 310
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U.S. ATOMIC ENERGY COMMISSION 791

Account Number 46-15-15-302

1. ———, 6525, Senior Laboratory Attendant.....	N	\$ 4 980
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U.S. NATIONAL SCIENCE FOUNDATION G9862

Account Number 46-15-15-355

1. James J. Wabot, 8024, Senior Laboratory Attendant.....	N	\$ 4 920
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U.S. NATIONAL SCIENCE FOUNDATION G9430

Account Number 46-15-15-360

1. ———, 7916, Senior Laboratory Attendant.....	N75	\$ 3 420
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U.S. NATIONAL SCIENCE FOUNDATION G16020

Account Number 46-15-15-361

1. Greta Davis, 8666, Junior Laboratory Attendant.....	N	\$ 4 120
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Animal Science**College**

Account Number 00-15-20-100

1. C. L. Abercrombie, 7989, Accountant I.....	N	\$ 4 890
2. Mary A. Mayhood, 1017, Clerk-Stenographer II.....	N	3 180
3. Phyllis A. Neese, 6095, Clerk-Stenographer III.....	ZN50	1 890
(Total Salary)		(3 780)
4. Harriet E. Ellis, 1022, Clerk-Typist II.....	N	2 880
5. James W. Butler, 1054, Fieldman.....	N	5 400
6. Wesley E. Schulthes, 1056, Fieldman.....	N	5 400
7. Maurice Key, 1023, Supervising Farm Foreman.....	N	6 570
(Perquisites University—housing)		
8. John B. Cogswell, 1026, Herdsman Foreman.....	N	6 180
(Perquisites University—housing)		
9. Ted R. Brittenham, 1046, Herdsman.....	N	5 400
10. Thorne L. Matteson, 1048, Herdsman.....	N	5 400
11. Lowell D. Toppe, 1045, Herdsman.....	N	5 400
12. Ervin L. Nordling, 1051, Poultryman.....	N	5 400
13. Linetta M. Parry, 1012, Secretary—Stenographic.....	N	6 300
<i>Total, Animal Science (College).....</i>		<i>\$64 290</i>

Station

Account Number 00-15-20-300

1. Francis J. Dorsey, 1034, Junior Laboratory Attendant....	N	\$ 4 500
2. Charles H. Anders, 1038, Senior Laboratory Attendant..	N	5 430
3. William Casebeer, Jr., 1036, Senior Laboratory Attendant	ZN10	555
(Total Salary)		(5 490)
4. Clifford A. Drescher, 1037, Senior Laboratory Attendant..	N	5 430
5. Raymond R. Marsh, 1035, Senior Laboratory Attendant..	N	5 505
6. Jasper Lewis, 1030, Butcher.....	ZN52	3 600
(Total Salary)		(6 900)
7. Paul E. Reynolds, 8192, Butcher.....	N	5 820

8. Patricia K. Drew, 5243, Typing Clerk III.....	ZN50	1 800
(Total Salary)		(3 600)
9. Joanne I. Billman, 1019, Clerk-Stenographer II.....	N	3 120
10. Beulah V. Dodd, 1018, Clerk-Stenographer III.....	N	3 840
11. Bonnie J. Eidman, 1016, Clerk-Typist II.....	N	2 820
12. Normaleen S. Snedeker, 1020, Clerk-Typist II.....	N	2 880
13. Carol A. Zindars, 1021, Clerk-Typist II.....	N	3 480
14. Dean R. Carmien, 1055, Fieldman.....	N	5 370
15. Alva G. Potts, 1052, Fieldman.....	N	5 400
16. J. Paul Rayburn, 1044, Fieldman.....	N	5 610
17. Roy F. Block, 1024, Herdsman Foreman.....	N	6 150
18. Walter McWard, 1029, Herdsman Foreman.....	N	6 180
(Perquisites University — housing)		
19. Wayne E. Roberts, 5353, Herdsman Foreman.....	ZN25	1 545
(Total Salary)		(6 180)
20. Gordon H. Batchelder, 1053, Herdsman.....	N	5 280
21. James F. Bonnell, 4979, Herdsman.....	N	5 400
22. Harold L. Cope, 1047, Herdsman.....	N	5 400
23. William O. Eaton, 1041, Herdsman.....	N	5 400
24. John A. Gesell, 1027, Herdsman.....	N	5 160
25. W. Walter Jackson, 6290, Herdsman.....	ZN37	1 999
(Total Salary)		(5 400)
26. Oliver P. Lewis, 1057, Herdsman.....	N	5 400
27. ———, Herdsman	N	4 965
28. M. J. Coon, 1043, Poultryman.....	N	5 520
29. Donald L. Wade, 1042, Poultryman.....	N	5 400
30. Leah M. Dunn, 1010, Secretary — Stenographic.....	ZN50	3 330
(Total Salary)		(6 660)
31. Alma E. White, 1014, Secretary — Stenographic.....	N	4 800
32. Herbert M. Goldman, 1015, Statistician I.....	N50	2 220
Total, Animal Science (Station).....		\$139 309

Stores — Feed Storage Overhead

Account Number 08-15-20-927

1. Phyllis A. Neese, 6095, Clerk-Stenographer III.....	ZN50	\$ 1 890
2. Wayne E. Roberts, 5353, Herdsman Foreman.....	ZN75	4 635
3. Richard L. Munds, 1049, Herdsman.....	N	5 400
Total, Stores — Feed Storage Overhead.....		\$11 925

Hatch — Animal Science — Animal Nutrition

Account Number 21-15-20-306

1. William Casebeer, Jr., 1036, Senior Laboratory Attendant	ZN90	\$ 4 935
Total, Hatch — Animal Science — Animal Nutrition....		\$ 4 935

Hatch — Animal Science — Beef Cattle from Non-corn Acreage

Account Number 21-15-20-349

1. Jasper Lewis, 1030, Butcher.....	ZN48	\$ 3 300
Total, Hatch — Animal Science — Beef Cattle from Non-corn Acreage		\$ 3 300

Hatch — Animal Science — Physiology and Reproduction in Swine

Account Number 21-15-20-352

1. W. Walter Jackson, 6290, Herdsman.....	ZN63	\$ 3 401
Total, Hatch — Animal Science — Physiology and Reproduction in Swine.....		\$ 3 401

Cooperative Investigations

U.S. AIR FORCE 359

Account Number 46-15-20-302

1. Roberta M. Durdle, 5542, Clerk-Typist I.....	ZN40	\$ 1 056
(Total Salary)		(2 640)

U.S. ARMY MD544

Account Number 46-15-20-303

- | | | |
|---|------|----------|
| 1. Roberta M. Durdle, 5542, Clerk-Typist I..... | ZN40 | \$ 1 056 |
|---|------|----------|

U.S. NATIONAL SCIENCE FOUNDATION G13948

Account Number 46-15-20-356

- | | | |
|--|-----|----------|
| 1. Edward Willis, 6321, Junior Laboratory Attendant..... | N50 | \$ 2 060 |
|--|-----|----------|

U.S. NATIONAL SCIENCE FOUNDATION G8962

Account Number 46-15-20-359

- | | | |
|---|------|--------|
| 1. Roberta M. Durdle, 5542, Clerk-Typist I..... | ZN20 | \$ 528 |
|---|------|--------|

U.S. PUBLIC HEALTH SERVICE B1200

Account Number 46-15-20-365

- | | | |
|--|---|----------|
| 1. Louis N. Nash, 6335, Junior Laboratory Attendant..... | N | \$ 4 470 |
|--|---|----------|

STATE OF ILLINOIS DEPARTMENT OF AGRICULTURE — SWINE SELECTION

Account Number 47-15-20-378

- | | | |
|--|---|----------|
| 1. Carol J. Greenleaf, 8426, Senior Laboratory Attendant.... | N | \$ 4 920 |
|--|---|----------|

County Farm Extension

Account Number 00-15-25-400

- | | | |
|---|---|-----------------|
| 1. Hazel S. Brooks, 1210, Clerk III..... | N | \$ 3 600 |
| 2. Carol A. Block, 1203, Clerk-Stenographer II..... | N | 3 240 |
| 3. Barbara Butler, 7418, Clerk-Stenographer II..... | N | 3 000 |
| 4. Barbara J. Hughes, 0913, Clerk-Stenographer II..... | N | 3 000 |
| 5. Arlene A. Wakefield, 1205, Clerk-Stenographer II..... | N | 3 780 |
| 6. Helen L. Nowning, 1202, Clerk-Stenographer III..... | N | 4 800 |
| 7. Elizabeth H. Hulett, 6251, Secretary — Stenographic..... | N | 6 000 |
| <i>Total, County Farm Extension.....</i> | | <u>\$27 420</u> |

Auxiliary — 4-H Memorial Camp Operation

Account Number 18-15-25-780

- | | | |
|--|---|-----------------|
| 1. Robert J. Dowdle, 1240, Park Attendant..... | N | \$ 4 860 |
| (Perquisites University — housing) | | |
| <i>Total, Auxiliary — 4-H Memorial Camp Operation.....</i> | | <u>\$ 4 860</u> |

County Home Extension

Account Number 00-15-30-400

- | | | |
|---|-----|-----------------|
| 1. Charlena H. Holl, 1233, Typing Clerk I..... | N | \$ 2 520 |
| 2. Shirley J. Wimmer, 1232, Typing Clerk I..... | N | 2 760 |
| 3. Betty L. Hettinger, 1231, Typing Clerk II..... | N | 3 480 |
| 4. Carol A. Griffith, 1239, Clerk-Typist I..... | N | 2 520 |
| 5. Catherine A. Magsamen, 1235, Clerk-Typist I..... | N50 | 1 260 |
| 6. Sandra K. Pridemore, 1238, Clerk-Typist I..... | N | 2 730 |
| 7. Karen J. Werremeyer, 1234, Clerk-Typist I..... | N | 2 520 |
| 8. Norma L. Huls, 1229, Clerk-Typist II..... | N | 3 300 |
| 9. Carol Linda Smith, 1230, Clerk-Typist II..... | N | 3 000 |
| 10. _____, 1228, Clerk-Typist III..... | N | 3 300 |
| 11. Mildred M. Lair, 1227, Office Supervisor..... | N | 6 480 |
| <i>Total, County Home Extension.....</i> | | <u>\$33 870</u> |

Dairy Science**College**

Account Number 00-15-35-100

- | | | |
|---|---|----------|
| 1. Francis E. Althaus, 1069, Senior Laboratory Attendant... | N | \$ 4 920 |
| 2. Jo Ann Anderson, 1063, Clerk-Stenographer II..... | N | 3 000 |
| 3. Marjorie M. Hildreth, 1061, Clerk-Stenographer III..... | N | 4 620 |
| 4. Joyce M. Dornblaser, 1066, Clerk-Typist II..... | N | 2 640 |
| 5. Carol A. Krueger, 1064, Clerk-Typist II..... | N | 2 640 |
| 6. Rosemary I. Judy, 1060, Clerk-Typist III..... | N | 3 900 |
| 7. Ray E. King, 1078, Herdsman..... | N | 5 490 |
| 8. Harold J. Menacher, 1090, Herdsman..... | N | 5 400 |
| 9. Paul D. Moore, 1085, Herdsman..... | N | 5 400 |
| 10. Charles S. Spitz, 1087, Herdsman..... | N | 5 400 |

11. Kees W. Vandermeer, 1082, Herdsman.....	N	5 280
12. I. Rhea Adams, 1059, Secretary — Stenographic.....	N	6 300
<i>Total, Dairy Science (College).....</i>		<u>\$54 990</u>

Station**Account Number 00-15-35-300**

1. _____, 1070, Senior Laboratory Attendant.....	N	\$ 3 945
2. Joseph Pohl, 7717, Accounting Clerk I.....	N	3 900
3. _____, 1074, Clerk-Stenographer II.....	N	2 820
4. Nancy Mickelson, 1067, Clerk-Typist II.....	N	2 820
5. _____, 6173, Clerk-Typist II.....	N	2 700
6. _____, 1068, Clerk-Typist II.....	ZN80	2 250
(Total Salary)		(2 820)
7. Burford E. Hammitt, 1092, Fieldman.....	N	5 400
8. Russel R. Layman, 1081, Fieldman.....	N	5 400
9. Henry L. Wann, 1091, Fieldman.....	N	5 400
10. Fay Campbell, 1072, Farm Foreman.....	N	6 210
(Perquisites University — housing)		
11. Roy L. Shirley, 1073, Supervising Farm Foreman.....	N	6 480
(Perquisites University — housing)		
12. Leslie I. Elder, 1089, Herdsman.....	N	5 280
13. Gilbert L. Foreman, 1088, Herdsman.....	N	5 400
14. Paul F. Hallowell, 1084, Herdsman.....	N	5 400
15. Arthur E. Miller, 1075, Herdsman.....	N	5 595
16. Clarence R. Millsap, 1095, Herdsman.....	N	5 340
17. Robert Lee O'Bryan, 1097, Herdsman.....	N	5 400
18. Burl E. Petty, 1086, Herdsman.....	N	5 460
19. Charles G. Peyton, 1094, Herdsman.....	N	5 400
20. Eugene S. Poehler, 1093, Herdsman.....	N	5 400
21. Frank Seiler, 1083, Herdsman.....	N	5 460
22. Warren R. Smith, 1079, Herdsman.....	N	5 595
23. Orville C. Starwalt, 1077, Herdsman.....	N	5 580
24. Virgil D. Unzicker, 1096, Herdsman.....	N	5 340
25. James A. Voss, 1076, Herdsman.....	N	5 580
26. Lawrence E. Williams, 1080, Herdsman.....	N	5 400
<i>Total, Dairy Science (Station).....</i>		<u>\$128 955</u>

Dairy Official Testing Revolving**Account Number 12-15-35-316**

1. Sherman M. Dockum, 1105, Advanced Registry Tester...	N	\$ 4 500
2. Charles K. Hays, 1102, Advanced Registry Tester.....	N	4 500
3. Henry W. Hern, 1107, Advanced Registry Tester.....	N	4 500
4. _____, 1104, Advanced Registry Tester.....	N	3 960
5. _____, 1108, Advanced Registry Tester.....	N	3 780
<i>Total, Dairy Official Testing Revolving.....</i>		<u>\$21 240</u>

Hatch — Dairy Science — Metabolism in Ruminants**Account Number 21-15-35-315**

1. Judith Mizrahi, 8216, Junior Laboratory Attendant.....	N	\$ 4 120
2. _____, 1068, Clerk-Typist II.....	ZN20	570
<i>Total, Hatch — Dairy Science — Metabolism in Ruminants.....</i>		<u>\$ 4 690</u>

Hatch — Dairy Science — Artificial Insemination**Account Number 21-15-35-316**

1. Ronald A. Harris, 7371, Junior Laboratory Attendant....	N	\$ 4 280
<i>Total, Hatch — Dairy Science — Artificial Insemination</i>		<u>\$ 4 280</u>

Hatch — Dairy Science — Metabolism of Spermatozoa**Account Number 21-15-35-317**

1. _____, 5591, Senior Laboratory Attendant.....	N	\$ 4 680
<i>Total, Hatch — Dairy Science — Metabolism of Spermatozoa.....</i>		<u>\$ 4 680</u>

Cooperative Investigations**ROCKEFELLER FOUNDATION — FUNDAMENTAL BIOLOGY**

Account Number 44-15-35-373

1. Inge M. Michel, 6363, Junior Laboratory Attendant.....	N	\$ 4 200
2. —————, 6299, Senior Laboratory Attendant.....	N60	3 116
<i>Total, Rockefeller Foundation — Fundamental Biology..</i>		<i>\$ 7 316</i>

U.S. NATIONAL SCIENCE FOUNDATION G7499

Account Number 46-15-35-359

1. Judith M. Twarog, 6089, Senior Laboratory Attendant....	N	\$ 4 920
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U.S. PUBLIC HEALTH SERVICE A3156

Account Number 46-15-35-365

1. Harold A. Bond, 7721, Senior Laboratory Attendant.....	N	\$ 5 280
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Dixon Springs Experiment Station

Account Number 00-15-40-300

1. R. W. Anderson, 0921, Senior Laboratory Attendant.....	ZN75	\$ 3 825
(Total Salary)		(5 100)
(Perquisites University — lodging)		
2. Velma Jean Harper, 8759, Clerk-Stenographer II.....	N	3 120
3. Wanda L. Randolph, 0918, Clerk-Stenographer II.....	N	3 120
4. Charlotte R. Benard, 7339, Clerk-Stenographer III.....	N	3 750
5. Carl B. Aaron, 0931, Assistant Farmer.....	ZN8	320
(Total Salary)		(3 900)
6. Robie T. Anderson, 0934, Assistant Farmer.....	N	3 660
7. Buel L. Bailey, 0929, Assistant Farmer.....	N	3 690
8. Ernest W. Bailey, 0943, Assistant Farmer.....	N	3 840
(Perquisites University — lodging)		
9. John R. Bailey, 0933, Assistant Farmer.....	N	3 990
10. Lowell L. Bailey, 0932, Assistant Farmer.....	N	3 960
11. James R. Boaz, 0922, Assistant Farmer.....	N	3 960
12. Raymond Enyart, 7904, Assistant Farmer.....	N	3 990
13. B. W. Hardin, 0927, Assistant Farmer.....	N	4 380
14. Joe S. Harris, 0938, Assistant Farmer.....	N	3 840
15. Rillis L. Kerley, 6744, Assistant Farmer.....	N	3 900
16. Gerald Klink, 5360, Assistant Farmer.....	N	3 900
17. Ronald O. Phelps, 0928, Assistant Farmer.....	N	3 840
18. Edward Sharp, 0937, Assistant Farmer.....	N	3 600
19. James Trigg, 0939, Assistant Farmer.....	N	4 080
20. Maurice R. Wells, 0930, Assistant Farmer.....	N	4 110
21. Eugene Wise, 0924, Assistant Farmer.....	N	3 840
(Perquisites Employee — lodging)		(180)
22. James W. Hemphill, 7386, Building Mechanic Foreman...	N	4 860
23. J. Wayne Mizell, 0925, Farm Foreman.....	N	4 500
(Perquisites University — lodging)		
24. Earl Williamson, 0926, Farm Foreman.....	N	5 280
(Perquisites University — lodging)		
25. Lee Phelps, 5872, Farm Mechanic Foreman.....	N	4 860
(Perquisites University — lodging)		
26. Thomas E. Lauderdale, 0920, Herdsman Foreman.....	N	4 650
(Perquisites University — lodging)		
27. Oakley Robinson, 0919, Herdsman Foreman.....	N	5 280
(Perquisites University — lodging)		
28. Irene Fritch, 6706, Housekeeper.....	H	(2 923)
29. Roy Brush, 0935, Farm Laborer.....	N	3 540
30. Clarence Tooley, 0936, Farm Laborer.....	N	3 540
31. Howard Bradley, 7385, Building Mechanic.....	N	4 170
32. Fred Kerley, 7383, Building Mechanic.....	N	4 170
33. Wayne Lewis, 7384, Building Mechanic.....	N	4 170
34. Donnie R. Morris, 6108, Farm Mechanic.....	N	3 960
35. Leah M. Dunn, 0917, Secretary — Stenographic.....	ZN50	3 330
(Total Salary)		(6 660)
<i>Total, Dixon Springs Experiment Station.....</i>		<i>\$133 025</i>

**Hatch—Dixon Springs—Pasture Investigations of
Grazing Value of Mixed Legumes and Grasses**

Account Number 21-15-40-302

1. Leslie Maynor, 7411, Building Mechanic.....	N	\$ 4 170
<i>Total, Hatch—Dixon Springs—Pasture Investigations of Grazing Value of Mixed Legumes and Grasses..</i>		<u>\$ 4 170</u>

Hatch—Dixon Springs—Irrigation of Farm Crops

Account Number 21-15-40-319

1. Dee Robinson, 0942, Assistant Farmer.....	N	\$ 4 260
(Perquisites University—lodging)		
<i>Total, Hatch—Dixon Springs—Irrigation of Farm Crops.....</i>		<u>\$ 4 260</u>

**Hatch—Dixon Springs—Production and Maintenance of
Forage Crops**

Account Number 21-15-40-326

1. Wayne E. Speck, 8609, Assistant Laboratory Attendant... ZN50	\$ 1 920
(Total Salary)	(3 840)
<i>Total, Hatch—Dixon Springs—Production and Main- tenance of Forage Crops.....</i>	<u>\$ 1 920</u>

Hatch—Dixon Springs—Pellet vs. Loose Forage Beef

Account Number 21-15-40-329

1. Carl B. Aaron, 0931, Assistant Farmer.....	ZN92	\$ 3 580
<i>Total, Hatch—Dixon Springs—Pellet vs. Loose For- age Beef</i>		<u>\$ 3 580</u>

**Hatch—Dixon Springs—Internal and External Parasites
in Cattle and Sheep**

Account Number 21-15-40-335

1. Lowell W. Phelps, 8210, Assistant Farmer.....	N	\$ 3 600
<i>Total, Hatch—Dixon Springs—Internal and External Parasites in Cattle and Sheep.....</i>		<u>\$ 3 600</u>

**Hatch—Dixon Springs—Silage Made from Component Parts
and the Whole of Various Plants**

Account Number 21-15-40-338

1. John S. Whiteside, 7797, Farm Mechanic.....	N	\$ 3 960
<i>Total, Hatch—Dixon Springs—Silage Made from Component Parts and the Whole of Various Plants</i>		<u>\$ 3 960</u>

Hatch—Dixon Springs—Systems of Feeding Lambs

Account Number 21-15-40-343

1. Victor N. Watson, 8130, Farm Laborer.....	N	\$ 3 600
<i>Total, Hatch—Dixon Springs—Systems of Feeding Lambs</i>		<u>\$ 3 600</u>

**Regional Research Fund—Dixon Springs—Improving
Beef Cattle by Breeding Selection**

Account Number 23-15-40-372

1. Claude E. Parks, 5461, Assistant Farmer.....	N	\$ 3 780
<i>Total, Regional Research Fund—Dixon Springs—Im- proving Beef Cattle by Breeding Selection.....</i>		<u>\$ 3 780</u>

Food Technology
College

Account Number 00-15-50-100

1. Estelle T. Mann, 1111, Clerk-Typist III.....	N	\$ 4 200
2. Maribelle Dean, 1109, Secretary—Stenographic.....	N	4 980
<i>Total, Food Technology (College).....</i>		<u>\$ 9 180</u>

Station**Account Number 00-15-50-300**

1. Ralph J. Getz, 1118, Dairy and Food Plant Attendant....	N	\$ 5 400
2. Hans R. Plischke, 1117, Dairy and Food Plant Attendant..	N	5 160
3. Basil E. Reynolds, 1116, Dairy and Food Plant Attendant..	N	5 160
4. Shirley A. Gamble, 5142, Clerk-Typist II.....	N50	1 560
5. _____, 6501, Clerk-Typist II.....	ZN83	2 600
(Total Salary)		(3 120)
6. _____, 5142, Clerk-Typist II.....	H50	900
7. Reba N. Corray, 1110, Clerk-Typist III.....	N	3 900
Total, Food Technology (Station).....		\$24 680

Cooperative Investigations**AMERICAN DAIRY ASSOCIATION — PROTEIN CHOLESTEROL****Account Number 44-15-50-300**

1. _____, 6501, Clerk-Typist II.....	ZN17	\$ 520
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STATE OF ILLINOIS DEPARTMENT OF AGRICULTURE — CARBOHYDRATE COATING**Account Number 47-15-50-311**

1. _____, 8172, Junior Laboratory Attendant.....	N	\$ 3 840
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Forestry**College****Account Number 00-15-55-100**

1. Sara M. Lieb, 1120, Clerk-Typist III.....	N	\$ 3 900
2. Dorothy E. Hanke, 1119, Secretary — Stenographic.....	N	6 600
Total, Forestry (College).....		\$10 500

Station**Account Number 00-15-55-300**

1. Paul E. Quertermous, 6448, Chief Clerk.....	ZN45	\$ 2 300
(Total Salary)		(5 100)
2. L. Jean Weber, 7949, Clerk-Typist II.....	N	3 180
Total, Forestry (Station).....		\$ 5 480

Hatch — Forestry — Plantations**Account Number 21-15-55-341**

1. Lowell L. Ditterline, 1122, Assistant Farmer.....	N	\$ 3 830
Total, Hatch — Forestry — Plantations		\$ 3 830

Hatch — Forestry — Water Yields from Lake**Account Number 21-15-55-342**

1. Wayne E. Speck, 8609, Assistant Laboratory Attendant...	ZN50	\$ 1 920
(Total Salary)		(3 840)
2. Paul E. Quertermous, 6448, Chief Clerk.....	ZN55	2 800
Total, Hatch — Forestry — Water Yields from Lake....		\$ 4 720

Home Economics**College****Account Number 00-15-60-100**

1. Rose Mary Brown, 6837, Foods Laboratory Assistant....	G50	\$ 1 380
(Nine months)		
2. Bernice Newberry, 1131, Foods Laboratory Assistant.....	N	3 840
3. Dorothy E. Porter, 1125, Clerk III.....	N	4 110
4. Jeanne L. Hafstrom, 1123, Chief Clerk.....	N	6 480
5. Carol E. Huth, 7278, Typing Clerk II.....	N	2 910
6. Peggy D. Foster, 7514, Clerk-Typist I.....	N	2 730
7. Marilyn S. Johnson, 1129, Clerk-Typist II.....	N	2 940

8. Lucy G. Lane, 1130, Clerk-Typist II.....	N	3 000
9. Betty L. McDaniel, 1128, Clerk-Typist II.....	N	3 120
10. Kay E. Walters, 6818, Clerk-Typist II.....	N	3 120
11. Doris L. Hampton, 1126, Clerk-Typist III.....	N	3 420
12. Mary H. Griffet, 1132, Housekeeper.....	N	3 120
<i>Total, Home Economics (College).....</i>		<u>\$40 170</u>

Station**Account Number 00-15-60-300**

1. Lenora Padgett, 7313, Foods Laboratory Assistant.....	N	\$ 3 150
2. Thomas M. Wimmer, Jr., 6929, Distribution Clerk I.....	N	3 900
3. Barbara A. Bremer, 1127, Clerk-Typist III.....	N	3 840
<i>Total, Home Economics (Station).....</i>		<u>\$10 890</u>

Home Economics Cafeteria Revolving**Account Number 12-15-60-212**

1. Beatrice C. Harms, 1142, Foods Laboratory Assistant....	G	\$ 2 460
(Perquisites University — one meal)		
(Nine months)		
2. Clara Jackson, 1141, Foods Laboratory Assistant.....	G	2 610
(Perquisites University — one meal)		
(Nine months)		
3. Lois L. Kiest, 7417, Foods Laboratory Assistant.....	G	2 295
(Perquisites University — one meal)		
(Nine months)		
4. Catherine Montgomery, 1140, Foods Laboratory Assistant. G		2 400
(Perquisites University — one meal)		
(Nine months)		
5. Kathryn I. Van Koten, 1139, Foods Laboratory Assistant. G60		1 285
(Perquisites University — one meal)		
(Nine months)		
<i>Total, Home Economics Cafeteria Revolving.....</i>		<u>\$11 050</u>

Horticulture**College****Account Number 00-15-65-100**

1. Louise M. Fininis, 1143, Chief Clerk.....	N	\$ 6 480
2. Violet M. Metz, 1144, Typing Clerk III.....	N	3 600
3. Doris J. Turner, 1146, Clerk-Typist II.....	N	2 820
<i>Total, Horticulture (College).....</i>		<u>\$12 900</u>

Station**Account Number 00-15-65-300**

1. Willie L. Campbell, 6165, Junior Laboratory Attendant...	N	\$ 4 200
2. Jo Lee Notman, 7121, Senior Laboratory Attendant.....	N	4 920
3. Grace E. Moore, 6244, Typing Clerk II.....	N	2 880
4. Elizabeth J. Mitchell, 1147, Clerk-Typist II.....	N	3 240
5. Edith E. Vetter, 1149, Clerk-Typist II.....	N	3 240
6. Clarence A. Gerber, 1155, Agricultural Gardener Foreman	N	5 340
7. Ernest O. Hart, 1153, Agricultural Gardener Foreman...	N	6 225
8. Ward T. Matthews, 1152, Agricultural Gardener Foreman	N	6 330
9. Walter M. Staszak, 1154, Agricultural Gardener Foreman.	N	6 150
10. Harold McGee, 1151, Supervising Farm Foreman.....	N	6 525
11. Thomas Arie, 1177, Agricultural Gardener.....	N	5 415
12. Bruce O. Barkley, 1164, Agricultural Gardener.....	N	5 370
13. Arthur L. Drummert, 1178, Agricultural Gardener.....	N	5 400
14. Robert C. Chancellor, 1162, Agricultural Gardener.....	N	5 670
15. Leroy Crawford, 1180, Agricultural Gardener.....	N	5 400
16. Clarence G. Davis, 1173, Agricultural Gardener.....	N	5 400
17. Glenn J. Gleason, 1172, Agricultural Gardener.....	N	5 400
18. Ira F. Gudgel, 1168, Agricultural Gardener.....	N	5 400
19. Vernon L. Harris, 1176, Agricultural Gardener.....	N	5 400

20. Charles B. Hughes, 1170, Agricultural Gardener.....	N	5 040
21. Virgil Kesler, 1165, Agricultural Gardener.....	N	5 430
22. Carl H. Mohr, 1171, Agricultural Gardener.....	N	5 400
23. Freal C. Myers, 1166, Agricultural Gardener.....	N	5 400
24. Francis J. Palmisano, 1167, Agricultural Gardener.....	N	5 340
25. Julius F. Reinhart, 1175, Agricultural Gardener.....	N	5 400
26. Garland Riddell, 1169, Agricultural Gardener.....	N	5 400
27. Gordon E. Smith, 1179, Agricultural Gardener.....	N	5 340
28. Stanley E. Bundy, 1160, Cold Storage Operator.....	N	5 415
29. W. E. Clark, 1159, Cold Storage Operator.....	N	5 400
30. J. C. Embry, 1161, Cold Storage Operator and Agricultural Gardener	N	5 415
31. Cornelius J. Rund, 1158, Chief Cold Storage Operator....	N	6 540
<i>Total, Horticulture (Station).....</i>		<u>\$163 425</u>

Plant Pathology**College**

Account Number 00-15-68-100

1. Karen E. Casteel, 7303, Clerk-Typist II.....	N	\$ 3 000
2. M. Arleah Dix, 6551, Secretary—Stenographic.....	N	5 640
<i>Total, Plant Pathology (College).....</i>		<u>\$ 8 640</u>

Station

Account Number 00-15-68-300

1. Ralph F. Shields, 8384, Agricultural Gardener.....	N	\$ 5 040
<i>Total, Plant Pathology (Station).....</i>		<u>\$ 5 040</u>

Hatch—Plant Pathology—Spray Orchard Improvement

Account Number 21-15-68-377

1. Ina M. Knueppel, 1185, Assistant Laboratory Attendant..	N	\$ 3 600
<i>Total, Hatch—Plant Pathology—Spray Orchard Improvement.....</i>		<u>\$ 3 600</u>

Cooperative Investigations

ILLINOIS SEED PRODUCTION—CORN

Account Number 44-15-68-343

1. Donald E. Yates, 8277, Crops Testing Technician.....	ZN50	\$ 2 400
<i>(Total Salary)</i>		<u>(4 800)</u>

U.S. PUBLIC HEALTH SERVICE E2709

Account Number 46-15-68-367

1. Donald E. Yates, 8277, Crops Testing Technician.....	ZN50	\$ 2 400
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Veterinary Research**Station**

Account Number 00-15-70-300

1. Ernest M. Canavan, 1186, Animal Caretaker.....	N	\$ 5 400
<i>(Perquisites University—housing)</i>		
<i>Total, Veterinary Research (Station).....</i>		<u>\$ 5 400</u>

Cooperative Investigations

U.S. ARMY MD728

Account Number 46-15-70-303

1. Leonard D. White, 6746, Animal Caretaker.....	N	\$ 5 400
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Vocational Agriculture**College**

Account Number 00-15-75-100

1. Beverly A. Nickelson, 0915, Clerk-Stenographer II.....	ZN50	\$ 1 890
<i>(Total Salary)</i>		<u>(3 780)</u>
2. Betty J. Cain, 0914, Clerk-Stenographer III.....	N	4 710
3. Guy Hart, 5589, Storekeeper III.....	N	5 625
<i>Total, Vocational Agriculture (College).....</i>		<u>\$12 225</u>

Vocational Agriculture Revolving

Account Number 12-15-75-270

1. Frederick W. Steffen, 8105, Editorial Assistant.....	N	\$ 3 660
2. Beverly A. Nickelson, 0915, Clerk-Stenographer II.....	ZN50	1 890
3. ———, 8027, Duplicating Machine Operator II.....	N50	1 500
<i>Total, Vocational Agriculture Revolving.....</i>		<u>\$ 7 050</u>

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Administration**

Account Number 00-17-01-100

1. Lois A. Dallas, 1519, Chief Clerk.....	N	\$ 5 820
2. Judith Ann Ziemer, 1517, Typing Clerk II.....	N	3 000
3. Lorna M. Scheyer, 7155, Typing Clerk III.....	N	3 600
4. Marjorie M. Clementz, 5350, Clerk-Stenographer III.....	N	3 780
5. Karen A. Earp, 1513, Clerk-Stenographer III.....	N	4 140
6. ———, 1512, Clerk-Stenographer III.....	N	4 020
7. Ida M. Boulter, 5110, Secretary — Stenographic.....	N	4 800
8. Marie E. Pflugmacher, 6512, Secretary — Stenographic... N		4 860
9. Vera M. Sands, 7327, Secretary — Stenographic.....	N	4 920
10. L. Winifred Coatney, 7668, Secretary — Transcribing.....	N	4 680
<i>Total, Administration</i>		<u>\$43 620</u>

Accountancy

Account Number 00-17-05-100

1. ———, 7703, Clerk-Stenographer II.....	N50	\$ 1 500
2. ———, 1521, Clerk-Stenographer II.....	N	3 000
3. ———, Clerk-Stenographer III.....	N	3 600
4. Mildred B. Brumfield, 1520, Secretary — Stenographic... N		6 600
<i>Total, Accountancy</i>		<u>\$14 700</u>

Business Education

Account Number 00-17-10-100

1. Eva M. Boudreau, 1515, Clerk-Stenographer II.....	N	\$ 3 000
<i>Total, Business Education.....</i>		<u>\$ 3 000</u>

Economics

Account Number 00-17-20-100

1. ———, 5687, Clerk-Stenographer II.....	N	\$ 3 270
2. Wanda L. Higgs, 7490, Clerk-Stenographer III.....	N	3 870
3. Ivis R. Nasir, 1514, Clerk-Typist III.....	N	3 570
4. ———, Clerk-Typist III.....	N	3 600
5. Helen Ann Godfrey, 1522, Secretary — Stenographic.....	N	6 600
<i>Total, Economics</i>		<u>\$20 910</u>

Finance

Account Number 00-17-22-100

1. Mary P. Sudduth, 5801, Secretary — Steuographic.....	N	\$ 6 600
<i>Total, Finance</i>		<u>\$ 6 600</u>

Cooperative Investigations

STATE OF ILLINOIS DIVISION OF HIGHWAYS — IMPACT ON URBAN REAL ESTATE

Account Number 47-17-22-341

1. Gudruu A. Beaman, 7968, Clerk-Typist II.....	N50	\$ 1 800
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Graduate School of Business Administration

Account Number 00-17-23-100

1. Barbara L. Brantner, 8379, Clerk-Typist III.....	N	\$ 3 420
<i>Total, Graduate School of Business Administration.....</i>		<u>\$ 3 420</u>

Management

Account Number 00-17-25-100

1. Margaret R. Taylor, 8310, Clerk-Stenographer I.....	N	\$ 2 880
2. Carol A. Watts, 1511, Clerk-Stenographer III.....	N	4 020
<i>Total, Management</i>		\$ 6 900

Marketing

Account Number 00-17-30-100

1. ———, Clerk-Stenographer II.....	N	\$ 3 000
2. Helen S. McFarland, 1516, Secretary — Stenographic.....	N	5 070
<i>Total, Marketing</i>		\$ 8 070

Bureau of Economic and Business Research

Account Number 00-17-35-300

1. Deloris J. Ricketts, 1525, Clerk-Stenographer II.....	N	\$ 3 060
2. Bernita A. Fruhling, 1526, Clerk-Typist II.....	N	2 640
3. Bette O. Hulmes, 1523, Secretary — Stenographic.....	N	4 800
<i>Total, Bureau of Economic and Business Research</i>		\$10 500

Cooperative Investigations

FORD FOUNDATION — CONSUMER SAVINGS

Account Number 44-17-35-327

1. Anne M. Grossmann, 8337, Clerk III.....	H	\$ 4 000
2. Charlene Hassell, 7645, Clerk-Stenographer II.....	H	3 600
<i>Total, Ford Foundation — Consumer Savings</i>		\$ 7 600

Bureau of Business Management

Account Number 00-17-40-400

1. Linda L. Robinson, 1530, Clerk-Stenographer I.....	N	\$ 3 000
2. Elsa L. Singbusch, 1528, Secretary — Stenographic.....	N	5 520
<i>Total, Bureau of Business Management</i>		\$ 8 520

Business Management Revolving

Account Number 12-17-40-470

1. Dolores A. Torsberg, 5904, Clerk-Typist II.....	N50	\$ 1 440
<i>Total, Business Management Revolving</i>		\$ 1 440

COLLEGE OF EDUCATION**Administration**

Account Number 00-20-01-100

1. ———, Chief Clerk.....	N	\$ 4 500
2. Jeanette Bialeschki, 1534, Clerk-Typist III.....	N	4 260
3. Margaret L. Ford, 1533, Clerk-Typist III.....	N	4 080
4. Shirley A. Fryer, 1532, Clerk-Typist III.....	N	4 020
5. Betty A. Richards, 1531, Administrative Secretary — Stenographic.....	N	8 350
<i>Total, Administration</i>		\$25 210

Agricultural Education

Account Number 00-20-05-100

1. Judith P. Turner, 1535, Clerk-Typist III.....	N	\$ 3 600
<i>Total, Agricultural Education</i>		\$ 3 600

Education

Account Number 00-20-10-100

1. Barbara A. Bergan, 5615, Editorial Assistant.....	N50	\$ 2 000
2. Julia M. Snyder, 1536, Chief Clerk.....	N	6 450
3. Clela A. Conerty, 6689, Clerk-Typist II.....	ZN50	1 500
(Total Salary)		(3 000)
4. Juanita M. Foster, 7222, Clerk-Typist II.....	N	3 300
5. Mildred E. Karva, 5523, Clerk-Typist II.....	N	3 180

6. Sally A. Parsons, 1546, Clerk-Typist II.....	N	2 760
7. ———, 1543, Clerk-Typist II.....	N	3 600
8. Geraldine B. Evans, 1545, Clerk-Typist III.....	N50	2 040
9. Lavena M. George, 1541, Clerk-Typist III.....	N	3 300
10. Joyce A. Hagglund, 7844, Clerk-Typist III.....	N	3 660
11. Sharon J. Hartman, 1538, Clerk-Typist III.....	N	4 080
12. Martha N. McDuffee, 8483, Clerk-Typist III.....	N	3 600
13. Evelyn L. Stewart, 6797, Clerk-Typist III.....	N	4 080
14. Nina C. Hamrick, 1540, Secretary — Transcribing.....	N	5 150
15. Ruth M. Taylor, 1537, Secretary — Transcribing.....	ZN50	2 415
(Total Salary)		(4 830)
Total, Education		\$51 115

Cooperative Investigations**U.S. OFFICE OF VOCATIONAL REHABILITATION G-5**

Account Number 46-20-10-116

1. Clea A. Conerty, 6689, Clerk-Typist II.....	ZN50	\$ 1 500
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U.S. NATIONAL SCIENCE FOUNDATION G13906

Account Number 46-20-10-355

1. Nancy H. Stone, 8411, Clerk-Typist III.....	N	\$ 3 840
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U.S. OFFICE OF EDUCATION 711145.01

Account Number 46-20-10-359

1. Stella M. Calle, 7987, Clerk-Typist III.....	N	\$ 3 930
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U.S. OFFICE OF EDUCATION 7-11-038.00

Account Number 46-20-10-360

1. Eileen A. Tobey, 8199, Clerk-Typist III.....	N50	\$ 1 800
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University Council on Teacher Education**Administration**

Account Number 00-20-25-100

1. Sandra K. Cheeseman, 1551, Clerk-Stenographer III....	N	\$ 3 780
2. ———, 1550, Clerk-Typist III.....	N	3 300
3. Kazuko S. Shimooka, 1549, Secretary — Stenographic....	N	6 870

Total, Administration

\$13 950

Placement and Follow-Up

Account Number 00-20-30-100

1. Mary F. Mauk, 1553, Administrative Clerk.....	N	\$ 8 150
2. Donna Jean Hoch, 6747, Clerk-Typist I.....	N	2 790
3. Sandra D. Conway, 1557, Clerk-Typist III.....	N	3 450
4. Marion J. Jung, 1556, Clerk-Typist III.....	N	3 780
5. Orlena M. Welch, 1554, Clerk-Typist III.....	N	3 850
6. Betty A. Goldenstein, 1555, Secretary — Stenographic....	N	4 830

Total, Placement and Follow-Up.....

\$26 850

University High School

Account Number 00-20-45-200

1. Marguerite Thompson, 1561, Clerk-Typist II.....	N	\$ 3 150
2. ———, 1560, Clerk-Typist II.....	N	2 850
3. C. Peggy Grove, 1559, Clerk-Typist III.....	H	3 060

(Nine months)

4. Audrey L. Munger, 1558, Secretary — Stenographic.....	N	4 950
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Total, University High School.....

\$14 010

Cooperative Investigations**CARNEGIE INSTITUTE — COOPERATIVE PROGRAMS IN ARITHMETIC**

Account Number 44-20-45-310

1. Sally S. Iwai, 7789, Clerk-Typist II.....	N	\$ 3 540
2. Karen L. Bluhm, 7620, Secretary — Stenographic.....	N	4 890

Total, Carnegie Institute — Cooperative Programs in

Arithmetic

\$ 8 430

CARNEGIE INSTITUTE — COOPERATIVE PROGRAMS IN MATHEMATICS
 Account Number 44-20-45-312

1. Hilary J. Johnson, 7481, Clerk-Typist III.....	N	\$ 3 300
2. Marilyn E. McKinney, 6793, Clerk-Typist III.....	N	4 200
3. _____, 7982, Clerk-Typist III.....	N	3 600
4. E. June Harris, 6723, Secretary — Transcribing.....	N	4 860
<i>Total, Carnegie Institute — Cooperative Programs in Mathematics.....</i>		<i>\$15 960</i>

NATIONAL EDUCATIONAL TELEVISION AND RADIO CENTER — MATHEMATICS STUDY
 Account Number 44-20-45-321

1. Dorothe N. Moore, 7559, Clerk-Typist II.....	N	\$ 3 030
2. Roberta A. May, 6132, Clerk-Typist III.....	N	3 600
<i>Total, National Educational Television and Radio Center — Mathematics Study</i>		<i>\$ 6 630</i>

U.S. NATIONAL SCIENCE FOUNDATION G16382
 Account Number 46-20-45-154

1. Marcie Foster, 7853, Clerk-Typist III.....	N	\$ 4 080
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Bureau of Educational Research
General

Account Number 00-20-50-300

1. Joyce F. Fasnacht, 1564, Clerk-Typist III.....	N	\$ 3 720
2. Nesbit R. Siems, 1563, Clerk-Typist III.....	N	3 480
3. Mary L. Stahlke, 1566, Clerk-Typist III.....	N	3 480
4. Ann V. Perkins, 1562, Secretary — Stenographic.....	N	5 460
<i>Total, Bureau of Educational Research — General.....</i>		<i>\$16 140</i>

Cooperative Investigations

U.S. OFFICE OF EDUCATION SAE 8894

Account Number 46-20-50-361

1. Marilyn M. Saathoff, 7710, Typing Clerk II.....	N	\$ 2 850
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Evaluation

Account Number 00-20-60-400

1. Phyllis J. Boswell, 1571, Card Punch Operator II.....	N	\$ 3 060
2. _____, 1569, Card Punch Operator II.....	N	2 760
3. Lois M. Williamson, 1568, Secretary — Stenographic.....	N	6 470
<i>Total, Evaluation</i>		<i>\$12 290</i>

EDUCATIONAL TESTING REVOLVING

Account Number 12-20-60-482

1. Ruth B. Rank, 1574, Clerk II.....	N	\$ 3 360
2. Arlene L. Schwartz, 1570, Clerk-Stenographer II.....	N	3 570
<i>Total, Educational Testing Revolving.....</i>		<i>\$ 6 930</i>

Institute for Research on Exceptional Children

Account Number 00-20-70-300

1. Marjorie J. Defries, 5319, Secretary — Stenographic.....	N	\$ 4 920
<i>Total, Institute for Research on Exceptional Children..</i>		<i>\$ 4 920</i>

Cooperative Investigations

CEREBRAL PALSY ASSOCIATION — LANGUAGE PREPARATORY SCHOOL

Account Number 44-20-70-312

1. Sharon B. Cook, 6472, Clerk-Typist III.....	ZN50	\$ 1 755
<i>(Total Salary)</i>		<i>(3 510)</i>

U.S. OFFICE OF EDUCATION SAE 8204

Account Number 46-20-70-316

1. Barbara J. Gawthorp, 6449, Clerk-Typist II.....	N	\$ 3 300
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U.S. OFFICE OF EDUCATION SAE 8370

Account Number 46-20-70-360

- | | | |
|--|---|----------|
| 1. Cecile S. Margulies, 7738, Clerk-Typist II..... | N | \$ 3 150 |
|--|---|----------|

U.S. OFFICE OF EDUCATION SAE 8969

Account Number 46-20-70-361

- | | | |
|---|------|----------|
| 1. Martha L. Lovelace, 7951, Clerk-Typist II..... | N | \$ 3 360 |
| 2. _____, 8428, Clerk-Typist II..... | ZN50 | 1 560 |
| (Total Salary) | | (3 120) |
| Total, U.S. Office of Education SAE 8969..... | | \$ 4 920 |

U.S. PUBLIC HEALTH SERVICE M3207

Account Number 46-20-70-364

- | | | |
|--|------|----------|
| 1. Sharon B. Cook, 6472, Clerk-Typist III..... | ZN50 | \$ 1 755 |
|--|------|----------|

STATE DEPARTMENT OF PUBLIC WELFARE PROJECT 1766

Account Number 47-20-70-363

- | | | |
|--------------------------------------|------|----------|
| 1. _____, 8428, Clerk-Typist II..... | ZN50 | \$ 1 560 |
|--------------------------------------|------|----------|

COLLEGE OF ENGINEERING**Administration****College**

Account Number 00-22-01-100

- | | | |
|---|---|----------|
| 1. Hazel S. Ruffner, 1251, Clerk III..... | N | \$ 4 560 |
| 2. Ramona L. Huber, 1243, Chief Clerk..... | N | 6 540 |
| 3. Harriet A. Brewer, 6874, Typing Clerk I..... | N | 2 700 |
| 4. Janice L. Belmont, 7156, Clerk-Typist II..... | N | 2 850 |
| 5. Frances L. Pittman, 1250, Clerk-Typist II..... | N | 2 880 |
| 6. Eileen Place, 1247, Clerk-Typist III..... | N | 3 600 |
| 7. Pauline V. Chapman, 6450, Placement Officer..... | N | 8 500 |
| 8. Theresa M. Rennier, 7449, Tabulating Machine Operator II..... | N | 3 900 |
| 9. Verna L. Finder, 1244, Secretary — Stenographic..... | N | 5 310 |
| 10. Darlene Richey, 1245, Secretary — Stenographic..... | N | 4 650 |
| 11. Beulah M. Bevis, 1242, Administrative Secretary — Stenographic..... | N | 8 300 |
| Total, Administration (College)..... | | \$53 790 |

Station

Account Number 00-22-01-300

- | | | |
|---|---|----------|
| 1. Beverly L. Coulter, 1249, Clerk-Typist III..... | N | \$ 3 300 |
| 2. David C. Hunter, 5218, Technical Draftsman-Illustrator II..... | N | 8 300 |
| 3. Annabelle Compton, 1248, Secretary — Transcribing..... | N | 6 220 |
| 4. Kathryn C. Jordan, 1246, Secretary — Transcribing..... | N | 5 190 |
| Total, Administration (Station)..... | | \$23 010 |

Aeronautical and Astronautical Engineering**College**

Account Number 00-22-05-100

- | | | |
|--|---|----------|
| 1. Elaine Chenoweth, 7207, Clerk-Typist II..... | N | \$ 3 150 |
| 2. Mary L. Klutho, 1263, Clerk-Typist II..... | N | 3 180 |
| 3. Raymond F. Brewer, 1261, Instrument Maker..... | N | 7 284 |
| 4. Herbert E. Klage, 1260, Instrument Maker..... | N | 7 284 |
| 5. Thomas M. O'Connor, 1258, Instrument Maker..... | N | 7 284 |
| 6. Paul R. Tabaka, 1257, Instrument Maker..... | N | 7 284 |
| 7. Vincent P. Oakes, 1259, Senior Laboratory Mechanic..... | N | 6 762 |
| 8. Dorothy E. Nugent, 1262, Secretary — Transcribing..... | N | 5 280 |
| Total, Aeronautical and Astronautical Engineering (College)..... | | \$47 508 |

Ceramic Engineering**College**

Account Number 00-22-10-100

- | | | |
|--|---|----------|
| 1. _____, 7126, Clerk-Typist II..... | N | \$ 3 240 |
| 2. George W. Conlee, 1264, Potter..... | N | 7 017 |

3. Dorothy B. Woods, 1266, Secretary — Stenographic.....	N	6 150
4. James R. Walsh, 1267, Storekeeper II.....	N	5 520
<i>Total, Ceramic Engineering (College).....</i>		<u>\$21 927</u>

Indirect Costs — Ceramic Engineering

Account Number 40-22-10-300

1. William E. Schaede, 1269, Ceramic Engineering Technician	ZN25	\$ 1 200
(Total Salary)		(4 800)
<i>Total, Indirect Costs — Ceramic Engineering.....</i>		<u>\$ 1 200</u>

Cooperative Investigations

BENDIX AVIATION — CERAMETALLIC

Account Number 44-22-10-306

1. _____, 7051, Clerk-Stenographer II.....	ZN25	\$ 780
(Total Salary)		(3 120)

GRIFFIN WHEEL COMPANY — STEEL CASTING REFRACTORIES

Account Number 44-22-10-332

1. _____, 7051, Clerk-Stenographer II.....	ZN25	\$ 780
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U.S. AIR FORCE 7978

Account Number 46-22-10-306

1. Marjorie A. Stortzum, 1270, Clerk-Stenographer II.....	ZN50	\$ 1 590
(Total Salary)		(3 180)
2. William E. Schaede, 1269, Ceramic Engineering Technician.....	ZN35	1 680
<i>Total, U.S. Air Force 7978.....</i>		<u>\$ 3 270</u>

U.S. AIR FORCE 6283

Account Number 46-22-10-311

1. Marjorie A. Stortzum, 1270, Clerk-Stenographer II.....	ZN50	\$ 1 590
2. William E. Schaede, 1269, Ceramic Engineering Technician.....	ZN40	1 920
<i>Total, U.S. Air Force 6283.....</i>		<u>\$ 3 510</u>

U.S. ATOMIC ENERGY COMMISSION 915

Account Number 46-22-10-315

1. _____, 7051, Clerk-Stenographer II.....	ZN25	\$ 780
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U.S. ARMY ORDNANCE 3467

Account Number 46-22-10-317

1. _____, 7051, Clerk-Stenographer II.....	ZN25	\$ 780
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Chemical Engineering

Station

Account Number 00-22-15-300

1. Patsy S. Beard, 8006, Clerk-Stenographer II.....	ZN26	\$ 780
(Total Salary)		(3 000)
2. Marjorie L. Honn, 1271, Secretary — Stenographic.....	N	5 700
<i>Total, Chemical Engineering (Station).....</i>		<u>\$ 6 480</u>

Cooperative Investigations

AMERICAN CHEMICAL SOCIETY — STIRRED REACTOR

Account Number 44-22-15-303

1. Patsy S. Beard, 8006, Clerk-Stenographer II.....	ZN4	\$ 120
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U.S. ATOMIC ENERGY COMMISSION PROJECT 5

Account Number 46-22-15-308

1. Patsy S. Beard, 8006, Clerk-Stenographer II.....	ZN4	\$ 120
2. Walter W. Demlow, 1272, Senior Laboratory Mechanic..	ZN50	3 452
(Total Salary)		(6 905)
<i>Total, U.S. Atomic Energy Commission Project 5.....</i>		<u>\$ 3 572</u>

U.S. ATOMIC ENERGY COMMISSION 276

Account Number 46-22-15-310

- | | | |
|---|-----|--------|
| 1. Patsy S. Beard, 8006, Clerk-Stenographer II..... | ZN4 | \$ 120 |
|---|-----|--------|

U.S. NATIONAL SCIENCE FOUNDATION G14788

Account Number 46-22-15-352

- | | | |
|---|-----|--------|
| 1. Patsy S. Beard, 8006, Clerk-Stenographer II..... | ZN4 | \$ 120 |
|---|-----|--------|

U.S. NATIONAL SCIENCE FOUNDATION G11047

Account Number 46-22-15-355

- | | | |
|---|-----|--------|
| 1. Patsy S. Beard, 8006, Clerk-Stenographer II..... | ZN4 | \$ 120 |
|---|-----|--------|

U.S. NATIONAL SCIENCE FOUNDATION G10164

Account Number 46-22-15-356

- | | | |
|---|-----|--------|
| 1. Patsy S. Beard, 8006, Clerk-Stenographer II..... | ZN4 | \$ 120 |
|---|-----|--------|

Civil Engineering**College**

Account Number 00-22-20-100

- | | | |
|---|------|----------|
| 1. Richard E. Shipley, 7122, Equipment Attendant..... | N | \$ 4 740 |
| 2. Helen M. Russell, 1285, Clerk III..... | N | 4 200 |
| 3. Kathleen Beatty, 6661, Clerk-Stenographer I..... | N | 3 000 |
| 4. Mary A. Speck, 1296, Clerk-Stenographer II..... | ZN25 | 945 |
| (Total Salary) | | (3 780) |
| 5. _____, 8374, Clerk-Stenographer II..... | N | 3 000 |
| 6. _____, 5686, Clerk-Stenographer III..... | ZN25 | 945 |
| (Total Salary) | | (3 780) |
| 7. Carol L. Krukewitt, 1283, Clerk-Typist II..... | N | 2 700 |
| 8. Beverly J. Frederick, 1282, Clerk-Typist III..... | N | 4 740 |
| 9. Anna L. Thompson, 7870, Clerk-Typist III..... | N | 4 200 |
| 10. Beverly J. Walter, 1300, Clerk-Typist III..... | N | 3 600 |
| 11. Doyne H. Proudfoot, 1278, Secretary — Stenographic..... | N | 7 200 |
| Total, Civil Engineering (College)..... | | \$39 270 |

Station

Account Number 00-22-20-300

- | | | |
|---|------|----------|
| 1. Elza E. Rice, 1279, Senior Laboratory Attendant..... | N | \$ 5 505 |
| 2. Cathryn J. Johnson, 5124, Clerk-Typist II..... | N50 | 1 800 |
| 3. Hurshel R. Bryant, 1276, Instrument Maker..... | N | 7 704 |
| 4. Owen H. Ray, 1275, Instrument Maker..... | N | 7 674 |
| 5. Paul F. Douglas, 6105, Senior Laboratory Mechanic..... | N | 6 792 |
| 6. N. Miles Norton, 1277, Senior Laboratory Mechanic..... | N | 6 792 |
| 7. Lois G. Menefee, 1281, Secretary — Stenographic..... | N | 4 800 |
| 8. David F. Lange, 1274, Research Laboratory Shop Supervisor | N | 8 130 |
| 9. Wayne I. Trowbridge, 7846, Traffic Control and Measure Technician..... | ZN50 | 2 820 |
| (Total Salary) | | (5 640) |
| Total, Civil Engineering (Station)..... | | \$52 017 |

Civil Engineering Testing Revolving

Account Number 12-22-20-384

- | | | |
|--|------|----------|
| 1. Kenneth T. Rominger, 6928, Storekeeper I..... | ZN50 | \$ 2 100 |
| (Total Salary) | | (4 200) |
| Total, Civil Engineering Testing Revolving..... | | \$ 2 100 |

Civil Engineering — United States Steel Welded Joints Revolving

Account Number 12-22-20-386

- | | | |
|--|------|----------|
| 1. Tommy A. Percival, 7663, Duplicating Machine Operator III..... | ZN50 | \$ 2 700 |
| (Total Salary) | | (5 400) |
| 2. John R. Williams, 8444, Laboratory Welder I..... | N | 5 850 |
| Total, Civil Engineering — United States Steel Welded Joints Revolving | | \$ 8 550 |

Cooperative Investigations**CATERPILLAR TRACTOR COMPANY — U-SHAPED MEMBERS**

Account Number 44-22-20-310

- | | | |
|--|------|----------|
| 1. William J. Bushouse, 8722, Electronics Technician II..... | ZN50 | \$ 2 550 |
| (Total Salary) | | (5 100) |

ENGINEERING FOUNDATION — STRUCTURAL JOINTS

Account Number 44-22-20-322

- | | | |
|--|-----|----------|
| 1. ———, 7390, Duplicating Machine Operator II..... | N50 | \$ 1 500 |
|--|-----|----------|

GREGORY INDUSTRIES, INC. — WELDED STUDS

Account Number 44-22-20-333

- | | | |
|--|------|-----------------|
| 1. Mary E. Cox, 7321, Clerk-Typist II..... | ZN50 | \$ 1 620 |
| (Total Salary) | | (3 240) |
| 2. Wyck E. McKenzie, 1291, Junior Laboratory Mechanic.... | ZN50 | 3 060 |
| (Total Salary) | | (6 120) |
| 3. ———, 8514, Junior Laboratory Mechanic..... | ZN50 | 2 730 |
| (Total Salary) | | (5 460) |
| <i>Total, Gregory Industries, Inc. — Welded Studs.....</i> | | <i>\$ 7 410</i> |

NATIONAL STEEL CORPORATION — N-A-XTRA JOINTS

Account Number 44-22-20-356

- | | | |
|--|------|-----------------|
| 1. Virginia L. Rhoades, 7883, Clerk-Typist III..... | ZN50 | \$ 1 890 |
| (Total Salary) | | (3 780) |
| 2. Emmett E. Kirby, 5322, Senior Laboratory Mechanic..... | ZN50 | 3 396 |
| (Total Salary) | | (6 792) |
| <i>Total, National Steel Corporation — N-A-Xtra Joints..</i> | | <i>\$ 5 286</i> |

VARIOUS DONORS — LIME POZZOLAN

Account Number 44-22-20-391

- | | | |
|--|------|----------|
| 1. William J. Bushouse, 8722, Electronics Technician II..... | ZN50 | \$ 2 550 |
|--|------|----------|

WELDING RESEARCH COUNCIL — WELDING PROCEDURE

Account Number 44-22-20-394

- | | | |
|--|------|-----------------|
| 1. Tommy A. Percival, 7663, Duplicating Machine Operator III | ZN50 | \$ 2 700 |
| 2. Wayne E. Jowasky, 5990, Electronics Technician II..... | ZN50 | 2 880 |
| (Total Salary) | | (5 760) |
| <i>Total, Welding Research Council — Welding Procedure</i> | | <i>\$ 5 580</i> |

U.S. AIR FORCE 2876

Account Number 46-22-20-307

- | | | |
|---|------|-----------------|
| 1. Delbert E. McCulley, 1302, Laboratory Manager..... | ZN25 | \$ 2 550 |
| (Total Salary) | | (10 200) |
| 2. Robert D. Metz, Senior Laboratory Mechanic..... | N | 6 792 |
| 3. Wayne E. Jowasky, 5990, Electronics Technician II..... | ZN50 | 2 880 |
| <i>Total, U.S. Air Force 2876.....</i> | | <i>\$12 222</i> |

U.S. AIR FORCE 42393

Account Number 46-22-20-310

- | | | |
|--|------|----------|
| 1. Barbara N. Hardy, 7638, Clerk-Typist III..... | ZN50 | \$ 1 890 |
| (Total Salary) | | (3 780) |

U.S. BUREAU OF PUBLIC ROADS, DEPARTMENT OF COMMERCE — FLEXURAL FATIGUE

Account Number 46-22-20-314

- | | | |
|--|---|-----------------|
| 1. Irma J. Scheer, 7644, Clerk-Typist III..... | N | \$ 3 780 |
| 2. Walter Monical, 1294, Junior Laboratory Mechanic..... | N | 6 120 |
| 3. Everett Crawford, 1290, Laboratory Welder II..... | N | 6 450 |
| <i>Total, U.S. Bureau of Public Roads, Department of Commerce — Flexural Fatigue</i> | | <i>\$16 350</i> |

U.S. AIR FORCE 2151

Account Number 46-22-20-317

- | | | |
|---|------|----------|
| 1. ———, 7408, Typing Clerk II..... | N | \$ 2 880 |
| 2. Delbert E. McCulley, 1302, Laboratory Manager..... | ZN25 | 2 550 |

3. Louis J. Mesker, 1293, Senior Laboratory Mechanic.....	ZN50	3 411
(Total Salary)		(6 822)
Total, U.S. Air Force 2151.....		\$ 8 841
U.S. AIR FORCE 2390		
Account Number 46-22-20-319		
1. Virginia L. Carr, 1288, Clerk-Typist III.....	ZN50	\$ 1 980
(Total Salary)		(3 960)
U.S. AIR FORCE 4508		
Account Number 46-22-20-320		
1. Sherman D. Suter, 7206, Clerk-Stenographer II.....	N50	\$ 1 950
U.S. ACADEMY OF SCIENCE—Aasho Road Tests		
Account Number 46-22-20-345		
1. Barbara N. Hardy, 7638, Clerk-Typist III.....	ZN50	\$ 1 890
U.S. BUREAU YARDS DOCK NBY 24976		
Account Number 46-22-20-346		
1. Sandra R. Rothery, 1284, Clerk-Typist II.....	ZN50	\$ 1 530
(Total Salary)		(3 060)
2. Emmett E. Kirby, 5322, Senior Laboratory Mechanic.....	ZN50	3 396
Total, U.S. Bureau Yards Dock NBY 24976.....		\$ 4 926
U.S. NATIONAL SCIENCE FOUNDATION G6572		
Account Number 46-22-20-352		
1. Virginia L. Rhoades, 7883, Clerk-Typist III.....	ZN50	\$ 1 890
U.S. NATIONAL SCIENCE FOUNDATION G10503		
Account Number 46-22-20-354		
1. Sandra R. Rothery, 1284, Clerk-Typist II.....	ZN50	\$ 1 530
2. ———, 8314, Clerk-Typist II.....	N50	1 260
3. Delbert H. Laws, 5212, Senior Laboratory Mechanic.....	N	6 792
Total, U.S. National Science Foundation G10503.....		\$ 9 582
U.S. N.O.B.S. 77008		
Account Number 46-22-20-361		
1. Virginia L. Carr, 1288, Clerk-Typist III.....	ZN50	\$ 1 980
2. Kenneth T. Rominger, 6928, Storekeeper I.....	ZN50	2 100
3. Harold H. Dalrymple, 6618, Electronics Technician II....	ZN50	3 240
(Total Salary)		(6 480)
Total, U.S. N.O.B.S. 77008.....		\$ 7 320
U.S. N.O.B.S. 77137		
Account Number 46-22-20-362		
1. Mary E. Cox, 7321, Clerk-Typist II.....	ZN50	\$ 1 620
2. Delbert E. McCulley, 1302, Laboratory Manager.....	ZN25	2 550
3. ———, 8514, Junior Laboratory Mechanic.....	ZN50	2 730
4. Glenn E. Rymer, 1299, Senior Laboratory Mechanic.....	N	6 822
5. Harold H. Dalrymple, 6618, Electronics Technician II....	ZN50	3 240
Total, U.S. N.O.B.S. 77137.....		\$16 962
U.S. OFFICE OF NAVAL RESEARCH 1834-03		
Account Number 46-22-20-369		
1. Linda K. Bachert, 7531, Clerk-Stenographer I.....	N	\$ 2 700
U.S. PUBLIC HEALTH SERVICE RG 6560		
Account Number 46-22-20-373		
1. Wanda M. Olsen, 6167, Clerk-Typist II.....	N50	\$ 1 800
STATE OF ILLINOIS DIVISION OF HIGHWAYS—BRIDGE IMPACT		
Account Number 47-22-20-307		
1. Rena E. Runyan, 7845, Statistical Clerk.....	ZN50	\$ 1 770
(Total Salary)		(3 540)
2. Donna L. Flessner, 8415, Clerk-Stenographer III.....	N50	1 890
Total, State of Illinois Division of Highways—Bridge Impact.....		\$ 3 660

STATE OF ILLINOIS DIVISION OF HIGHWAYS — HIGHWAY MEDIANS

Account Number 47-22-20-336

1. Dorothy J. Burright, 6796, Clerk-Typist II.....	ZN50	\$ 1 800
(Total Salary)		(3 600)

STATE OF ILLINOIS DIVISION OF HIGHWAYS — HIGHWAY PROBLEMS

Account Number 47-22-20-338

1. ———, 5686, Clerk-Stenographer III.....	ZN75	\$ 2 835
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STATE OF ILLINOIS DIVISION OF HIGHWAYS — PRESTRESSED BRIDGES

Account Number 47-22-20-367

1. Delbert E. McCulley, 1302, Laboratory Manager.....	ZN25	\$ 2 550
2. Wyck E. McKenzie, 1291, Junior Laboratory Mechanic....	ZN50	3 060

Total, State of Illinois Division of Highways — Prestressed Bridges \$ 5 610

STATE OF ILLINOIS DIVISION OF HIGHWAYS — RIVETED BOLTED JOINTS

Account Number 47-22-20-374

1. Rena E. Runyan, 7845, Statistical Clerk.....	ZN50	\$ 1 770
2. Louis J. Mesker, 1293, Senior Laboratory Mechanic.....	ZN50	3 411

Total, State of Illinois Division of Highways — Riveted Bolted Joints \$ 5 181

STATE OF ILLINOIS DIVISION OF HIGHWAYS — SOIL AGGREGATE

Account Number 47-22-20-379

1. Dorothy J. Burright, 6796, Clerk-Typist II.....	ZN50	\$ 1 800
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STATE OF ILLINOIS DIVISION OF HIGHWAYS — SOIL MAPPING

Account Number 47-22-20-382

1. Mary A. Speck, 1296, Clerk-Stenographer II.....	ZN75	\$ 2 835
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STATE OF ILLINOIS DIVISION OF HIGHWAYS —

VEHICULAR SPEED REGULATION

Account Number 47-22-20-386

1. Judy K. Hodges, 7320, Clerk-Stenographer III.....	ZN85	\$ 3 315
(Total Salary)		(3 900)

STATE OF ILLINOIS DIVISION OF HIGHWAYS —

WELDED HIGHWAY STRUCTURES

Account Number 47-22-20-391

1. Theresa J. Martin, 7643, Clerk-Typist III.....	N	\$ 3 300
2. Walter F. Wilsky, 1289, Senior Laboratory Mechanic....	N	6 792
3. Donald F. Jensen, 8748, Duplicating Machine Operator III N		4 500

Total, State of Illinois Division of Highways — Welded Highway Structures \$14 592

Coordinated Science Laboratory

U.S. Army Signal Corps 85122

Account Number 46-22-22-310

1. Nancy L. Klein, 5475, Cost Accountant I.....	N	\$ 4 800
2. Ernest H. Neff, 6646, Electronics Engineering Assistant..	N	8 340
3. ———, 7046, Electronics Engineering Assistant....	N	6 300
4. Earl E. Rumbaugh, 1423, Laboratory Program Administrative Assistant	N	9 000
5. Neil T. Powers, 5462, Research Engineering Assistant... N		7 740
6. ———, 7045, Research Engineering Assistant..... N		6 300
7. Robert E. Potter, 7761, Accounting Clerk I.....	N	4 140
8. ———, 5501, Library Clerk II.....	N	3 360
9. Patricia A. Lockhart, 1426, Clerk-Stenographer III..... N		3 720
10. Bonnie L. Schulze, 4976, Clerk-Stenographer III..... N		4 140
11. Ina S. Werner, 5485, Clerk-Stenographer III.....	N	4 080
12. ———, 5280, Clerk-Typist II.....	N	3 480
13. Julia K. Berger, 5453, Clerk-Typist III.....	N	4 380
14. Rosemary E. McDonald, 1425, Clerk-Typist III.....	N	3 660
15. Aubrey F. Tewes, 8264, Engineering Draftsman I.....	N	4 800
16. Robert F. MacFarlane, 5392, Engineering Draftsman II.. N		7 680

17. Lawrence R. Hampel, 8390, Glass Blower I, Trainee.....	N	3 900
18. Carl E. Kling, 7734, Glass Blower II.....	ZN50	4 350
(Total Salary)		(8 700)
19. Kenneth E. Merritt, 1434, Instrument Maker.....	N	7 674
20. Robert L. Zackery, 1440, Instrument Maker.....	N	7 674
21. David L. Laker, 8721, Junior Laboratory Mechanic.....	N	5 520
22. William E. Beaulin, 7467, Senior Laboratory Mechanic... N		6 762
23. George A. Bouck, Jr., 8773, Senior Laboratory Mechanic. N		6 360
24. Harley M. Tenbrook, 1439, Senior Laboratory Mechanic.. N		6 792
25. William T. Fillman, 5272, Photographer II.....	N	5 280
26. Sherry Luing, 1441, Secretary—Stenographic.....	N	5 160
27. Clayborn M. Lofton, 5233, Storekeeper II.....	N	5 040
28. Charles E. Drews, 1428, Storekeeper III.....	N	5 565
29. Grant W. Cooper, 8342, Electronics Technician I.....	N	4 860
30. Herman Jordan, 6586, Electronics Technician I.....	N	5 640
31. Gerald L. Roberts, 8638, Electronics Technician I.....	N	4 590
32. Leslie P. Simpson, 8769, Electronics Technician I.....	N	4 200
33. Frederick G. Turpin, 8766, Electronics Technician I.....	N	4 500
34. James E. Bowers, 1433, Electronics Technician II.....	N	6 420
35. Estil N. Carter, 5306, Electronics Technician II.....	N	6 960
36. Thomas C. Casale, 8405, Electronics Technician II.....	N	5 820
37. Dale E. Coad, 1436, Electronics Technician II.....	N	6 540
38. Donald R. Deschene, 5994, Electronics Technician II.... N		6 120
39. Oral E. Gardner, 4917, Electronics Technician II.....	N	6 420
40. Leonard E. Hedges, 5455, Electronics Technician II.....	N	6 600
41. Fred O. Holy, 6334, Electronics Technician II.....	N	6 720
42. James H. Knoke, 5901, Electronics Technician II.....	N	7 080
43. William I. Lawrence, 5508, Electronics Technician II.... N		6 240
44. Thomas W. Popeney, 4896, Electronics Technician II.... N		5 760
45. Wayne L. Schmidt, 5900, Electronics Technician II.....	N	5 400
46. Wilfred Schuermann, 8520, Electronics Technician II.... N		5 600
47. Leo W. Streff, 1432, Electronics Technician II.....	N	6 720
48. Nicholas Vassos, 1431, Electronics Technician II.....	N	6 720
Total, Coordinated Science Laboratory.....		\$274 817

Electrical Engineering

College

Account Number 00-22-25-100

1. John F. Bauerle, 7805, Biophysical Research Laboratory Assistant.....	N	\$ 7 200
2. Martin P. Pembroke, 7354, Equipment Attendant.....	N	4 950
3. ———, 5152, Assistant Laboratory Attendant.....	N50	1 860
4. John C. Humphrey, 1320, Junior Laboratory Attendant... N		4 680
5. Violet D. Roberts, 1327, Clerk-Stenographer I.....	N	2 940
6. Beverley J. Ewart, 1325, Clerk-Stenographer II.....	N	3 420
7. Evelyn Kelly, 1326, Clerk-Stenographer II.....	H	3 000
8. Ruth E. Pembroke, 1322, Clerk-Stenographer II.....	N	3 480
9. Erika Goetz, 1324, Clerk-Typist II.....	N	3 510
10. G. H. Powers, 1307, Instrument Maker.....	N	7 794
11. Richard E. Smith, 1337, Instrument Maker.....	N	7 674
12. Fred K. Konrad, 1317, Assistant Laboratory Mechanic... N50		1 860
13. Louie E. Foley, 1316, Senior Laboratory Mechanic.....	N	6 762
14. James Pulliam, Jr., 1313, Senior Laboratory Mechanic... N		6 807
15. Hazel M. Crawford, 1323, Secretary—Stenographic.... N		5 280
16. Marcia H. Peterman, 1321, Office Supervisor.....	N	7 700
17. Richard F. Gallivan, 7189, Electronics Technician II.... ZN82		4 500
(Total Salary)		(5 490)
18. ———, 1315, Electronics Technician II.....	N	6 750
19. Charles G. Preston, 1318, Instrument and Measurement Technician I	N	5 790
20. Dale E. Ward, 8662, Instrument and Measurement Technician I	N	5 280
Total, Electrical Engineering (College).....		\$101 237

Station**Account Number 00-22-25-300**

1. Byron L. Marshall, 1306, Research Engineering Assistant.	N	\$ 8 200
2. Mary C. Keith, 1347, Accounting Clerk I.....	N	3 480
3. Nanita L. Patterson, 1343, Clerk-Stenographer II.....	N	3 000
4. Rosa L. Cornell, 1348, Clerk-Stenographer III.....	N	3 780
5. Bonnie S. Coatney, 7131, Clerk-Typist I.....	N	2 670
6. Judith L. Krimmel, 7130, Clerk-Typist II.....	ZN50	1 335
(Total Salary)		(2 670)
7. Ronald Glass, 3145, Engineering Draftsman I.....	N	4 830
8. Irven R. Franklin, 1310, Instrument Maker.....	N	7 674
9. Harold B. Lawler, 1305, Laboratory Manager.....	N	10 800
10. James E. Hendershott, 1339, Storekeeper I.....	ZN50	2 060
(Total Salary)		(4 120)
11. Anthony F. Remesch, 1308, Electronics Technician I.....	N	4 200
<i>Total, Electrical Engineering (Station).....</i>		<i>\$52 029</i>

Stores — Electrical Engineering Replacement Overhead**Account Number 08-22-25-973**

1. Nancy A. Baker, 1344, Typing Clerk II.....	N	\$ 2 640
2. James E. Hendershott, 1339, Storekeeper I.....	ZN50	2 060
<i>Total, Stores — Electrical Engineering Replacement Overhead.....</i>		<i>\$ 4 700</i>

Indirect Costs — Electrical Engineering**Account Number 40-22-25-300**

1. John F. Penn, 8368, Electronics Engineering Assistant...	ZN50	\$ 3 200
(Total Salary)		(6 400)
2. Judith H. Bivens, 8479, Clerk-Stenographer III.....	N	3 600
3. Judith L. Krimmel, 7130, Clerk-Typist II.....	ZN50	1 335
4. Ronald W. Taylor, 7847, Duplicating Machine Operator III	N	4 500
5. Richard F. Gallivan, 7189, Electronics Technician II.....	ZN18	990
<i>Total, Indirect Costs — Electrical Engineering.....</i>		<i>\$13 625</i>

Cooperative Investigations**STATE UNIVERSITY OF IOWA — PARKINSON HYPERKINETIC DISORDERS****Account Number 44-22-25-342**

1. Joseph W. Pankau, 8258, Biophysical Research Nurse....	ZN50	\$ 2 370
(Total Salary)		(4 740)

U.S. AIR FORCE 62**Account Number 46 22 25 301**

1. Patricia L. Shafer, 7350, Clerk-Typist II.....	ZN10	\$ 355
(Total Salary)		(3 540)
2. J. F. Lowe, 1336, Instrument Maker.....	ZN20	1 559
(Total Salary)		(7 794)
3. Thomas A. Newkirk, 5238, Electronics Technician II.....	ZN20	1 296
(Total Salary)		(6 480)
<i>Total, U.S. Air Force 62.....</i>		<i>\$ 3 210</i>

U.S. AIR FORCE 7473**Account Number 46-22-25-302**

1. A. B. Wilson, 1338, Electronics Engineering Assistant....	ZN33	\$ 2 530
(Total Salary)		(7 600)
2. Carl M. Boley, 1328, Research Engineering Assistant....	ZN33	2 733
(Total Salary)		(8 200)
3. Sandra K. Schmid, 8449, Clerk-Typist II.....	ZN25	660
(Total Salary)		(2 640)
4. Patricia L. Shafer, 7350, Clerk-Typist II.....	ZN13	440
5. Leroy L. Dreyer, 7705, Electronics Engineer.....	ZN25	2 075
(Total Salary)		(8 300)
6. Paul D. Goldan, 7954, Electronics Engineer.....	N	7 900

7. Robert A. Kawcyn, 7764, Electronics Engineer.....	ZN75	6 300
(Total Salary)		(8 400)
8. Merrill B. Watson, 7913, Glass Blower I.....	ZN50	3 050
(Total Salary)		(6 100)
9. —, 7427, Glass Blower II.....	ZN50	4 275
(Total Salary)		(8 550)
10. Arthur E. Monson, 1309, Senior Laboratory Mechanic....	ZN50	3 381
(Total Salary)		(6 762)
Total, U.S. Air Force 7473.....		\$33 344
U.S. AIR FORCE 63		
Account Number 46-22-25-303		
1. Marjorie A. Johnson, 7038, Assistant to Editor.....	ZN25	\$ 1 650
(Total Salary)		(6 600)
2. —, 7713, Clerk-Stenographer II.....	ZN25	750
(Total Salary)		(3 000)
Total, U.S. Air Force 63.....		\$ 2 400
U.S. AIR FORCE 417		
Account Number 46-22-25-305		
1. Judy S. Levin, 8402, Clerk-Typist II.....	ZN25	\$ 660
(Total Salary)		(2 640)
2. —, 7427, Glass Blower II.....	ZN25	2 137
3. Edward D. Boose, 1314, Electronic and Chemical Treat- ment Technician	ZN25	1 750
(Total Salary)		(7 000)
4. Robert M. Work, 5903, Electronics Technician I.....	ZN50	2 235
(Total Salary)		(4 470)
Total, U.S. Air Force 417.....		\$ 6 782
U.S. AIR FORCE 763		
Account Number 46-22-25-307		
1. Lloyd C. Schneidt, 8229, Storekeeper I.....	ZN12	\$ 550
(Total Salary)		(4 400)
U.S. AIR FORCE 2413		
Account Number 46-22-25-308		
1. Stanley D. Bengtson, 8285, Electronics Engineering As- sistant	ZN50	\$ 3 120
(Total Salary)		(6 240)
2. John C. Hofer, Laboratory Program Administrative As- sistant	ZN25	2 125
(Total Salary)		(8 500)
3. Patricia J. Henson, 8163, Clerk-Stenographer II.....	ZN25	750
(Total Salary)		(3 000)
4. Vernon E. Shepherd, 8125, Technical Draftsman-Illustrator I.....	ZN50	2 595
(Total Salary)		(5 190)
5. Craig R. Allen, 8627, Electronics Engineer.....	ZN33	2 600
(Total Salary)		(7 800)
6. Arthur F. L. Rocke, 8809, Electronics Engineer.....	N75	7 650
7. D. D. Pritchard, 1340, Storekeeper III.....	ZN25	1 406
(Total Salary)		(5 625)
8. Edward D. Boose, 1314, Electronic and Chemical Treat- ment Technician	ZN50	3 500
9. Theodore O. Gibson, 6574, Electronics Technician II.....	N	6 000
Total, U.S. Air Force 2413.....		\$29 746
U.S. AIR FORCE 5565		
Account Number 46-22-25-310		
1. John Y. Fujiwara, 8111, Draftsman.....	ZN50	\$ 2 267
(Total Salary)	75	(3 400)
2. —, 7427, Glass Blower II.....	ZN25	2 138
Total, U.S. Air Force 5565.....		\$ 4 405

U.S. AIR FORCE 7043

Account Number 46-22-25-312

1. A. B. Wilson, 1338, Electronics Engineering Assistant...	ZN33	\$ 2 530
2. —, 8245, Clerk III.....	ZN25	983
(Total Salary)		(3 930)
3. Helen M. Mackey, 8578, Typing Clerk I.....	ZN25	660
(Total Salary)		(2 640)
4. Patricia L. Shafer, 7350, Clerk-Typist II.....	ZN40	1 420
5. Bela Sandorfi, 8212, Technical Draftsman-Illustrator I..	ZN25	1 170
(Total Salary)		(4 680)
6. J. F. Lowe, 1336, Instrument Maker.....	ZN70	5 456
7. Edward D. Boose, 1314, Electronic and Chemical Treatment technician	ZN25	1 750
8. Thomas A. Newkirk, 5238, Electronics Technician II.....	ZN60	3 888
Total, U.S. Air Force 7043.....		\$17 857

U.S. AIR FORCE 2456

Account Number 46-22-25-313

1. J. F. Lowe, 1336, Instrument Maker.....	ZN10	\$ 779
2. Thomas A. Newkirk, 5238, Electronics Technician II.....	ZN20	1 296
Total, U.S. Air Force 2456.....		\$ 2 075

U.S. AIR FORCE 6079

Account Number 46-22-25-314

1. Majorie A. Johnson, 7038, Assistant to Editor.....	ZN25	\$ 1 650
2. Orville L. McClelland, 8177, Electronics Engineer.....	ZN75	5 250
(Total Salary)		(7 000)
3. Lewis H. Claybaugh, 1311, Instrument Maker.....	ZN50	3 837
(Total Salary)		(7 674)
4. D. D. Pritchard, 1340, Storekeeper III.....	ZN50	2 812
5. Medford D. Johnson, 8770, Electronics Technician II....	ZN50	2 550
(Total Salary)		(5 100)
Total, U.S. Air Force 6079.....		\$16 099

U.S. AIR FORCE 3481

Account Number 46-22-25-315

1. Robert A. Kawcyn, 7764, Electronics Engineer.....	ZN25	\$ 2 100
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U.S. AIR FORCE 556

Account Number 46-22-25-316

1. Arthur E. Monson, 1309, Senior Laboratory Mechanic....	ZN25	\$ 1 690
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U.S. AIR FORCE 7411

Account Number 46-22-25-317

1. John F. Penn, 8368, Electronics Engineering Assistant...	ZN25	\$ 1 600
2. A. B. Wilson, 1338, Electronics Engineering Assistant...	ZN34	2 540
3. Carl M. Boley, 1328, Research Engineering Assistant....	ZN33	2 733
4. Richard F. Ripper, 1342, Chief Clerk.....	ZN25	1 675
(Total Salary)		(6 700)
5. Sandra K. Schmid, 8449, Clerk-Typist II.....	ZN50	1 320
6. Patricia L. Shafer, 7350, Clerk-Typist II.....	ZN12	440
7. James O. Austin, Jr., 8665, Electronics Engineer.....	ZN75	6 000
(Total Salary)		(8 000)
8. Leroy L. Dreyer, 7705, Electronics Engineer.....	ZN50	4 150
9. Merrill B. Watson, 7913, Glass Blower I.....	ZN25	1 525
10. Lewis H. Claybaugh, 1311, Instrument Maker.....	ZN50	3 837
Total, U.S. Air Force 7411.....		\$25 820

U.S. AIR FORCE 6428

Account Number 46-22-25-319

1. Judy S. Levin, 8402, Clerk-Typist II.....	ZN25	\$ 660
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U.S. ARMY ORDNANCE 1983

Account Number 46-22-25-322

1. —, 7713, Clerk-Stenographer II.....	ZN25	\$ 750
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U.S. ARMY SIGNAL CORPS 84525

Account Number 46-22-25-328

1. _____, 8245, Clerk III.....	ZN25	\$ 983
2. Richard F. Ripper, 1342, Chief Clerk.....	ZN25	1 676
3. Helen M. Mackey, 8578, Typing Clerk I.....	ZN25	660
4. Patricia J. Henson, 8163, Clerk-Stenographer II.....	ZN17	510
5. D. D. Pritchard, 1340, Storekeeper III.....	ZN25	1 407
Total, U.S. Army Signal Corps 84525.....		\$ 5 236

U.S. ARMY SIGNAL CORPS 87264

Account Number 46-22-25-329

1. Virgil P. Rash, 8312, Electronics Technician II.....	N	\$ 5 565
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U.S. ARMY SIGNAL CORPS 85173

Account Number 46-22-25-332

1. Carl M. Boley, 1328, Research Engineering Assistant....	ZN34	\$ 2 734
2. Walter W. Wood, 8081, Technical Services Supervisor....	ZN50	5 400
(Total Salary)		(10 800)
Total, U.S. Army Signal Corps 85173.....		\$ 8 134

U.S. ARMY SIGNAL CORPS 78313

Account Number 46-22-25-333

1. John F. Penn, 8368, Electronics Engineering Assistant....	ZN25	\$ 1 600
2. Sandra K. Schmid, 8449, Clerk-Typist II.....	ZN25	660
3. Patricia L. Shafer, 7350, Clerk-Typist II.....	ZN25	885
4. James O. Austin, Jr., 8665, Electronics Engineer.....	ZN25	2 000
5. Leroy L. Dreyer, 7705, Electronics Engineer.....	ZN25	2 075
6. Merrill B. Watson, 7913, Glass Blower I.....	ZN25	1 525
7. Lloyd C. Schneidt, 8229, Storekeeper I.....	ZN25	1 100
Total, U.S. Army Signal Corps 78313.....		\$ 9 845

U.S. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NATIONAL SCIENCE GRANT 2459

Account Number 46-22-25-340

1. William W. Cochran, 8319, Electronics Engineering Assistant	N	\$ 6 000
2. _____, 7713, Clerk-Stenographer II.....	ZN50	1 500
Total, U.S. National Aeronautics and Space Administration National Science Grant 2459.....		\$ 7 500

U.S. NATIONAL SCIENCE FOUNDATION G10885

Account Number 46-22-25-347

1. Edwin R. Jackson, 5262, Animal Caretaker.....	ZN50	\$ 2 580
(Total Salary)		(5 160)
2. Bela Sandorfi, 8212, Technical Draftsman-Illustrator I....	ZN25	1 170
3. Lloyd C. Schneidt, 8229, Storekeeper I.....	ZN13	550
4. Sallie B. Cashon, 8340, Histology Technologist.....	ZN50	2 760
(Total Salary)		(5 520)
Total, U.S. National Science Foundation G10885.....		\$ 7 060

U.S. NATIONAL SCIENCE FOUNDATION G7421

Account Number 46-22-25-349

1. Faye J. Keener, 7159, Clerk-Stenographer III.....	ZN50	\$ 2 400
(Total Salary)		(4 800)
2. Rosalie P. Eggleton, 8375, Clerk-Typist III.....	H	4 176
Total, U.S. National Science Foundation G7421.....		\$ 6 576

U.S. NATIONAL SCIENCE FOUNDATION G17414

Account Number 46-22-25-350

1. Harvey B. Wright, 8220, Engineering Draftsman I.....	ZN34	\$ 1 840
(Total Salary)		(5 520)
2. George W. Zopf, Jr., 8023, Electronics Engineer.....	ZN50	3 700
(Total Salary)		(7 400)
Total, U.S. National Science Foundation G17414.....		\$ 5 540

U.S. N.O.B.S. 64723

Account Number 46-22-25-357

1. Stanley D. Bengtson, 8285, Electronics Engineering Assistant.....	ZN50	\$ 3 120
2. Thomas E. Kingery, 8369, Electronics Engineering Assistant.....	N	7 200
3. John C. Hofer, 8808, Laboratory Program Administrative Assistant.....	ZN25	2 125
4. Marjorie A. Johnson, 7038, Assistant to Editor.....	ZN25	1 650
5. Richard F. Ripper, 1342, Chief Clerk.....	ZN23	1 540
6. Patricia J. Henson, 8163, Clerk-Stenographer II.....	ZN33	1 000
7. John Y. Fujiwara, 8111, Draftsman.....	ZN25	1 133
8. Craig R. Allen, 8627, Electronics Engineer.....	ZN33	2 600
9. Arthur E. Monson, 1309, Senior Laboratory Mechanic.....	ZN25	1 691
10. Lloyd C. Schneidt, 8229, Storekeeper I.....	ZN25	1 100
11. Walter W. Wood, 8081, Technical Services Supervisor.....	ZN25	2 700
12. Frank Luksander, 6927, Electronics Technician I.....	N	5 420
<i>Total, U.S. N.O.B.S. 64723.....</i>		<u>\$31 279</u>

U.S. N.O.B.S. R 85243

Account Number 46-22-25-358

1. John C. Hofer, 8808, Laboratory Program Administrative Assistant.....	ZN25	\$ 2 125
2. Sandra K. Hogan, 7829, Typing Clerk I.....	ZN50	1 320
(Total Salary)		(2 640)
3. Harvey B. Wright, 8220, Engineering Draftsman I.....	ZN33	1 840
4. Craig R. Allen, 8627, Electronics Engineer.....	ZN34	2 600
5. Orville L. McClelland, 8177, Electronics Engineer.....	ZN25	1 750
6. Medford D. Johnson, 8770, Electronics Technician II.....	ZN50	2 550
<i>Total, U.S. N.O.B.S. R 85243</i>		<u>\$12 185</u>

U.S. OFFICE OF NAVAL RESEARCH 183402

Account Number 46-22-25-378

1. John C. Hofer, 8808, Laboratory Program Administrative Assistant.....	ZN25	\$ 2 125
2. Patricia J. Henson, 8163, Clerk-Stenographer II.....	ZN25	750
3. Bela Sandorf, 8212, Technical Draftsman-Illustrator I....	ZN50	2 340
4. Walter W. Wood, 8081, Technical Services Supervisor....	ZN25	2 700
<i>Total, U.S. Office of Naval Research 183402.....</i>		<u>\$ 7 915</u>

U.S. OFFICE OF NAVAL RESEARCH 183417

Account Number 46-22-25-380

1. Judy S. Levin, 8402, Clerk-Typist II.....	ZN25	\$ 660
2. Robert M. Work, 5903, Electronics Technician I.....	ZN50	2 235
<i>Total, U.S. Office of Naval Research 183417.....</i>		<u>\$ 2 895</u>

U.S. OFFICE OF NAVAL RESEARCH 183420

Account Number 46-22-25-381

1. _____, 8245, Clerk III.....	ZN25	\$ 982
2. Helen M. Mackey, 8758, Typing Clerk I.....	ZN25	660
3. Faye J. Keener, 7159, Clerk-Stenographer III.....	ZN50	2 400
4. Melvina R. Malek, 7762, Biophysical Research Nurse....	ZN50	2 730
(Total Salary)		(5 460)
5. Lloyd C. Schneidt, 8229, Storekeeper I.....	ZN12	550
6. Stuart F. Yoos, Jr., 7023, Electronics Technician I.....	ZN50	2 190
(Total Salary)		(4 380)
<i>Total, U.S. Office of Naval Research 183420.....</i>		<u>\$ 9 512</u>

U.S. OFFICE OF NAVAL RESEARCH 183421

Account Number 46-22-25-382

1. Marjorie A. Johnson, 7038, Assistant to Editor.....	ZN25	\$ 1 650
2. _____, 8245, Clerk III.....	ZN25	982
3. Helen M. Mackey, 8758, Typing Clerk I.....	ZN25	660
4. Judy S. Levin, 8402, Clerk-Typist II.....	ZN25	660

5. Harvey B. Wright, 8220, Engineering Draftsman I.....	ZN33	1 840
6. George W. Zopf, Jr., 8023, Electronics Engineer.....	ZN50	3 700
<i>Total, U.S. Office of Naval Research 183421.....</i>		<u>\$ 9 492</u>

U.S. OFFICE OF NAVAL RESEARCH 183429

Account Number 46-22-25-383

1. Wesley P. Bauerle, 7657, Electronics Engineering Assistant.....	ZN25	\$ 1 750
(Total Salary)		(7 000)
2. Sandra K. Hogan, 7829, Typing Clerk I.....	ZN50	1 320
3. Lloyd C. Schneidt, 8229, Storekeeper I.....	ZN13	550
<i>Total, U.S. Office of Naval Research 183429.....</i>		<u>\$ 3 620</u>

U.S. PUBLIC HEALTH SERVICE B3344

Account Number 46-22-25-387

1. Wesley P. Bauerle, 7657, Electronics Engineering Assistant.....	ZN25	\$ 1 750
2. Hilmar Dieme, 8336, Junior Mechanical Engineer.....	ZN25	1 635
(Total Salary)		(6 540)
<i>Total, U.S. Public Health Service B3344.....</i>		<u>\$ 3 385</u>

U.S. PUBLIC HEALTH SERVICE B1017

Account Number 46-22-25-388

1. Robert F. Noyes, 7538, Biophysical Research Laboratory Assistant.....	ZN13	\$ 1 090
(Total Salary)		(8 300)
2. Wesley P. Bauerle, 7657, Electronics Engineering Assistant.....	ZN25	1 750
3. Edwin R. Jackson, 5262, Animal Caretaker.....	ZN50	2 580
4. Hilmar Dieme, 8336, Junior Mechanical Engineer.....	ZN25	1 635
5. Stuart Yoos, Jr., 7023, Electronics Technician I.....	ZN50	2 190
<i>Total, U.S. Public Health Service B1017.....</i>		<u>\$ 9 245</u>

U.S. PUBLIC HEALTH SERVICE B1567

Account Number 46-22-25-390

1. Wesley P. Bauerle, 7657, Electronics Engineering Assistant.....	ZN25	\$ 1 750
2. Hilmar Dieme, 8336, Junior Mechanical Engineer.....	ZN25	1 635
3. Melvina R. Malek, 7762, Biophysical Research Nurse....	ZN50	2 730
4. Joseph W. Pankau, 8258, Biophysical Research Nurse....	ZN50	2 370
5. Sallie B. Cashon, 8340, Histology Technologist.....	ZN50	2 760
<i>Total, U.S. Public Health Service B1567.....</i>		<u>\$11 245</u>

U.S. PUBLIC HEALTH SERVICE — UNIVERSITY OF ILLINOIS

AT CHICAGO SUBGRANT H-3775

Account Number 46-22-25-392

1. Hilmar Dieme, 8336, Junior Mechanical Engineer.....	ZN25	\$ 1 635
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Ultrasound in Biology

Account Number 00-22-26-300

1. Robert F. Noyes, 7538, Biophysical Research Laboratory Assistant.....	ZN87	\$ 7 210
(Total Salary)		(8 300)
<i>Total, Ultrasound in Biology.....</i>		<u>\$ 7 210</u>

General Engineering**College**

Account Number 00-22-30-100

1. Sandra K. Shafer, 7633, Clerk-Typist II.....	N	\$ 3 000
2. Virginia A. Ziegler, 6794, Clerk-Typist III.....	N	3 600
3. Imogene J. Reeves, 1349, Secretary — Transcribing.....	N	5 520
<i>Total, General Engineering (College).....</i>		<u>\$12 120</u>

Measurement Program

Account Number 00-22-35-300

1. Betty L. Hull, 1256, Secretary — Stenographic.....	N	\$ 5 220
2. Billy B. McNeill, 6122, Instrument and Measurement Technician I.....	N	5 580
3. Edgar A. Blair, 1312, Instrument and Measurement Technician II.....	N	7 320
4. Francis E. Dilley, 5543, Instrument and Measurement Technician II.....	N	7 320
5. Glen H. Lafenhagen, 1253, Instrument and Measurement Technician II.....	N	7 320
6. Chester M. Richman, 1254, Instrument and Measurement Technician II.....	N	7 320
<i>Total, Measurement Program.....</i>		<i>\$40 080</i>

Instrument Service

Account Number 09-22-35-942

1. Glenn R. Keown, 7378, Operations Clerk.....	N	\$ 5 160
2. ———, 7040, Operations Clerk.....	N	3 900
3. Lenore F. Drennan, 6362, Typing Clerk II.....	N	3 180
4. Richard L. Cunningham, 6926, Instrument and Measurement Technician I.....	N	5 100
5. Ronald F. Miller, 8599, Instrument and Measurement Technician I.....	N	4 290
6. Oskar F. Richter, 5913, Instrument and Measurement Technician I.....	N	5 100
<i>Total, Instrument Service.....</i>		<i>\$26 730</i>

Mechanical and Industrial Engineering**College**

Account Number 00-22-40-100

1. Harold F. Schultz, 7362, Equipment Attendant.....	N	\$ 4 650
2. Patricia S. Potts, 1366, Clerk-Typist II.....	N	2 760
3. Mildred R. Potts, 1365, Clerk-Typist III.....	N	4 290
4. Burl A. Manuel, 1355, Instrument Maker.....	N	7 674
5. W. H. Smith, 1350, Instrument Maker.....	N	7 674
6. G. F. Miller, 1360, Junior Laboratory Mechanic.....	N	6 120
7. ———, 1361, Junior Laboratory Mechanic.....	N50	3 540
8. Warren R. Gordon, 1359, Senior Laboratory Mechanic.....	N	6 762
9. Thomas R. Heald, 1356, Senior Laboratory Mechanic.....	N50	3 285
10. M. W. Hoag, 1351, Senior Laboratory Mechanic.....	N	6 912
11. Harold A. Lovenguth, 8053, Senior Laboratory Mechanic.....	N	6 582
12. William D. Morfey, 7486, Senior Laboratory Mechanic.....	N	6 762
13. ———, 1356, Senior Laboratory Mechanic.....	N50	3 285
14. Norman G. Donze, 1353, Senior Foundry Molder.....	N	6 516
15. Opal F. Lumsden, 1357, Secretary — Transcribing.....	N	4 920
16. M. F. Sadorus, 1362, Storekeeper II.....	N	5 520
<i>Total, Mechanical and Industrial Engineering (College).....</i>		<i>\$87 252</i>

Station

Account Number 00-22-40-300

1. Helen McDonnell, 1364, Clerk-Typist III.....	ZN60	\$ 2 356
(Total Salary).....		(3 930)
2. Margaret E. Walden, 1363, Clerk-Typist III.....	N	3 780
3. Lawrence W. Hirschler, 5269, Instrument Maker.....	N	7 674
4. Robert W. Maynard, 6787, Junior Laboratory Mechanic.....	N	5 520
5. Allen F. Stephens, 1352, Senior Laboratory Mechanic.....	N	6 762
<i>Total, Mechanical and Industrial Engineering (Station).....</i>		<i>\$26 092</i>

Cooperative Investigations

FORD FOUNDATION — PROGRAM OPERATION

Account Number 44-22-40-125

1. Leanna Heathman, 0491, Clerk-Typist II.....	N	\$ 2 640
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**INSTITUTE OF BOILER AND RADIATOR MANUFACTURERS —
STEAM AND WATER HEAT**

Account Number 44-22-40-342

- | | | |
|---|---|----------|
| 1. William J. Graham, Jr., 7748, Instrument and Measurement Technician I..... | N | \$ 5 400 |
|---|---|----------|

NATIONAL WARM AIR HEATING — FURNACES

Account Number 44-22-40-356

- | | | |
|---|---|-----------------|
| 1. Catherine A. Decker, 1367, Clerk-Stenographer II..... | N | \$ 3 240 |
| 2. Martin Steidner, 1369, Junior Laboratory Mechanic..... | N | 6 120 |
| <i>Total, National Warm Air Heating — Furnaces.....</i> | | <i>\$ 9 360</i> |

U.S. AIR FORCE 909

Account Number 46-22-40-308

- | | | |
|--|---|----------|
| 1. Lawrence F. Merriam, 8629, Draftsman..... | H | \$ 4 176 |
|--|---|----------|

U.S. NATIONAL AERONAUTICAL AND SPACE ADMINISTRATION —
NATIONAL SCIENCE GRANT 13-59

Account Number 46-22-40-355

- | | | |
|--|---|----------|
| 1. Rolland H. Crawford, 8554, Junior Laboratory Mechanic.. | N | \$ 5 520 |
|--|---|----------|

U.S. NATIONAL SCIENCE FOUNDATION G9725

Account Number 46-22-40-357

- | | | |
|--|------|----------|
| 1. Robert H. Werkman, 8767, Junior Laboratory Mechanic.. | ZN50 | \$ 2 760 |
| (Total Salary) | | (5 520) |

U.S. PRINCETON NAVY SUBCONTRACTOR PROJECT SQUID

Account Number 46-22-40-364

- | | | |
|--|------|----------|
| 1. Robert H. Werkman, 8767, Junior Laboratory Mechanic.. | ZN50 | \$ 2 760 |
|--|------|----------|

Mining, Metallurgy, and Petroleum Engineering
College

Account Number 00-22-50-100

- | | | |
|---|-----|-----------------|
| 1. John O. Jones, 8113, Assistant Laboratory Mechanic..... | N50 | \$ 1 980 |
| 2. Clifford D. Howell, 1374, Senior Laboratory Mechanic... | N | 6 762 |
| 3. H. W. Kruse, 1372, Senior Laboratory Mechanic..... | N | 6 912 |
| 4. Hazel Allen, 1371, Secretary — Stenographic..... | N | 6 180 |
| <i>Total, Mining, Metallurgy, and Petroleum Engineering</i> | | |
| <i>(College).....</i> | | <i>\$21 834</i> |

Station

Account Number 00-22-50-300

- | | | |
|---|---|-----------------|
| 1. June L. Willman, 7981, Clerk-Typist III..... | N | \$ 3 600 |
| 2. Robert D. McNely, 1375, Junior Laboratory Mechanic... | N | 6 120 |
| 3. Frank R. O'Connor, 1373, Senior Laboratory Mechanic.. | N | 6 807 |
| <i>Total, Mining, Metallurgy, and Petroleum Engineering</i> | | |
| <i>(Station).....</i> | | <i>\$16 527</i> |

Cooperative Investigations
U.S. AIR FORCE 420

Account Number 46-22-50-309

- | | | |
|--|------|----------|
| 1. Charles W. DeVore, 6705, Senior Laboratory Mechanic.. | ZN25 | \$ 1 690 |
| (Total Salary) | | (6 762) |

U.S. ARMY CHEMICAL 517

Account Number 46-22-50-313

- | | | |
|---|-----|--------|
| 1. Nancy H. Anvari, 8370, Clerk-Typist III..... | H25 | \$ 900 |
|---|-----|--------|

U.S. ARMY ORDNANCE 1175

Account Number 46-22-50-314

- | | | |
|---|------|---------|
| 1. Merle B. Ferris, 5003, Clerk-Typist III..... | ZN17 | \$ 600 |
| (Total Salary) | | (1 800) |

U.S. ATOMIC ENERGY COMMISSION PROJECT 9

Account Number 46-22-50-320

- | | | |
|---|------|--------|
| 1. Merle B. Ferris, 5003, Clerk-Typist III..... | ZN17 | \$ 600 |
|---|------|--------|

U.S. ATOMIC ENERGY COMMISSION PROJECT 15

Account Number 46-22-50-322

1. Charles W. DeVore, 6705, Senior Laboratory Mechanic... ZN25 \$ 1 690

U.S. NATIONAL SCIENCE FOUNDATION G15749

Account Number 46-22-50-356

1. Merle B. Ferris, 5003, Clerk-Typist III..... ZN16 \$ 600

College

Nuclear Engineering

Account Number 00-22-53-100

- | | | |
|--|---|-----------------|
| 1. Lillian L. Conrad, 8318, Clerk-Stenographer III..... | N | \$ 4 560 |
| 2. Harry N. Newman, 7701, Junior Laboratory Mechanic.... | N | 5 910 |
| 3. Gerald Paul Beck, 8158, Reactor Supervisor..... | N | 9 900 |
| <i>Total, Nuclear Engineering (College).....</i> | | <u>\$20 370</u> |

College

Physics

Account Number 00-22-55-100

- | | | |
|--|------|------------------|
| 1. Harry C. Gersbaugh, 1387, Laboratory Program Administrative Assistant | N | \$ 7 550 |
| 2. Robert E. Marlatt, 1385, Physical Science Technical Assistant..... | N | 5 820 |
| 3. Delos C. Oliver, 1386, Senior Laboratory Attendant..... | N | 5 445 |
| 4. Doris A. Davis, 1391, Clerk III..... | N | 3 930 |
| 5. Lolita C. Paden, 1393, Clerk III..... | N | 4 500 |
| 6. Margaret J. Oare, 7984, Clerk-Stenographer III..... | ZN50 | 1 950 |
| (Total Salary) | | (3 900) |
| 7. Eva L. Kinstle, 1394, Clerk-Typist III..... | ZN50 | 1 950 |
| (Total Salary) | | (3 900) |
| 8. Patricia A. Reps, 1395, Clerk-Typist III..... | N | 4 050 |
| 9. Dortha L. Sanders, 7407, Clerk-Typist III..... | ZN50 | 1 650 |
| (Total Salary) | | (3 300) |
| 10. Judith Ann Tempel, 1392, Clerk-Typist III..... | N | 3 720 |
| 11. Creed A. Wills, 6665, Engineering Draftsman I..... | ZN50 | 2 685 |
| (Total Salary) | | (5 370) |
| 12. George P. Clark, 1382, Instrument Maker..... | ZN50 | 3 837 |
| (Total Salary) | | (7 674) |
| 13. Ralph F. Flora, 1377, Departmental Business Manager.... | N | 13 200 |
| 14. Harold G. Stoner, 1383, Senior Laboratory Mechanic.... | ZN50 | 3 411 |
| (Total Salary) | | (6 822) |
| 15. Patrick K. Watson, 1384, Senior Laboratory Mechanic.... | ZN50 | 3 381 |
| (Total Salary) | | (6 762) |
| 16. Bess G. Matteson, 1388, Secretary — Stenographic..... | N | 6 000 |
| 17. Rosalyn F. Schmidt, 7263, Secretary — Stenographic.... | N | 5 100 |
| 18. Margaret Runkel, 7476, Secretary — Transcribing..... | ZN50 | 3 000 |
| (Total Salary) | | (6 000) |
| 19. Bernard Dittman, 7666, Storekeeper II..... | N | 4 860 |
| 20. Edward J. Early, 1389, Storekeeper III..... | N | 5 160 |
| 21. Fred S. Wise, 7896, Research Laboratory Shop Supervisor | N | 9 270 |
| 22. Frank E. L. Witt, 8076, Technical Service Supervisor.... | N | 9 840 |
| <i>Total, Physics (College).....</i> | | <u>\$110 309</u> |

Stores — Liquid Nitrogen Overhead

Account Number 08-22-55-948

- | | | |
|--|------|-----------------|
| 1. Roy G. Givens, 8527, Cryogenic Technician..... | ZN50 | \$ 2 550 |
| (Total Salary) | | (5 100) |
| <i>Total, Stores — Liquid Nitrogen Overhead.....</i> | | <u>\$ 2 550</u> |

Stores — Physics Overhead

Account Number 08-22-55-965

- | | | |
|--|---|-----------------|
| 1. _____, Clerk-Typist II..... | N | \$ 3 000 |
| 2. Morris K. Coad, 8358, Storekeeper II..... | N | 4 860 |
| <i>Total, Stores — Physics Overhead.....</i> | | <u>\$ 7 860</u> |

Liquid Helium Service

Account Number 09-22-55-946

1. Roy G. Givens, 8527, Cryogenics Technician.....	ZN50	\$ 2 550
2. Richard J. Trippy, 1397, Cryogenics Technician.....	N	6 000
<i>Total, Liquid Helium Service.....</i>		<u>\$ 8 550</u>

Indirect Costs — Physics

Account Number 40-22-55-300

1. _____, 7480, Senior Laboratory Attendant.....	N	\$ 4 860
2. Patricia L. Bruner, 8733, Clerk-Stenographer III.....	ZN50	1 800
(Total Salary)		(3 600)
3. Carl W. Fieg, 8381, Junior Laboratory Mechanic.....	N40	2 208
<i>Total, Indirect Costs — Physics.....</i>		<u>\$ 8 868</u>

Cooperative Investigations

A. P. SLOAN FOUNDATION, INC. — SOLID STATE — MAPOTHER

Account Number 44-22-55-377

1. Margaret J. Oare, 7984, Clerk-Stenographer III.....	ZN25	\$ 975
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A. P. SLOAN FOUNDATION, INC. — MAGNETIC RESEARCH — SLICHTER

Account Number 44-22-55-378

1. Margaret J. Oare, 7984, Clerk-Stenographer III.....	ZN25	\$ 975
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U.S. AIR FORCE 896

Account Number 46-22-55-300

1. E. Ann Wells, 1390, Clerk-Stenographer III.....	ZN25	\$ 1 125
(Total Salary)		(4 500)

U.S. AIR FORCE 49

Account Number 46-22-55-301

1. Eva L. Kinstle, 1394, Clerk-Typist III.....	ZN50	\$ 1 950
2. Harold G. Stoner, 1383, Senior Laboratory Mechanic.....	ZN50	3 411
<i>Total, U.S. Air Force 49.....</i>		<u>\$ 5 361</u>

U.S. AIR FORCE 529

Account Number 46-22-55-305

1. Barbara J. Fiorillo, 8495, Clerk-Typist III.....	ZN25	\$ 885
(Total Salary)		(3 540)
2. Herman L. Stalker, 1381, Junior Laboratory Mechanic.....	ZN50	2 760
(Total Salary)		(5 520)
<i>Total, U.S. Air Force 529.....</i>		<u>\$ 3 645</u>

U.S. AIR FORCE 579

Account Number 46-22-55-306

1. E. Ann Wells, 1390, Clerk-Stenographer III.....	ZN25	\$ 1 125
2. Wayne L. Craig, 7814, Senior Laboratory Mechanic.....	ZN50	3 351
(Total Salary)		(6 702)
<i>Total, U.S. Air Force 579.....</i>		<u>\$ 4 476</u>

U.S. AIR FORCE 661

Account Number 46-22-55-308

1. Laura E. Duncan, 7753, Clerk-Typist III.....	ZN50	\$ 1 740
(Total Salary)		(3 480)

U.S. AIR FORCE 882

Account Number 46-22-55-311

1. Barbara J. Fiorillo, 8495, Clerk-Typist III.....	ZN25	\$ 885
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U.S. ARMY ORDNANCE 1001

Account Number 46-22-55-312

1. Barbara J. Fiorillo, 8495, Clerk-Typist III.....	ZN50	\$ 1 770
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U.S. ARMY ORDNANCE 18

Account Number 46-22-55-313

1. Orville M. Zorns, 8610, Instrument Maker.....	ZN50	\$ 3 732
(Total Salary)		(7 464)

2. George B. Dittmann, 1398, Senior Laboratory Mechanic..	ZN50	3 180
(Total Salary)		(6 360)
Total, U.S. Army Ordnance 18.....		\$ 6 912

U.S. ATOMIC ENERGY COMMISSION PROJECT 3

Account Number 46-22-55-320

1. Dortha L. Sanders, 7407, Clerk-Typist III.....	ZN25	\$ 825
2. Creed A. Wills, 6665, Engineering Draftsman I.....	ZN50	2 685
Total, U.S. Atomic Energy Commission Project 3.....		\$ 3 510

U.S. ATOMIC ENERGY COMMISSION 1056

Account Number 46-22-55-321

1. Dortha L. Sanders, 7407, Clerk-Typist III.....	ZN25	\$ 825
2. Herman L. Stalker, 1381, Junior Laboratory Mechanic...	ZN50	2 760
3. Wayne L. Craig, 7814, Senior Laboratory Mechanic.....	ZN50	3 351
Total, U.S. Atomic Energy Commission 1056.....		\$ 6 936

U.S. ATOMIC ENERGY COMMISSION 182

Account Number 46-22-55-322

1. Patricia L. Bruner, 8733, Clerk-Stenographer III.....	ZN50	\$ 1 800
2. E. Ann Wells, 1390, Clerk-Stenographer III.....	ZN50	2 250
3. Robert A. Hoffswell, 5674, Accelerator Engineer I.....	N	6 700
4. Franklin Kibler, 1400, Instrument Maker.....	ZN50	3 837
(Total Salary)		(7 674)
5. Edward W. Cronau, 6466, Senior Laboratory Mechanic..	ZN50	3 291
(Total Salary)		(6 582)
6. Charles W. DeVore, 6705, Senior Laboratory Mechanic...	ZN50	3 382
(Total Salary)		(6 762)
7. George B. Dittmann, 1398, Senior Laboratory Mechanic..	ZN50	3 180
8. Charles Van Holland, 1378, Senior Laboratory Mechanic.	ZN50	3 456
(Total Salary)		(6 912)
Total, U.S. Atomic Energy Commission 182.....		\$27 896

U.S. ATOMIC ENERGY COMMISSION 833

Account Number 46-22-55-323

1. Edward W. Cronau, 6466, Senior Laboratory Mechanic...	ZN50	\$ 3 291
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U.S. OFFICE OF NAVAL RESEARCH 183405

Account Number 46-22-55-361

1. _____, 1409, Assistant Laboratory Attendant.....	N	\$ 3 240
2. _____, 6163, Assistant Laboratory Attendant.....	N	3 240
3. _____, 8049, Assistant Laboratory Attendant.....	N	3 240
4. Philip R. Francis, 1453, Chief Clerk.....	N	6 600
5. Ralph D. Kenworthy, 8359, Chief Clerk.....	N	6 100
6. Laura E. Duncan, 7753, Clerk-Typist III.....	ZN50	1 740
7. Doris A. Miller, Clerk-Typist III.....	N	3 900
8. _____, 1412, Technical Computer.....	N	5 400
9. Emmy Redey, 1406, Engineering Draftsman I.....	N	4 620
10. Arthur W. Peters, 1417, Driver.....	P	6 171
11. Vaidotas J. Simaitis, 5604, Accelerator Engineer I.....	N	6 000
12. Sim Um, 1418, Accelerator Engineer I.....	N	6 900
13. Richard J. Wallstrom, 1414, Accelerator Engineer I.....	N	6 700
14. _____, 6426, Accelerator Engineer I.....	N	6 000
15. Frederick A. Roberts, 6504, Accelerator Engineer II.....	N	8 900
16. Loren E. Ernest, 1413, Chief Accelerator Engineer.....	N	9 500
17. Clarence L. Rogers, 1446, Chief Accelerator Engineer...	ZN20	2 040
(Total Salary)		(10 200)
18. William M. Henebry, 8401, Electronics Engineer.....	N	7 600
19. James R. Starr, 8227, Glass Blower I.....	ZN45	3 150
(Total Salary)		(7 000)
20. George P. Clark, 1382, Instrument Maker.....	ZN50	3 837
21. Eugene R. Cordes, 1399, Instrument Maker.....	N	7 464
22. Franklin Kibler, 1400, Instrument Maker.....	ZN50	3 837

23. George I. Pike, 1415, Instrument Maker.....	N	7 464
24. Orville M. Zorns, 8610, Instrument Maker.....	ZN50	3 732
25. Robert D. Fults, 1396, Junior Laboratory Mechanic.....	N	5 520
26. ———, 5676, Junior Laboratory Mechanic.....	N	5 280
27. Leo E. Cole, 1402, Senior Laboratory Mechanic.....	N	6 762
28. Robert W. Fiscus, 1421, Senior Laboratory Mechanic.....	N	6 762
29. William W. S. Graham, 8266, Senior Laboratory Mechanic.....	N	6 702
30. Charles Van Holland, 1378, Senior Laboratory Mechanic.....	ZN50	3 456
31. Patrick K. Watson, 1384, Senior Laboratory Mechanic.....	ZN50	3 381
32. Margaret Runkel, 7476, Secretary — Transcribing.....	ZN50	3 000
33. Kenneth W. Bartlett, 8696, Accelerator Technician.....	N	5 580
34. Curtis A. McGuire, 7779, Accelerator Technician.....	N	5 520
35. Cloyd I. Smock, 8768, Accelerator Technician.....	N	6 000
36. Martin G. Stough, 8140, Accelerator Technician.....	N	5 640
37. Allan R. Swanson, 8732, Accelerator Technician.....	N	4 800
38. Donald Vermillion, 5365, Accelerator Technician.....	N	6 750
39. Edward L. Garrison, 8083, Cryogenic Technician.....	N	6 300
40. ———, 8640, Cryogenic Technician.....	N	6 000
41. William E. Fears, 7532, Electronics Technician I.....	N	5 100
42. Ted R. Dean, 1419, Electronics Technician II.....	N	6 200
43. Thomas J. Kessler, 8275, Electronics Technician II.....	N	5 670
44. Glenn Russell Mann, 1422, Electronics Technician II.....	N	6 400
45. Robert L. Russell, 8360, Electronics Technician II.....	N25	1 650
46. Edward E. Wascher, 1405, Electronics Technician II.....	N	6 700
47. David C. Garrison, 8107, Nuclear Plate Technician.....	N	4 200
<i>Total, U.S. Office of Naval Research 183405.....</i>		<u>\$250 748</u>

Physics Betatron

Account Number 00-22-56-300

1. Clarence L. Rogers, 1446, Chief Accelerator Engineer....	ZN80	\$ 8 160
(Total Salary)		(10 200)
2. James R. Harlan, 1448, Electronics Engineer.....	N	9 700
3. James R. Starr, 8227, Glass Blower I.....	ZN55	3 850
(Total Salary)		(7 000)
4. Carl E. Kling, 1445, Glass Blower II.....	ZN50	4 350
(Total Salary)		(8 700)
5. George A. Johnson, 1449, Instrument Maker.....	N	7 674
6. James J. Cochrane, 7048, Laboratory Manager.....	N	9 500
7. Marion A. Carrington, 1450, Senior Laboratory Mechanic.....	N	6 792
8. Shirley J. Kietzman, 1454, Secretary — Stenographic.....	N	4 500
9. Myron E. Wright, 1451, Storekeeper II.....	N	4 860
10. George J. Schwab, 5642, Research Laboratory Shop Supervisor.....	N	8 400
<i>Total, Physics Betatron.....</i>		<u>\$67 786</u>

Theoretical and Applied Mechanics**College**

Account Number 00-22-60-100

1. Bonnie J. Malcor, 5398, Clerk-Typist III.....	N	\$ 3 420
2. Mary C. Prah, 6778, Clerk-Typist III.....	N	3 420
3. ———, 8408, Clerk-Typist III.....	N	3 300
4. Earl E. Shipley, 1459, Senior Laboratory Mechanic.....	N	6 792
5. E. R. Yates, 1477, Senior Laboratory Mechanic.....	N	6 792
6. Marvin L. Raymer, 8528, Duplicating Machine Operator I.....	ZN50	1 500
(Total Salary)		(3 000)
7. Marilyn A. Wright, 1460, Secretary — Stenographic.....	N	6 000
8. Harley T. Musgrove, 1455, Research Laboratory Shop Supervisor.....	N	7 800
9. Walter Carlson, 7136, Electronics Technician I.....	N	5 700
<i>Total, Theoretical and Applied Mechanics (College).....</i>		<u>\$44 724</u>

Station

Account Number 00-22-60-300

1. Isabelle Purnell, 6298, Laboratory Program Administrative Assistant.....	ZN35	\$ 2 646
(Total Salary)		(7 560)
2. Vivian E. Sprau, 1464, Clerk-Stenographer III.....	N	3 720
3. Ernest J. Bryant, 1458, Senior Laboratory Mechanic.....	N	6 792
4. George E. Mercer, 1457, Senior Laboratory Mechanic.....	N	6 882
5. Larry L. Motsinger, 7491, Duplicating Machine Operator III.....	ZN50	2 620
(Total Salary)		(5 240)
<i>Total, Theoretical and Applied Mechanics (Station).....</i>		<i>\$22 660</i>

Cooperative Investigations

AMERICAN IRON AND STEEL — WELDED WIRE FABRIC

Account Number 44-22-60-302

1. Isabelle Purnell, 6298, Laboratory Program Administrative Assistant.....	ZN5	\$ 378
2. Donna R. Kieso, 7950, Clerk-Stenographer III.....	ZN25	930
(Total Salary)		(3 720)
3. Merle R. Penny, 5273, Junior Laboratory Mechanic.....	ZN34	2 040
(Total Salary)		(6 120)
<i>Total, American Iron and Steel—Welded Wire Fabric.....</i>		<i>\$ 3 348</i>

AMERICAN IRON AND STEEL — FAILURES IN RAILROAD RAHLS

Account Number 44-22-60-305

1. Marion C. Moore, 1473, Senior Laboratory Mechanic....	N	\$ 6 792
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GRIFFIN WHEEL COMPANY — RAILWAY WHEELS

Account Number 44-22-60-332

1. Gleason D. Thomas, 1465, Senior Laboratory Mechanic..	N	\$ 6 792
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U.S. AIR FORCE 7600

Account Number 46-22-60-302

1. Larry L. Motsinger, 7491, Duplicating Machine Operator III.....	ZN25	\$ 1 310
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U.S. ARMY ORDNANCE 593

Account Number 46-22-60-304

1. Isabelle Purnell, 6298, Laboratory Program Administrative Assistant.....	ZN10	\$ 756
2. Hertha B. Vandiver, 8482, Clerk-Typist III.....	ZN33	1 160
(Total Salary)		(3 480)
<i>Total, U.S. Army Ordnance 593.....</i>		<i>\$ 1 916</i>

U.S. ARMY ORDNANCE 3488

Account Number 46-22-60-307

1. Hertha B. Vandiver, 8482, Clerk-Typist III.....	ZN33	\$ 1 160
2. Marvin L. Raymer, 8528, Duplicating Machine Operator I	ZN25	750
<i>Total, U.S. Army Ordnance 3488.....</i>		<i>\$ 1 910</i>

U.S. AIR FORCE 8177

Account Number 46-22-60-308

1. Isabelle Purnell, 6298, Laboratory Program Administrative Assistant.....	ZN10	\$ 756
2. Gerianne Koepke, 5363, Clerk-Typist III.....	ZN33	1 140
(Total Salary)		(3 420)
3. Elmer Hunt, 1469, Senior Laboratory Mechanic.....	N	6 792
<i>Total, U.S. Air Force 8177.....</i>		<i>\$ 8 688</i>

U.S. ATOMIC ENERGY COMMISSION 1046

Account Number 46-22-60-309

1. Isabelle Purnell, 6298, Laboratory Program Administrative Assistant.....	ZN10	\$ 756
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2. Gerianne Koepke, 5363, Clerk-Typist III.....	ZN34	1 140
3. Dean Bailey, 5128, Senior Laboratory Mechanic.....	N	6 792
<i>Total, U.S. Atomic Energy Commission 1046.....</i>		<u>\$ 8 688</u>
U.S. ARMY ORDNANCE 3505		
Account Number 46-22-60-311		
1. Hertha B. Vandiver, 8482, Clerk-Typist III.....	ZN34	\$ 1 160
U.S. N.O.B.S. 72069		
Account Number 46-22-60-354		
1. Isabelle Purnell, 6298, Laboratory Program Administrative Assistant.....	ZN10	\$ 756
2. James W. Bryant, 1475, Senior Laboratory Mechanic.....	N	6 792
3. Marvin L. Raymer, 8528, Duplicating Machine Operator I.....	ZN25	750
<i>Total, U.S. N.O.B.S. 72069.....</i>		<u>\$ 8 298</u>
U.S. OFFICE OF NAVAL RESEARCH 2947-02X		
Account Number 46-22-60-356		
1. William C. Stitt, 1462, Senior Laboratory Mechanic.....	N	\$ 6 792
U.S. NATIONAL SCIENCE FOUNDATION G14647		
Account Number 46-22-60-360		
1. Larry L. Molsinger, 7491, Duplicating Machine Operator III.....	ZN25	\$ 1 310
U.S. NATIONAL SCIENCE FOUNDATION G15038		
Account Number 46-22-60-362		
1. Donna R. Kieso, 7950, Clerk-Stenographer III.....	ZN25	\$ 930
U.S. OFFICE OF NAVAL RESEARCH 1834-32		
Account Number 46-22-60-367		
1. Isabelle Purnell, 6298, Laboratory Program Administrative Assistant.....	ZN10	\$ 756
U.S. OFFICE OF NAVAL RESEARCH 2947-01X		
Account Number 46-22-60-370		
1. Isabelle Purnell, 6298, Laboratory Program Administrative Assistant.....	ZN10	\$ 756
2. Gerianne Koepke, 5363, Clerk-Typist III.....	ZN33	1 140
3. James M. Robertson, 1463, Senior Laboratory Mechanic.....	N	6 792
<i>Total, U.S. Office of Naval Research 2947-01X.....</i>		<u>\$ 8 688</u>
STATE OF ILLINOIS DIVISION OF HIGHWAYS —		
CREEP IN STRUCTURAL CONCRETE		
Account Number 47-22-60-312		
1. Donna R. Kieso, 7950, Clerk-Stenographer III.....	ZN25	\$ 930
2. Merle R. Penny, 5273, Junior Laboratory Mechanic.....	ZN33	2 040
<i>Total, State of Illinois Division of Highways — Creep in Structural Concrete.....</i>		<u>\$ 2 970</u>
STATE OF ILLINOIS DIVISION OF HIGHWAYS —		
FATIGUE FAILURE IN CONCRETE		
Account Number 47-22-60-325		
1. Donna R. Kieso, 7950, Clerk-Stenographer III.....	ZN25	\$ 930
2. Merle R. Penny, 5273, Junior Laboratory Mechanic.....	ZN33	2 040
<i>Total, State of Illinois Division of Highways — Fatigue Failure in Concrete.....</i>		<u>\$ 2 970</u>
COLLEGE OF FINE AND APPLIED ARTS		
Administration		
Account Number 00-24-01-100		
1. Peggy A. Vannoy, 1578, Clerk-Typist III.....	N	\$ 3 300
2. Alice T. Wall, 1576, Administrative Secretary — Stenographic.....	N	8 300
<i>Total, Administration.....</i>		<u>\$11 600</u>

Architecture

Account Number 00-24-05-100

1. Frank M. Sinclitico, 7216, Equipment Attendant.....	N	\$ 4 590
2. Carol M. Knosher, 1581, Clerk-Stenographer III.....	N	3 810
3. Rosalie Williams, 1579, Secretary — Stenographic.....	N	4 980
<i>Total, Architecture</i>		<u>\$13 380</u>

Art

Account Number 00-24-10-100

1. Lee E. Garrett, 6734, Equipment Attendant.....	N	\$ 5 190
2. Shirley A. Powers, 1583, Clerk-Typist II.....	N	3 270
3. Helen G. Jordan, 1582, Secretary — Stenographic.....	N	6 360
<i>Total, Art</i>		<u>\$14 820</u>

City Planning and Landscape Architecture

Account Number 00-24-15-100

1. Marianne Dorner, 1585, Clerk-Stenographer III.....	N	\$ 4 200
<i>Total, City Planning and Landscape Architecture</i>		<u>\$ 4 200</u>

Bureau of Community Planning

Account Number 00-24-16-400

1. Brenda K. Nolan, 7413, Clerk-Stenographer II.....	N	\$ 3 960
2. Peggy J. Apperson, 7409, Clerk-Typist II.....	N	2 910
3. Janet H. Buhk, 1594, Secretary — Stenographic.....	N	4 500
<i>Total, Bureau of Community Planning</i>		<u>\$11 370</u>

School of Music

Account Number 00-24-25-100

1. Anna M. Farish, 1590, Clerk-Stenographer II.....	N	\$ 3 930
2. Mary A. Smail, 5251, Clerk-Stenographer II.....	N	3 810
3. Loretta L. Mayer, 7205, Clerk-Stenographer III.....	N	3 750
4. Lillian Marr, 1589, Secretary — Stenographic.....	N	6 300
5. R. E. Helmericks, 1586, Instrument Supervisor.....	N	9 600
6. Ralph T. McNeely, 1587, Piano Maintenance Supervisor..	N	8 900
7. G. H. Steward, 5730, Musical Instrument Technician.....	N	7 650
8. Arnold Brewé, 1588, Piano Technician.....	N	7 000
<i>Total, School of Music</i>		<u>\$50 940</u>

University of Illinois Bands

Account Number 00-24-35-100

1. John E. Cranford, 7742, Equipment Attendant.....	N	\$ 5 400
2. Hazel M. Corray, 1592, Clerk-Typist III.....	N	3 740
<i>Total, University of Illinois Bands</i>		<u>\$ 9 140</u>

Small Homes Council — Building Research Council

Account Number 00-24-50-300

1. Helen Y. Lybarger, 1868, Clerk-Stenographer II.....	N	\$ 3 330
2. Gwyneth B. Shaffer, 1866, Clerk-Stenographer III.....	N	4 110
3. Ella R. Newcomb, 1865, Clerk-Typist II.....	N	3 300
4. Myrna J. Weerts, 1867, Clerk-Typist II.....	N	2 880
5. Dorothy E. Wilkins, 1864, Secretary — Stenographic.....	N	6 750
<i>Total, Small Homes Council — Building Research Council</i>		<u>\$20 370</u>

Small Homes Council Publications Revolving

Account Number 12-24-50-466

1. Sharon Lynn Dees, 8730, Accounting Clerk I.....	N	\$ 3 180
<i>Total, Small Homes Council Publications Revolving....</i>		<u>\$ 3 180</u>

Krannert Art Museum

Account Number 00-24-80-100

1. Berdine E. Soenksen, 8214, Clerk-Stenographer III.....	N	\$ 3 810
2. Jimmie O. Sowers, 8063, Art Museum Preparator.....	N	4 900
<i>Total, Krannert Art Museum</i>		<u>\$ 8 710</u>

GRADUATE COLLEGE**Administration****Account Number 00-26-01-100**

1. Edith L. Williams, 7634, Clerk III.....	N	\$ 4 230
2. Mary E. Hott, 1479, Administrative Clerk.....	N	8 600
3. Antoinette La Voie, 1480, Administrative Clerk.....	N	8 600
4. Julie A. Miller, 1486, Typing Clerk II.....	N	3 480
5. Marcia Nock, 7151, Typing Clerk II.....	N62	2 220
6. Carol J. Meece, 5607, Clerk-Stenographer I.....	N	3 000
7. Carolyn M. Shipton, 6897, Clerk-Stenographer II.....	N	3 300
8. Esther L. Floyd, 1481, Clerk-Stenographer III.....	N	3 900
9. Phyllis S. Headlee, 1485, Clerk-Typist II.....	N	3 360
10. Edna M. Jenkins, 1484, Clerk-Typist II.....	N	3 480
11. Janice F. Magers, 7959, Clerk-Typist II.....	N	3 300
12. Gracye P. Baker, 1482, Secretary — Stenographic.....	N	4 800
13. Dorothy B. Rickert, 7425, Secretary — Stenographic.....	N	6 870
<i>Total, Administration</i>		<u>\$59 140</u>

Office of Education Program in Communications**Account Number 41-26-01-361**

1. Judith A. Buck, Clerk-Typist II.....	N50	\$ 1 680
<i>Total, Office of Education Program in Communications.</i>		<u>\$ 1 680</u>

Special Fund**Account Number 00-26-05-300**

1. Mary M. Gaddy, 8682, Statistical Clerk.....	N	\$ 3 300
2. ———, 1489, Typing Clerk II.....	N	2 880
<i>Total, Special Fund</i>		<u>\$ 6 180</u>

Digital Computer Laboratory**Account Number 00-26-15-300**

1. Joseph V. Wentz, 6074, Electronics Engineering Assistant	N	\$ 6 720
2. G. W. Michael, 1494, Laboratory Program Administrative Assistant.....	N	8 010
3. ———, 6700, Clerk-Stenographer II.....	N	3 480
4. Marilyn J. Briley, 8036, Clerk-Typist III.....	N	3 420
5. Dale W. Smith, 1497, Draftsman.....	ZN65	2 340
(Total Salary)		(3 600)
6. Thomas E. Kerkering, 8151, Model Maker.....	ZN50	4 050
(Total Salary)		(8 100)
7. Lee Whyte, 8521, Laboratory Manager.....	ZN75	8 775
(Total Salary)		(11 700)
8. James E. Bahls, 1499, Senior Laboratory Mechanic.....	ZN50	3 291
(Total Salary)		(6 582)
9. Elizabeth I. Ems, 8031, Card Punch Operator I.....	N	2 700
10. Norma I. Jenkins, 1501, Computer Teletype Operator.....	N	3 360
11. Margaret G. Belsley, 7745, Digital Computer Operator I.....	N	4 200
12. Ramona J. Russell, 7741, Digital Computer Operator II.....	N	6 000
13. Helen B. Peek, 1500, Secretary — Stenographic.....	N	5 820
14. Victor B. Apke, 8195, Storekeeper II.....	ZN50	2 430
(Total Salary)		(4 860)
15. Ronald A. Gustafson, 1496, Electronics Technician I.....	N	4 200
<i>Total, Digital Computer Laboratory</i>		<u>\$68 796</u>

Illiac Service**Account Number 09-26-15-942**

1. ———, 7578, Statistical Clerk.....	N50	\$ 1 356
2. Enola A. Moske, 7750, Clerk-Stenographer III.....	N	4 200
3. Donald R. Greenwood, 6029, Digital Computer Operator I.....	N	4 080
4. Richard V. Hoppe, 5309, Digital Computer Operator I.....	N	3 900
5. William L. Huffman, 5308, Digital Computer Operator II.....	N	6 480

6. Merlin J. Foster, 8688, Computer Programmer I.....	N	5 640
7. Bennie D. Williamson, 8593, Electronics Technician I...	N	4 440
8. Robert L. Miller, 7360, Electronics Technician II.....	N	5 160
9. Edmund Pelg, 7897, Electronics Technician II.....	N	6 000
10. ———, 7961, Tape Equipment Technician.....	N	4 380
<i>Total, Illiac Service.....</i>		<u>\$45 636</u>

650 Service

Account Number 09-26-15-978

1. Robert S. Mullen, 8574, Digital Computer Operator I...	N	\$ 4 200
<i>Total, 650 Service.....</i>		<u>\$ 4 200</u>

Indirect Costs — Digital Computer Laboratory — Taub

Account Number 41-26-15-382

1. Kenneth C. Law, 8511, Engineering Draftsman I.....	N	\$ 5 100
2. Clifford E. Carter, 5959, Computer Engineer.....	N	9 000
3. Harold E. Lopeman, 1495, Electronics Engineer.....	N	8 640
4. Thomas E. Kerkering, 8151, Model Maker.....	ZN50	4 050
5. Lee Whyte, 8521, Laboratory Manager.....	ZN25	2 925
6. James E. Bahls, 1499, Senior Laboratory Mechanic.....	ZN50	3 291
7. Victor B. Apke, 8195, Storekeeper II.....	ZN50	2 430
8. Larry L. Byers, 8372, Electronics Technician I.....	N	4 500
9. Arlyle F. Irwin, 6205, Electronics Technician II.....	N	5 400
10. Shirlee P. Krabbe, 6241, Electronics Technician II.....	N	6 000
11. Frank P. Serio, 7902, Electronics Technician II.....	N	6 480
<i>Total, Indirect Costs — Digital Computer Laboratory — Taub.....</i>		<u>\$57 816</u>

Cooperative Investigations

U.S. ATOMIC ENERGY COMMISSION 415

Account Number 46-26-15-303

1. James K. Burrell, 7945, Draftsman.....	N	\$ 4 440
2. Clifford W. Schilling, 8573, Draftsman.....	N	4 620
3. Dale W. Smith, 1497, Draftsman.....	ZN35	1 260
4. Walter A. Hromadnik, 8605, Junior Laboratory Mechanic	N	5 520
5. Ralph M. Rivera, 1498, Junior Laboratory Mechanic.....	N	5 910
6. Bernard M. Doden, Electronics Technician I.....	N	4 200
7. John L. Fileccia, 7589, Electronics Technician I.....	N	4 440
8. Alfred F. A. Fischer, 8475, Electronics Technician I.....	N	4 440
9. Floyd W. Gruen, 8604, Electronics Technician I.....	N	4 200
10. Joseph L. Link, 8373, Electronics Technician I.....	N	4 200
11. Artie L. Reeves, 6553, Electronics Technician I.....	N	4 680
12. Benjamin A. Sadler, 8259, Electronics Technician I.....	N	4 200
13. Stanley N. Stoltz, 8697, Electronics Technician I.....	N50	2 100
14. George A. Tagge, 8341, Electronics Technician I.....	N	4 440
15. Robert F. Coady, 8032, Electronics Technician II.....	N	5 460
16. Richard F. Kingsley, 7381, Electronics Technician II ...	N	5 280
17. John D. Sullivan, 7895, Electronics Technician II.....	N	5 760
<i>Total, U.S. Atomic Energy Commission 415.....</i>		<u>\$75 150</u>

NATIONAL SCIENCE FOUNDATION PROGRAM —

ELECTRON MICROSCOPE LABORATORY

Account Number 41-26-21-356

1. Olive L. Stayton, 7851, Assistant Laboratory Attendant..	N	\$ 3 520
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Illinois Historical Survey

Account Number 00-26-25-300

1. Steven H. Moll, 1615, Clerk-Typist II.....	N50	\$ 1 500
<i>Total, Illinois Historical Survey.....</i>		<u>\$ 1 500</u>

Natural Areas and Uncultivated Land

Account Number 00-26-33-300

1. Charles W. Smith, 1502, Forest Custodian.....	P	\$ 5 325
<i>Total, Natural Areas and Uncultivated Land.....</i>		<u>\$ 5 325</u>

Physical Environment Unit

Account Number 00-26-35-300

1. Helen McDonnell, 1364, Clerk-Typist III.....	ZN40	\$ 1 574
(Total Salary)		(3 930)
2. Lawrence D. Siler, 7049, Environment Laboratory Operator.....	N	6 762
<i>Total, Physical Environment Unit.....</i>		<u>\$ 8 336</u>

Radiocarbon Laboratory

Account Number 00-26-40-300

1. _____, 8680, Clerk-Typist III.....	ZN50	\$ 1 740
(Total Salary)		(3 480)
<i>Total, Radiocarbon Laboratory.....</i>		<u>\$ 1 740</u>

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE 493

Account Number 46-26-40-367

1. James G. Bergan, 7834, Senior Laboratory Attendant.....	N	\$ 4 920
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State Natural History Survey**Cooperative Investigations**

U.S. PUBLIC HEALTH SERVICE E1349

Account Number 46-26-82-368

1. Keith P. Dauphin, 7448, Assistant Laboratory Attendant	N	\$ 3 640
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STATE OF ILLINOIS DEPARTMENT OF CONSERVATION —

WILDLIFE STUDIES

Account Number 47-26-82-313

1. Margie L. Keele, 8311, Clerk-Typist III.....	N	\$ 3 480
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State Water Survey**Cooperative Investigations**

U.S. ARMY SIGNAL CORPS 75055IC

Account Number 45-26-84-312

1. Lawrence A. Sticher, 5557, Laboratory Program Administrative Assistant	N50	\$ 4 150
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U.S. AIR FORCE 4940

Account Number 46-26-84-306

1. Irene R. Koch, 6489, Meteorological Aide II.....	N	\$ 4 800
2. _____, 5552, Meteorological Aide II.....	N	5 400
3. _____, 8171, Statistical Clerk.....	N	3 120
4. George R. Boyd, 8602, Draftsman.....	N75	3 600
5. Don H. Summers, 7937, Electronics Technician II.....	N	6 000
<i>Total, U.S. Air Force 4940.....</i>		<u>\$22 920</u>

U.S. ARMY SIGNAL CORPS 75055

Account Number 46-26-84-312

1. Dorothy A. Gurney, 6605, Meteorological Aide I.....	N	\$ 3 900
2. _____, 6933, Meteorological Aide I.....	N	3 600
3. Ruth C. Wilk, 6371, Meteorological Aide II.....	N	5 340
4. _____, 5921, Meteorological Aide II.....	N	4 320
5. Edna M. Anderson, 5299, Clerk-Typist II.....	N	3 900
6. Charles F. Medrow, 8793, Electronics Technician I.....	N	4 500
<i>Total, U.S. Army Signal Corps 75055.....</i>		<u>\$25 560</u>

U.S. NATIONAL SCIENCE FOUNDATION G17038

Account Number 46-26-84-365

1. _____, 6704, Meteorological Aide I.....	N	\$ 3 900
2. _____, 8171, Statistical Clerk.....	H	3 132
<i>Total, U.S. National Science Foundation G17038.....</i>		<i>\$ 7 032</i>

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Administration

Account Number 00-28-01-100

1. Norma E. Carr, 1649, Chief Clerk.....	N	\$ 7 200
2. Martha P. Senger, 1652, Clerk-Stenographer II.....	N	3 600
3. _____, 7636, Clerk-Stenographer II.....	N50	1 680
4. Kristin E. Dahlstrom, 1650, Clerk-Stenographer III.....	N	3 840
<i>Total, Administration</i>		<i>\$16 320</i>

Institute of Communications Research

Account Number 00-28-20-300

1. Carol E. Ruehl, 5541, Clerk-Stenographer III.....	N	\$ 4 140
<i>Total, Institute of Communications Research.....</i>		<i>\$ 4 140</i>

Cooperative Investigations

SOCIAL HUMAN ECOLOGY MEANING SYSTEMS

Account Number 44-28-20-378

1. Eileen M. Kaderavek, 6828, Clerk-Typist III.....	ZN50	\$ 1 800
<i>(Total Salary)</i>		<i>(3 600)</i>

U.S. OFFICE OF EDUCATION SAE 8722

Account Number 46-28-20-362

1. Thelma F. Chalmers, 8690, Statistical Clerk.....	N50	\$ 1 680
2. Pearlle M. Stovall, 8272, Clerk-Typist III.....	N	3 300
<i>Total, U.S. Office of Education SAE 8722.....</i>		<i>\$ 4 980</i>

U.S. PUBLIC HEALTH SERVICE M 3941

Account Number 46-28-20-364

1. Eileen M. Kaderavek, 6828, Clerk-Typist III.....	ZN50	\$ 1 800
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Broadcasting

Administration

Account Number 00-28-21-400

1. Faye Bachert, 1690, Secretary — Stenographic.....	ZN50	\$ 2 460
<i>(Total Salary)</i>		<i>(4 920)</i>
<i>Total, Administration</i>		<i>\$ 2 460</i>

Radio Station

Account Number 00-28-25-400

1. Edward W. Cade, 1664, Chief Announcer.....	N50	\$ 2 820
2. Beverly Appleby, 1673, Broadcasting Program Assistant..	N50	2 190
3. Richard L. Benson, 1675, Broadcasting Program Assistant	N50	2 100
4. Carolyn A. Berleman, 1672, Broadcasting Program Assistant.....	N	4 440
5. Robert P. Crawford, 1667, Broadcasting Program Assistant.....	N	3 900
6. Bernice I. Cross, 1666, Broadcasting Program Assistant..	N	4 380
7. Truman D. Hayes, 1674, Broadcasting Program Assistant	N50	2 100
8. Gunther J. Holst, 1674, Broadcasting Program Assistant	N	2 100
9. Donald E. King, 1679, Broadcasting Program Assistant..	N50	2 100
10. Diane E. Lange, 1668, Broadcasting Program Assistant..	N	3 900
11. Jeannette P. Reinvald, 7995, Broadcasting Program Assistant	N	3 900
12. _____, Broadcasting Program Assistant.....	N50	2 100
13. Marlene A. Ackerman, 1691, Clerk-Stenographer I.....	ZN50	1 455
<i>(Total Salary)</i>		<i>(2 910)</i>
14. Eva M. Benton, 1684, Broadcasting Engineer.....	P	5 640

15. Jean W. Burkhead, 1688, Broadcasting Engineer.....	P50	2 703
16. Richard J. Donahue, 1685, Broadcasting Engineer.....	P	4 698
17. Lloyd L. Massingill, 1682, Broadcasting Engineer.....	P	5 640
18. Gerald D. Wood, 1695, Broadcasting Engineer.....	P	5 640
19. Rob R. Beldon, 1663, Chief Broadcasting Engineer.....	ZN50	5 190
(Total Salary)		(10 380)
20. Clarence H. Berbaum, 5487, Assistant Chief Broadcasting Engineer.....	N	8 100
21. Roland P. Mascal, 6932, Radio Operator.....	P	5 013
22. Faye Bachert, 1690, Secretary—Stenographic.....	ZN50	2 460
(Total Salary)		(4 920)
23. John A. Regnell, 1661, Supervisor of Educational Programs.....	N75	6 920
(Total Salary)		(9 000)
(Also academic)		
24. Kenneth L. Cutler, 1662, Supervisor of Music.....	N	8 220
25. Jimmie G. Turpin, 6417, Supervisor of Sports Broadcasts	N	6 390
<i>Total, Radio Station.....</i>		<i>\$104 099</i>

RECORDING SERVICE

Account Number 09-28-25-973

1. Edna Haney, 1681, Broadcasting Engineer.....	P	\$ 5 640
<i>Total, Recording Service.....</i>		<i>\$ 5 640</i>

NATIONAL ASSOCIATION OF EDUCATIONAL BROADCASTERS**TAPE NETWORK**

Account Number 44-28-25-456

1. Robert Underwood, Jr., 1659, NAEB Tape Network Manager.....	N	\$ 7 200
2. ———, 6732, Production Assistant Network Manager.....	N	5 700
3. Dorothy D. Templeton, 1660, Assistant Network Traffic Manager.....	N	3 900
4. Gabor I. Belso, 7218, Audio-Visual Aids Technician I... N		3 420
5. Zoltan Ujhelyi, 6930, Audio-Visual Aids Technician I... N		3 900
<i>Total, National Association of Educational Broadcasters Tape Network</i>		<i>\$24 120</i>

Television-Motion Pictures

Account Number 00-28-28-400

1. Jesse W. Barr, 1678, Broadcasting Program Assistant....	ZN50	\$ 2 400
(Total Salary)		(4 800)
2. Ursula Maksic, 1676, Broadcasting Program Assistant...	N75	3 600
3. John A. Ravencroft, 7974, Broadcasting Program Assistant.....	N75	3 150
4. ———, 1697, Television Cameraman.....	N	5 840
5. Cyrela A. Tarter, 7175, Typing Clerk III.....	ZN50	2 100
(Total Salary)		(4 200)
6. ———, 7175, Typing Clerk III.....	N50	1 560
7. Marlene A. Ackerman, 1691, Clerk-Stenographer I.....	ZN50	1 455
(Total Salary)		(2 910)
8. David L. Lange, 6107, Television Production Coordinator	N	6 400
9. William T. Dale, 7158, Television Director-Producer....	N	7 560
10. Stevan Borleff, 1683, Broadcasting Engineer.....	P	5 640
11. Lane W. Cox, 1686, Broadcasting Engineer.....	P	4 698
12. William E. Hermes, 7134, Broadcasting Engineer.....	P	5 013
13. Larry J. Inman, 1689, Broadcasting Engineer.....	P	5 325
14. Charles W. Kelly, 6257, Broadcasting Engineer.....	P50	2 610
15. Rob R. Beldon, 1663, Chief Broadcasting Engineer.....	ZN50	5 190
(Total Salary)		(10 380)
16. Johnny F. Wahlfeldt, 7533, Assistant Chief Broadcasting Engineer.....	N	8 640

17. Byrl L. Sims, 1696, Motion Pictures Productions Supervisor.....	N	8 800
18. Harold D. Blue, 6121, Television Writer-Producer.....	N	6 440
<i>Total, Television-Motion Pictures.....</i>		<u>\$86 421</u>

TELEVISION FILM SERVICE

Account Number 09-28-28-982

1. Patricia A. Crandall, 7948, Broadcasting Program Assistant.....	N	\$ 3 900
2. Joseph W. Skehen, 8365, Broadcasting Program Assistant.....	N75	3 900
3. Cyrela A. Tarter, 7175, Typing Clerk III.....	ZN50	2 100
<i>Total, Television Film Service.....</i>		<u>\$ 9 900</u>

COLLEGE OF LAW

Account Number 00-30-10-100

1. C. Margaret Wascher, 1642, Chief Clerk.....	N	\$ 5 880
2. ———, 1646, Clerk-Stenographer II.....	N	3 120
3. ———, 1643, Clerk-Stenographer II.....	N	2 700
4. Audrey L. Mathias, 8522, Clerk-Stenographer III.....	N	3 840
5. Judith Fay Deloney, 1645, Clerk-Typist II.....	N	2 760
6. Beverly A. Derry, Secretary — Stenographic.....	N	4 500
7. Marian H. Martin, 1641, Administrative Secretary — Stenographic.....	N	8 600
<i>Total, College of Law.....</i>		<u>\$31 400</u>

COLLEGE OF LIBERAL ARTS AND SCIENCES

Administration

Account Number 00-32-01-100

1. Helen I. Esworthy, 7905, Credentials Analyst.....	N	\$ 4 290
2. Erma C. Koehn, 8606, Clerk III.....	N	3 810
3. Betty Brooks Smith, 5175, Chief Clerk.....	N	6 600
4. Mary K. Miller, 8438, Typing Clerk II.....	N	2 970
5. ———, 0501, Clerk-Stenographer II.....	N	3 000
6. ———, 0497, Clerk-Stenographer III.....	N	3 840
7. ———, 0500, Clerk-Typist II.....	N	2 820
8. Claudine A. Hayes, 8057, Clerk-Typist III.....	N	3 600
9. Mary J. Westphal, 0499, Secretary — Stenographic.....	N	4 980
10. Lucille N. Ellis, 0496, Administrative Secretary — Stenographic.....	N	8 600
<i>Total, Administration.....</i>		<u>\$44 510</u>

Cooperative Investigations

U.S. OFFICE OF EDUCATION SAE 8652

Account Number 46-32-01-162

1. Bernice K. Skinner, 8361, Clerk-Typist III.....	N	\$ 3 300
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Anthropology

Account Number 00-32-07-100

1. Betty W. Starr, 8028, Secretary — Stenographic.....	N	\$ 5 670
<i>Total, Anthropology.....</i>		<u>\$ 5 670</u>

Astronomy

Account Number 00-32-10-100

1. ———, 8540, Typing Clerk II.....	N	\$ 2 700
<i>Total, Astronomy.....</i>		<u>\$ 2 700</u>

Cooperative Investigations

U.S. OFFICE OF NAVAL RESEARCH 183422

Account Number 46-32-10-364

1. Richard F. Ripper, 1342, Chief Clerk.....	ZN27	\$ 1 809
<i>(Total Salary).....</i>		<u>(6 700)</u>

2. Vernon E. Shepherd, 8125, Technical Draftsman-Illustrator I	N50	2 595
(Total Salary)		(5 190)
3. Arno H. Schrieffer, Jr., 8749, Junior Civil Engineer.....	N	7 200
4. Kenneth L. Seib, 7842, Electronics Engineer.....	N	7 200
5. Lyle L. Hawkey, 7522, Electronics Technician II.....	N	5 100
Total, U.S. Office of Naval Research 183422.....		\$23 904

Botany

Account Number 00-32-16-100		
1. Natalie H. Davis, 0516, Scientific Artist.....	N	\$ 5 010
2. Helen E. Sterrett, 0519, Assistant to Curator of Herbarium	N	4 440
3. Henry W. Harris, 7112, Equipment Attendant.....	N	5 010
4. ———, Junior Laboratory Attendant.....	N	4 500
5. Evelyn V. Menges, 0515, Chief Clerk.....	N	5 730
6. Mary A. Babcock, 0518, Clerk-Typist II.....	N	3 240
7. Jenine C. Peterson, 0517, Clerk-Typist II.....	N	3 300
8. Walter R. Cook, 0513, Senior Laboratory Mechanic.....	N	6 807
9. Peter E. Bloom, 7363, Nurseryman.....	N	5 970
10. Harold L. Tremaine, 6781, Nurseryman.....	N	5 970
Total, Botany		\$49 977

Cooperative Investigations**U.S. NATIONAL SCIENCE FOUNDATION G15947****Account Number 46-32-16-351**

1. Judith Jacobs, 8664, Senior Laboratory Attendant.....	N	\$ 4 920
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U.S. NATIONAL SCIENCE FOUNDATION G14239**Account Number 46-32-16-356**

1. ———, 1505, Clerk-Typist III.....	N67	\$ 2 800
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U.S. NATIONAL SCIENCE FOUNDATION G8819**Account Number 46-32-16-366**

1. Ervie T. Ditzler, 8714, Instrument Maker.....	ZN33	\$ 2 558
(Total Salary)		(7 674)

Chemistry and Chemical Engineering**Account Number 00-32-19-100**

1. John A. Saldeen, 8067, Electronics Engineering Assistant	ZN50	\$ 3 450
(Total Salary)		(6 900)
2. F. Thomas Gothard, Jr., 7311, Laboratory Program Administrative Assistant	N	6 800
3. Richard R. Lytle, 8546, Laboratory Program Administrative Assistant	ZN87	6 980
(Total Salary)		(8 065)
4. Robert E. Duvall, 0540, Senior Laboratory Attendant....	N	5 457
5. Ruth Mock, 0554, Animal Caretaker.....	N	5 400
6. Elsie M. Wilson, 0523, Administrative Clerk.....	N	8 500
7. Wandalou M. Ziegler, 0526, Chief Clerk.....	N	4 740
8. Patsy S. Beard, 8006, Clerk-Stenographer II.....	ZN50	1 500
(Total Salary)		(3 000)
9. Jacquelyn M. Long, 8403, Clerk-Stenographer II.....	N	3 780
10. Charlene A. Rossi, 0530, Clerk-Stenographer II.....	N	3 420
11. Joanne K. Short, 0529, Clerk-Stenographer II.....	N	3 600
12. ———, 7244, Clerk-Stenographer II.....	ZN50	1 800
(Total Salary)		(3 600)
13. Linda L. Lahey, 0525, Clerk-Stenographer III.....	N	4 110
14. Mae L. Pilkonis, 0532, Clerk-Stenographer III.....	N	4 200
15. Charlotte B. Proemmel, 0528, Clerk-Stenographer III....	N	4 680
16. B. Gail Puckette, 0533, Clerk-Stenographer III.....	N	3 900
17. Jeanne C. Hammer, 7291, Clerk-Typist II.....	ZN50	1 650
(Total Salary)		(3 300)
18. Catherine A. Davis, 7380, Clerk-Typist III.....	N	4 050
19. Ernst R. Proemmel, 7493, Electronics Engineer.....	N	7 300

20. Leon F. Goodyear, 0521, Glass Blower II.....	N95	8 300
(Total Salary)		(8 700)
(Also academic)		
21. ———, Instrument Maker.....	N	8 000
22. Harold G. Poindexter, 7334, Departmental Business Manager	N	9 800
23. A. Kenneth Parlour, 5732, Laboratory Manager.....	N	10 800
24. Virgil F. Clements, 0542, Senior Laboratory Mechanic....	N	6 762
25. Walter W. Demlow, 1272, Senior Laboratory Mechanic..	ZN50	3 453
(Total Salary)		(6 905)
26. Claude B. Dunn, 0543, Senior Laboratory Mechanic.....	N	6 807
27. S. A. Phillips, 0544, Senior Laboratory Mechanic.....	N	6 792
28. A. E. Wood, 0541, Senior Laboratory Mechanic.....	N	6 897
29. Margaret N. Durham, 7688, Placement Officer.....	N	5 820
30. Elva M. Burrows, 0524, Secretary — Stenographic.....	N	4 890
31. Doris W. Niccum, 6539, Secretary — Stenographic.....	N	4 890
32. Elanor P. Greeson, 0527, Secretary — Transcribing.....	N	4 740
33. Robert J. Edwards, 0546, Storekeeper I.....	N	4 360
34. ———, Storekeeper I.....	N	4 600
35. Gladson Burton, 0539, Storekeeper II.....	N	5 520
36. Carl S. Coad, 0538, Storekeeper II.....	N	5 520
37. Norman Greaves, 6164, Storekeeper II.....	N	4 860
38. John T. Kink, 0553, Storekeeper II.....	N	5 490
39. G. A. Pittman, 0537, Storekeeper II.....	N	5 520
40. Charles W. Schlatter, 0547, Storekeeper II.....	N	5 160
41. Leonard L. Applegate, 0549, Storekeeper III.....	N	5 550
42. R. E. Brown, 0548, Storekeeper III.....	N	5 550
43. Edward J. Gray, 0551, Storekeeper III.....	N	5 565
44. Louis L. Lafenhagen, 0550, Storekeeper III.....	N	5 550
45. John A. Mullen, Jr., 0535, Storekeeper III.....	N	5 400
46. M. T. Murrell, 0534, Storekeeper III.....	N	5 625
47. Glenn L. Percival, 0552, Storekeeper III.....	N	5 550
48. C. M. Scott, 0536, Storekeeper III.....	N	5 625
49. Verle Walters, 7431, Instrument and Measurement Technician II	N	7 800
Total, Chemistry and Chemical Engineering.....		\$266 513

Indirect Costs — Chemistry and Chemical Engineering

Account Number 40-32-19-300

1. Richard R. Lytle, 8546, Laboratory Program Administrative Assistant	ZN13	\$ 1 085
2. Judith A. Gilder, 8451, Clerk-Typist II.....	ZN50	1 500
(Total Salary)		(3 000)
3. Dorothy J. Brower, 0832, Clerk-Typist III.....	N	3 300
Total, Indirect Costs — Chemistry and Chemical Engineering.....		\$ 5 885

Cooperative Investigations

NATIONAL SCIENCE FOUNDATION PROGRAM —

ULTRACENTRIFUGE LABORATORY

Account Number 41-32-19-357

1. Charlotte K. Rhodes, 8442, Scientific Analyst.....	N	\$ 4 800
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A. P. SLOAN FOUNDATION, INC. — ORGANIC CHEMISTRY — ADAMS

Account Number 44-32-19-380

1. ———, 7244, Clerk-Stenographer II.....	ZN50	\$ 1 800
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U.S. AIR FORCE 7918

Account Number 46-32-19-303

1. Jeanne C. Hammer, 7291, Clerk-Typist II.....	ZN50	\$ 1 650
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U.S. ATOMIC ENERGY COMMISSION 691

Account Number 46-32-19-325

1. Judith A. Gilder, 8451, Clerk-Typist II.....	ZN50	\$ 1 500
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U.S. NATIONAL SCIENCE FOUNDATION G8735

Account Number 46-32-19-348

1. Robert E. Buffington, 7655, Scientific Analyst..... N \$ 5 700

U.S. NATIONAL SCIENCE FOUNDATION G5563

Account Number 46-32-19-359

1. Rene H. Dubus, 8502, Biochemistry Technologist..... N \$ 4 600

U.S. OFFICE OF NAVAL RESEARCH 183413

Account Number 46-32-19-364

1. John A. Saldeen, 8067, Electronics Engineering Assistant ZN50 \$ 3 450

U.S. OFFICE OF NAVAL RESEARCH 183434

Account Number 46-32-19-370

1. Joseph A. Massa, Jr., 8639, Scientific Analyst..... N \$ 5 400

U.S. PUBLIC HEALTH SERVICE RG7768

Account Number 46-32-20-335

1. Margaret C. Gregorich, 8576, Clerk-Stenographer III.... ZN67 \$ 2 400
(Total Salary) (3 600)

U.S. PUBLIC HEALTH SERVICE E3567

Account Number 46-32-20-352

1. Kathleen K. Kliever, 8294, Junior Laboratory Attendant N \$ 4 120

U.S. PUBLIC HEALTH SERVICE B574

Account Number 46-32-20-374

1. Margaret C. Gregorich, 8576, Clerk-Stenographer III... ZN33 \$ 1 200

U.S. PUBLIC HEALTH SERVICE 2G321

Account Number 46-32-20-383

1. James H. Johnson, 8477, Assistant Laboratory Attendant N \$ 3 360

U.S. PUBLIC HEALTH SERVICE C3765

Account Number 46-32-20-387

1. James R. Hunsley, 8169, Assistant Laboratory Attendant H \$ 3 368

U.S. PUBLIC HEALTH SERVICE A3086

Account Number 46-32-20-392

1. A. Cherith Watson, 8504, Scientific Analyst..... N \$ 4 500

Classics

Account Number 00-32-22-100

1. Lorraine B. Gray, 0835, Clerk-Typist III..... N50 \$ 1 740

Total, Classics \$ 1 740**English**

Account Number 00-32-25-100

1. Mary K. Peer, 0837, Administrative Clerk..... N \$ 8 500

2. Nina L. Logan, 0840, Clerk-Stenographer III..... N 3 840

3. Barbara A. Garrett, 0839, Clerk-Typist II..... N75 2 430

4. Nancy Kay Wilson, 7496, Clerk-Typist II..... N 3 000

5. ———, 0839, Clerk-Typist II..... N25 780

6. ———, Clerk-Typist II..... N 3 000

7. Marguerite R. Fisher, 0838, Secretary — Stenographic... N 5 730

Total, English \$27 280**Entomology**

Account Number 00-32-28-100

1. Astrid H. Hall, 0842, Clerk-Typist III..... N \$ 4 200

Total, Entomology \$ 4 200**French**

Account Number 00-32-31-100

1. Martha M. Fisher, 0843, Clerk-Stenographer III..... N \$ 4 800

Total, French \$ 4 800

Division of General Studies**Account Number 00-32-37-100**

1. Elizabeth W. Schultz, 0836, Secretary — Stenographic....	N	\$ 5 940
<i>Total, Division of General Studies.....</i>		<i>\$ 5 940</i>

Geography**Account Number 00-32-43-100**

1. James A. Bier, 7194, Cartographer.....	N	\$ 7 300
2. Dorothy D. Coslet, 7708, Clerk-Stenographer I.....	N50	1 700
3. Gladys Hollingshead, 0844, Secretary — Stenographic....	N	6 450
<i>Total, Geography</i>		<i>\$15 450</i>

Geology**Account Number 00-32-46-100**

1. ———, Clerk-Stenographer II.....	N50	\$ 1 500
2. Judith C. Smith, 0846, Clerk-Typist II.....	N	3 180
3. Sylvia C. Smith, 0847, Clerk-Typist III.....	N	3 780
4. Rosa M. Nickell, 0845, Secretary — Stenographic.....	N	7 200
<i>Total, Geology</i>		<i>\$15 660</i>

German**Account Number 00-32-49-100**

1. Herta V. Murrell, 0848, Clerk-Stenographer III.....	N	\$ 3 900
<i>Total, German</i>		<i>\$ 3 900</i>

History**Account Number 00-32-52-100**

1. ———, Clerk-Stenographer I.....	N	\$ 2 700
2. Ruth H. Lewis, 0849, Secretary — Stenographic.....	N	5 880
<i>Total, History</i>		<i>\$ 8 580</i>

School of Life Sciences**Account Number 00-32-53-100**

1. Dorothy M. Smith, 6511, Assistant to Museum Curator...	N60	\$ 2 910
2. Shirley A. Haggstrom, 0900, Clerk-Stenographer II.....	N50	1 740
3. Charles H. Beiger, Jr., 7330, Technical Draftsman-Illustrator I	N	4 710
4. Roy J. Charles, 0503, Senior Laboratory Mechanic.....	N	6 762
5. Alexander S. Wilson, 0502, Senior Laboratory Mechanic	N	6 822
6. Harry C. Henriksen, 6792, Museum Preparator.....	N	6 150
7. E. Kathleen Seeds, 0507, Secretary — Stenographic.....	N	5 040
<i>Total, School of Life Sciences.....</i>		<i>\$34 134</i>

Cooperative Investigations**U.S. OFFICE OF NAVAL RESEARCH 183430****Account Number 46-32-53-360**

1. Frances E. Engle, 7723, Senior Laboratory Attendant....	N	\$ 5 310
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U.S. PUBLIC HEALTH SERVICE 2A-28**Account Number 46-32-53-363**

1. Rita L. Disimone, 8292, Clerk-Stenographer III.....	N	\$ 4 080
2. Ervie T. Ditzler, 8714, Instrument Maker.....	ZN67	5 116
(Total Salary)		(7 674)
<i>Total, U.S. Public Health Service 2A-28.....</i>		<i>\$ 9 196</i>

Mathematics**Account Number 00-32-54-100**

1. ———, 0851, Clerk-Stenographer II.....	N	\$ 3 000
2. ———, Clerk-Stenographer III.....	N50	1 800
3. Marilyn R. Cullen, 7346, Clerk-Typist II.....	N	3 120
4. Lucretia M. Levy, 6642, Assistant Mathematics Editor...	N58	4 980
5. Marion Corzine, 0850, Secretary — Stenographic.....	N	6 330
<i>Total, Mathematics</i>		<i>\$19 230</i>

Cooperative Investigations**U.S. NATIONAL SCIENCE FOUNDATION G10101**

Account Number 46-32-54-161

1. Marjorie M. Beasley, 8141, Secretary — Stenographic....	N	\$ 4 800
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Microbiology

Account Number 00-32-55-100

1. John L. Buckner, 0506, Natural Science Technical Assistant	N	\$ 5 650
2. Leonora C. Updike, 5000, Assistant Laboratory Attendant	N	3 680
3. Lela B. McElwee, 0510, Junior Laboratory Attendant....	N	4 470
4. William H. Morse, 8021, Animal Caretaker.....	N	5 160
5. Mary K. Johnson, 0509, Clerk-Stenographer III.....	N	3 930
6. Dorothy A. Retzolk, 0508, Clerk-Typist III.....	N	3 810
7. Rose A. Neumann, 0511, Secretary — Stenographic.....	ZN75	3 645
(Total Salary)		(4 860)
8. Rovenia Fitzgerald, 8391, Secretary — Transcribing.....	N	4 860
9. Norman L. Miller, 0505, Instrument and Measurement Technician I	N	4 260
10. Owen G. Gilbert, 7935, Stock Culture Technician.....	N	4 500
<i>Total, Microbiology</i>		\$43 965

Cooperative Investigations**AMERICAN CANCER SOCIETY E59B**

Account Number 44-32-55-305

1. Hazel I. Ragle, 6524, Assistant Laboratory Attendant....	N	\$ 3 560
2. Effie G. Bailey, 0512, Junior Laboratory Attendant.....	N	4 280
3. Elsie G. Cameron, 8505, Junior Laboratory Attendant....	N	4 120
<i>Total, American Cancer Society E59B</i>		\$11 960

U.S. NATIONAL SCIENCE FOUNDATION G15080

Account Number 46-32-55-363

1. ———, 8488, Junior Laboratory Attendant.....	N50	\$ 1 920
2. Roberta Y. Neuman, 8698, Senior Laboratory Attendant..	N	4 920
3. Margaret E. McCarty, 8668, Clerk-Typist II.....	N50	1 500
<i>Total, U.S. National Science Foundation G15080</i>		\$ 8 340

U.S. PUBLIC HEALTH SERVICE C1094

Account Number 46-32-55-368

1. Robert L. Jones, 6557, Assistant Laboratory Attendant....	N	\$ 3 560
2. Ruth A. Habing, 8663, Clerk-Stenographer II.....	H	3 132
3. Rose A. Neumann, 0511, Secretary — Stenographic.....	ZN25	1 215
<i>Total, U.S. Public Health Service C1094</i>		\$ 7 907

U.S. PUBLIC HEALTH SERVICE 2G-510

Account Number 46-32-55-370

1. Janice M. Therien, 8517, Junior Laboratory Attendant...	N	\$ 4 120
2. ———, 8518, Biochemistry Technologist.....	N	4 620
<i>Total, U.S. Public Health Service 2G-510</i>		\$ 8 740

Philosophy

Account Number 00-32-57-100

1. Betty M. Moore, 0852, Clerk-Stenographer III.....	N	\$ 4 080
2. ———, 7983, Clerk-Typist II.....	N50	1 500
<i>Total, Philosophy</i>		\$ 5 580

Indirect Costs — Graduate Philosophy — Fisch

Account Number 41-32-57-326

1. Janice A. Becker, 8731, Clerk-Typist II.....	N	\$ 2 700
<i>Total, Indirect Costs — Graduate Philosophy — Fisch...</i>		\$ 2 700

Physiology

Account Number 00-32-60-100

1. Stella Montgomery, 5514, Foods Laboratory Assistant...	N	\$ 3 840
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2. ———, Junior Laboratory Attendant.....	N	4 000
3. Olen Mackey, 0855, Animal Caretaker.....	N	5 590
4. Mary J. Arndt, 7840, Clerk-Stenographer I.....	N	(3 610)
5. Glennis Helmintoller, 8435, Clerk-Stenographer III.....	N	4 060
6. Edythe Davis, 0856, Clerk-Typist III.....	N	4 140
7. ———, 0854, Secretary — Stenographic.....	N	4 380
8. Russell J. Gillogly, 0853, Storekeeper II.....	N	5 520
9. Frances D. Robbins, 8087, Biochemistry Technologist.....	N	5 000
<i>Total, Physiology</i>		\$36 530

Cooperative Investigations

U.S. ATOMIC ENERGY COMMISSION 878

Account Number 46-32-60-308

1. Barbara D. Butler, Senior Laboratory Attendant.....	N60	\$ 2 952
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Political Science

Account Number 00-32-63-100

1. Carolyn J. Higgs, 0857, Clerk-Stenographer III.....	N	\$ 4 290
2. ———, 8410, Clerk-Stenographer III.....	G	2 700
(Nine months)		
<i>Total, Political Science</i>		\$ 6 990

Psychology

Account Number 00-32-66-100

1. Ellen Squillace, 7050, Personnel Assistant II.....	N	\$ 4 050
2. ———, Equipment Attendant.....	N50	2 000
3. Ulysses G. Mullen, 0864, Assistant Laboratory Attendant..	N50	1 850
4. Joan G. Fenstermaker, 0860, Chief Clerk.....	N	5 040
5. Mary C. Colacurcio, 7098, Clerk-Stenographer III.....	N	4 080
6. Mary P. Innes, 7527, Clerk-Typist III.....	N	3 930
7. Janolee A. Krueger, 0866, Clerk-Typist III.....	N	3 300
8. Ellen M. Thilker, 0862, Clerk-Typist III.....	N	3 660
9. ———, 0863, Clerk-Typist III.....	N50	1 710
10. ———, 8261, Clerk-Typist III.....	N	3 600
11. Merle Ridgley, 1492, Instrument Maker.....	N	7 794
<i>Total, Psychology</i>		\$41 014

Cooperative Investigations

U.S. AIR FORCE 5705

Account Number 46-32-66-306

1. Albert H. Bowman, 5953, Model Maker.....	ZN50	\$ 4 160
(Total Salary)		(8 320)
2. Genevieve C. Baker, 0873, Secretary — Transcribing.....	ZN50	2 370
(Total Salary)		(4 740)
<i>Total, U.S. Air Force 5705</i>		\$ 6 530

U.S. AIR FORCE 371

Account Number 46-32-66-311

1. Albert H. Bowman, 5953, Model Maker.....	ZN50	\$ 4 160
2. Genevieve C. Baker, 0873, Secretary — Transcribing.....	ZN50	2 370
<i>Total, U.S. Air Force 371</i>		\$ 6 530

U.S. OFFICE OF EDUCATION SAE 8383

Account Number 46-32-66-361

1. ———, 8007, Clerk II.....	N	\$ 2 640
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U.S. OFFICE OF NAVAL RESEARCH 1834-36

Account Number 46-32-66-362

1. Julia H. Watson, 7637, Clerk-Stenographer III.....	N	\$ 3 840
2. Eleanor H. Mikesell, 8545, Clerk-Typist II.....	N	3 510
<i>Total, U.S. Office of Naval Research 1834-36</i>		\$ 7 350

U.S. PUBLIC HEALTH SERVICE M1206

Account Number 46-32-66-365

1. Phyllis L. Steward, 5682, Statistical Clerk.....	N	\$ 3 810
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U.S. PUBLIC HEALTH SERVICE M1041 R2

Account Number 46-32-66-366

1. —————, 7652, Clerk II.....	N	\$ 3 180
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U.S. PUBLIC HEALTH SERVICE M1774

Account Number 46-32-66-367

1. Jill V. Ali, 7736, Clerk-Stenographer III.....	N	\$ 3 810
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U.S. PUBLIC HEALTH SERVICE M1733

Account Number 46-32-66-371

1. Carolyn S. Roland, 8183, Clerk-Typist II.....	N	\$ 2 760
2. Mabel W. Wolf, 6495, Clerk-Typist II.....	N	2 760
3. —————, 7474, Statistician I.....	N50	2 316
<i>U.S. Public Health Service M1733.....</i>		<u>\$ 7 836</u>

Russian

Account Number 00-32-68-100

1. Pauline M. Apperson, 8013, Clerk-Typist III.....	N	\$ 3 990
<i>Total, Russian</i>		<u>\$ 3 990</u>

Sociology

Account Number 00-32-69-100

1. Coena B. Blair, 0883, Clerk-Typist II.....	G	\$ 2 445
(Nine months)		
2. Elma L. Castor, 0882, Secretary — Stenographic.....	N	7 200
<i>Total, Sociology</i>		<u>\$ 9 645</u>

Cooperative Investigations**FORD FOUNDATION — RECIDIVISM**

Account Number 44-32-69-329

1. —————, 7475, Clerk-Stenographer II.....	N	\$ 3 840
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STATE OF ILLINOIS DIVISION OF HIGHWAYS —**SOCIAL FACTORS IN TRAFFIC**

Account Number 47-32-69-378

1. Betty L. McGregor, 8144, Clerk-Typist II.....	ZN45	\$ 1 660
(Total Salary)		(3 690)

Spanish and Italian

Account Number 00-32-72-100

1. Judith J. Zelenka, 8422, Clerk-Stenographer II.....	G50	\$ 1 215
(Nine months)		
2. Mary E. Valdes, 0885, Clerk-Stenographer III.....	N	4 260
<i>Total, Spanish and Italian.....</i>		<u>\$ 5 475</u>

Speech and Theatre

Account Number 00-32-75-100

1. Patricia J. McFarlin, 5205, Clerk-Stenographer II.....	N	\$ 3 000
2. Shirley J. Davidson, 0888, Clerk-Stenographer III.....	N	3 870
3. Annette F. Merson, 0889, Clerk-Stenographer III.....	N	3 600
4. Joan N. Moretta, 0890, Clerk-Stenographer III.....	N	3 600
5. B. June Tinsley, 0887, Clerk-Stenographer III.....	N	3 600
6. Ronda L. Cornwell, 0891, Clerk-Typist II.....	N	3 000
7. Katherine A. Mullen, 0886, Secretary — Stenographic....	N	7 200
8. James C. Greep, 1491, Electronics Technician I.....	N75	4 020
9. —————, 1491, Electronics Technician I.....	H25	2 000
<i>Total, Speech and Theatre.....</i>		<u>\$33 890</u>

Zoology

Account Number 00-32-79-100

1. Alice A. Boatright, 0899, Scientific Artist.....	G	\$ 5 100
(Ten months)		
2. F. B. Norton, 0895, Assistant Laboratory Attendant.....	N75	2 267
3. Ruth W. Bruckner, 0894, Clerk-Stenographer III.....	N	4 770

4. Mary A. Poll, 0893, Clerk-Stenographer III.....	N	4 140
5. Geraldine Cumberland, 0896, Clerk-Typist II.....	N	3 060
6. Ruth E. Manning, 0898, Clerk-Typist II.....	N	3 300
7. August Kosowski, 0897, Senior Laboratory Mechanic.....	N	6 792
8. Robert W. Hinton, 0892, Storekeeper III.....	N	5 565
<i>Total, Zoology</i>		<u>\$34 994</u>

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE H2775

Account Number 46-32-79-367

1. _____, 7656, Scientific Analyst.....	N	\$ 3 900
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U.S. PUBLIC HEALTH SERVICE RG 7779

Account Number 46-32-79-373

1. Barbara C. Lindquist, 8052, Scientific Analyst.....	N	\$ 5 040
2. Mary S. Shelton, 8571, Senior Laboratory Attendant.....	N	4 920
<i>Total, U.S. Public Health Service RG 7779</i>		<u>\$ 9 960</u>

COLLEGE OF PHYSICAL EDUCATION**Administration**

Account Number 00-36-01-100

1. K. Judith Frick, 8008, Clerk-Stenographer I.....	N	\$ 2 700
2. Leona Alexander, 1595, Administrative Secretary—Stenographic.....	N	6 600
<i>Total, Administration</i>		<u>\$ 9 300</u>

Health and Safety Education

Account Number 00-36-05-100

1. Jolene M. Marcacci, 8542, Clerk-Stenographer I.....	G50	\$ 1 013
(Nine months)		
2. Nancy M. Heritter, 1604, Clerk-Stenographer III.....	N	3 870
<i>Total, Health and Safety Education</i>		<u>\$ 4 883</u>

Physical Education for Men

Account Number 00-36-10-100

1. Woodrow W. Broockey, 1600, Men's Locker Room Attendant.....	N	\$ 5 580
2. Donald Eason, 1598, Men's Locker Room Attendant.....	N	5 550
3. Forrest J. McCartney, 1596, Men's Locker Room Attendant.....	N	4 860
4. Alexandre Jankowsky, Statistical Clerk.....	N50	1 740
5. Glenna I. Powers, 8291, Clerk-Stenographer I.....	N	3 120
6. Barbara R. Henry, 1606, Clerk-Stenographer III.....	N	3 600
7. Elva Vogel, 5513, Clerk-Typist II.....	G88	2 360
(Nine months)		
8. Ann S. Fottler, 1602, Secretary—Stenographic.....	N	5 130
9. Bernice E. Sullivan, 1603, Secretary—Stenographic.....	N	5 220
10. Mary L. Jewett, 1605, Statistician I.....	N50	2 280
11. Mary P. Frey, 6098, Medical Technologist II.....	N	4 980
<i>Total, Physical Education for Men</i>		<u>\$44 420</u>

Physical Education for Women

Account Number 00-36-20-100

1. Mary A. Iles, 1613, Women's Locker Room Attendant....	H	\$ 3 310
2. Opal Moyer, 1614, Women's Locker Room Attendant....	H	3 320
3. _____, 1612, Women's Locker Room Attendant....	H	3 145
4. _____, Clerk-Typist I.....	G50	900
(Nine months)		
5. _____, 7178, Clerk-Typist I.....	G50	1 125
(Nine months)		
6. Margaret A. Bird, 8316, Clerk-Typist II.....	N	2 700

7. Jo Ann Gough, 1611, Clerk-Typist II.....	N	2 520
8. Margaret E. Hartrick, 1610, Secretary — Transcribing....	N	4 920
<i>Total, Physical Education for Women.....</i>		<u>\$21 940</u>

Recreation

Account Number 00-36-25-100		
1. Wilma A. Raup, 1607, Clerk-Stenographer II.....	N	\$ 3 000
2. Maxine A. Mason, 1608, Secretary — Stenographic.....	N	5 100
<i>Total, Recreation</i>		<u>\$ 8 100</u>

Student Rehabilitation Center

Account Number 00-36-30-100		
1. Leta M. Cox, 6515, Clerk-Typist II.....	N	\$ 3 240
2. Marietta J. Kirkwood, 1609, Clerk-Typist III.....	N	4 500
3. ———, Clerk-Typist III.....	N	3 400
4. Fay F. Fergusson, Jr., 7831, Supervisor of Rehabilitation Equipment and Facilities.....	N	5 700
<i>Total, Student Rehabilitation Center.....</i>		<u>\$16 840</u>

Cooperative Investigations**NATIONAL SOCIETY FOR CRIPPLED CHILDREN AND ADULTS —
BUILDING SPECIFICATIONS**

Account Number 44-36-30-355		
1. ———, 8142, Clerk-Typist II.....	N	\$ 1 920
2. Ronald A. Stein, 8157, Architectural Draftsman I.....	G50	2 000
(Ten months)		
<i>Total, National Society for Crippled Children and Adults — Building Specifications</i>		<u>\$ 3 920</u>

DIVISION OF UNIVERSITY EXTENSION**Administration**

Account Number 00-40-01-400		
1. Hal R. Hubbard, 1780, Administrative Clerk.....	N	\$ 5 700
2. Linda B. Weis, 1783, Clerk-Stenographer III.....	N	3 780
3. Janice R. Peterson, 7387, Clerk-Typist II.....	N	2 790
4. Tommy L. Kumler, 1784, Duplicating Machine Operator I	N	2 880
5. Robert J. Silver, 1781, Duplicating Machine Operator III.	N	5 190
6. Marjorie F. Lewis, 1782, Secretary — Stenographic.....	N	5 400
<i>Total, Administration</i>		<u>\$25 740</u>

Correspondence Courses

Account Number 00-40-10-100		
1. ———, 1799, Clerk-Stenographer III.....	N	\$ 3 720
2. Shirley Jane Bright, 1806, Clerk-Typist I.....	N	2 400
3. M. Kay Childers, 1804, Clerk-Typist I.....	N	2 550
4. Barbara A. Keele, 1802, Clerk-Typist I.....	N	2 400
5. Christine L. Gobble, 1801, Clerk-Typist III.....	N	3 300
6. Frances B. McGath, 1800, Clerk-Typist III.....	N	3 420
<i>Total, Correspondence Courses.....</i>		<u>\$17 790</u>

Cooperative Investigations**STATE OF ILLINOIS — PUBLIC SAFETY AND FIRE PREVENTION**

Account Number 47-40-15-426		
1. Carolyn L. Cole, 7450, Clerk-Typist II.....	N	\$ 3 270

Conference Programs

Account Number 00-40-20-400		
1. Louise W. Munson, 1770, Chief Clerk.....	ZN80	\$ 3 510
(Total Salary)		(4 380)
2. Betty L. Frederick, 1786, Clerk-Stenographer III.....	N	4 500
3. Gretchen H. Rosengren, 1788, Clerk-Stenographer III....	N	3 600

4. Anita J. Fleming, 3119, Clerk-Typist III.....	N	3 420
5. Eugene H. Schroth, 5302, Assistant Director of Allerton House.....	N	8 040
(Perquisites University — room and board)		
<i>Total, Conference Programs.....</i>		<u>\$23 070</u>

Short Courses and Conferences Revolving

Account Number 12-40-20-470

1. Max M. Paris, 1793, Commercial Artist II.....	N	\$ 7 080
2. Janet E. Safford, 6825, Clerk-Typist III.....	N	3 540
<i>Total, Short Courses and Conferences Revolving.....</i>		<u>\$10 620</u>

Auxiliary — Allerton House Operation

Account Number 18-40-20-784

1. Louise W. Munson, 1770, Chief Clerk.....	ZN20	\$ 870
(Perquisites University — one meal)		
2. John L. Cruse, 3118, Clerk-Typist II.....	H	3 600
3. Edith Allison, 3104, First Cook.....	H	3 750
4. ———, 3107, Head Cook.....	H	3 696
5. Louise Gadbury, 6159, Second Cook.....	H	3 281
6. Avis Bennett, 8200, Kitchen Helper.....	H	2 730
7. L. Faye Hayes, 3116, Kitchen Helper.....	H	3 116
8. ———, 3108, Kitchen Helper.....	H	2 636
9. Mary H. Brooks, 3113, Housekeeper.....	H	3 646
10. Jessie Lyons, 4909, Housekeeper.....	H	3 646
11. ———, 8503, Housekeeper.....	H	3 646
12. Letand Gale, 1775, Houseman.....	N	3 720
13. Melvin L. Imel, 1772, Kitchen Laborer.....	H	3 239
14. Dean J. Berry, 6603, Building Mechanic.....	N	5 160
15. Monroe L. Robinson, 6604, Building Mechanic.....	N	5 160
<i>Total, Auxiliary — Allerton House Operation.....</i>		<u>\$51 896</u>

Police Training Institute

Account Number 03-40-22-400

1. Leah M. Warren, 7128, Clerk-Typist II.....	N	\$ 2 880
<i>Total, Police Training Institute.....</i>		<u>\$ 2 880</u>

Extramural Classes

Account Number 00-40-30-400

1. M. Linnea Steward, 1787, Clerk-Stenographer II.....	N	\$ 3 210
2. Kathleen A. Stillwell, 1785, Clerk-Stenographer III.....	N	4 230
<i>Total, Extramural Classes.....</i>		<u>\$ 7 440</u>

Field Staff

Account Number 00-40-40-400

1. Virginia M. Sharp, 8145, Clerk-Stenographer II.....	N40	\$ 1 920
2. Lillian D. Asselmeier, 7129, Clerk-Typist II.....	N50	1 770
3. Wilma B. Leefers, 7127, Clerk-Typist III.....	N50	1 980
<i>Total, Field Staff.....</i>		<u>\$ 5 670</u>

Music Extension

Account Number 00-40-50-400

1. Robert L. Schaefer, 5578, Music Extension Autographer.....	N	\$ 7 920
2. Bird W. Trembly, 1790, Clerk-Stenographer III.....	N	3 600
3. Constance E. Rose, 7275, Clerk-Typist II.....	N	2 520
<i>Total, Music Extension.....</i>		<u>\$14 040</u>

Audio-Visual Aids

Account Number 00-40-60-400

1. Merle B. Mooney, 1792, Clerk-Stenographer III.....	N	\$ 4 350
<i>Total, Audio-Visual Aids.....</i>		<u>\$ 4 350</u>

Visual Aids Revolving

Account Number 12-40-60-470

1. Mary M. Lee, 1796, Clerk III.....	N	\$ 3 900
2. Robert F. Adams, 7495, Chief Clerk.....	N	5 190
3. Mercedes Swisher, 1797, Typing Clerk II.....	N	3 180
4. Florence Nesler, 6258, Typing Clerk III.....	N	3 720
5. Martha J. Bazzell, 8506, Clerk-Typist I.....	N	2 520
6. Molly K. Sands, 7483, Clerk-Typist I.....	N	2 400
7. _____, 5529, Clerk-Typist I.....	N	2 400
8. _____, 5521, Clerk-Typist I.....	N	2 280
9. Hildreth K. Johnson, 6171, Clerk-Typist II.....	N	3 420
10. Norma E. Taylor, 1798, Clerk-Typist II.....	N	2 700
11. Charles V. Craft, 6622, Audio-Visual Aids Technician I... N		3 120
12. Richard J. Latham, 7221, Audio-Visual Aids Technician I... N		3 000
13. Virgil R. Martin, 5602, Audio-Visual Aids Technician I... N		3 240
14. Charles D. Plotner, 6621, Audio-Visual Aids Technician I... N		3 240
15. Ralph E. Specht, 6619, Audio-Visual Aids Technician I... N		3 120
16. Paul V. Trinkle, 6623, Audio-Visual Aids Technician I... N		3 360
17. Donald E. Coffey, 5860, Audio-Visual Aids Technician II... N		3 960
18. Kenneth J. West, 5643, Audio-Visual Aids Technician II... N		3 600
19. Marion F. Hulmes, 6680, Audio-Visual Aids Technician III N		4 320
<i>Total, Visual Aids Revolving.....</i>		<u>\$62 670</u>

COLLEGE OF VETERINARY MEDICINE**Administration**

Account Number 00-44-01-100

1. Raymond T. Hamilton, 1626, Natural Science Technical Assistant.....	N	\$ 6 900
2. William R. Manuel, 1631, Natural Science Technical Assistant.....	N	6 300
3. Jack V. Washburn, 1627, Natural Science Technical Assistant.....	N	6 900
4. Kathryn B. Humphrey, 1634, Assistant Laboratory Attendant.....	N	3 680
5. Mary V. Rasner, 1635, Assistant Laboratory Attendant....	N	3 700
6. Anna S. Ray, 1633, Junior Laboratory Attendant.....	N	4 500
7. Alfred C. Hunt, 1638, Senior Laboratory Attendant.....	N	5 340
8. Mona B. Jervis, 1629, Senior Laboratory Attendant.....	N	5 340
9. Rachel Marlowe, 1628, Senior Laboratory Attendant.....	N	5 490
10. Robert B. Curry, 6669, Animal Caretaker.....	N	5 400
11. James Huber Davis, 1639, Animal Caretaker.....	N	5 400
12. Paul Reynolds, 1637, Animal Caretaker.....	N	5 590
13. Stanley E. Vaughn, 1630, Animal Caretaker.....	N	5 370
14. Don W. Wack, 5445, Animal Caretaker.....	N	5 400
15. Albert E. Wolfe, 1636, Animal Caretaker.....	N	5 400
16. Doris M. Richards, 1622, Typing Clerk III.....	ZN87	4 176
(Total Salary).....		(4 800)
17. Eileen J. Bourgeois, 8188, Clerk-Stenographer II.....	N	3 180
18. Shara L. Devries, 7993, Clerk-Stenographer II.....	ZN50	1 770
(Total Salary).....		(3 540)
19. Mardell C. Harris, 5113, Clerk-Stenographer II.....	N	3 180
20. Carol V. Retel, 1621, Clerk-Stenographer II.....	N	3 690
21. Beverly A. Seward, 1619, Clerk-Stenographer II.....	N	3 180
22. Nancy K. Slaton, 1625, Clerk-Stenographer II.....	N	3 000
23. Dorothy R. Severson, 1623, Clerk-Typist II.....	N	3 420
24. Helen V. Olson, 6940, Junior Illustrator.....	ZN50	2 400
(Total Salary).....		75 (3 600)
25. Blanche H. Hamilton, 1617, Secretary — Stenographic....	N	6 780
26. Kathryn R. Hill, 1618, Secretary — Transcribing.....	N	6 420
27. Carrie McGreevy, 1616, Administrative Secretary — Stenographic.....	N	8 400
<i>Total, Administration.....</i>		<u>\$130 306</u>

Veterinary Clinic Revolving

Account Number 12-44-20-270

1. Mary A. Dickinson, 1624, Typing Clerk II.....	N	\$ 3 180
2. Sue A. Sadler, 6733, Clerk-Stenographer II.....	N	3 840
3. Rosaleen M. Knapp, 1620, Clerk-Typist II.....	N	3 600
<i>Total, Veterinary Clinic Revolving.....</i>		<u>\$10 620</u>

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE E2084

Account Number 46-44-01-366

1. Leslie Ivan Elder, Jr., 8508, Junior Laboratory Attendant.....	ZN25	\$ 1 170
(Total Salary)		(4 680)
2. R. W. Anderson, 0921, Senior Laboratory Attendant.....	ZN25	1 275
(Total Salary)		(5 100)
3. James G. Lykins, 8338, Animal Caretaker.....	ZN50	2 685
(Total Salary)		(5 370)
4. Doris M. Richards, 1622, Typing Clerk III.....	ZN13	624
<i>Total, U.S. Public Health Service E2084.....</i>		<u>\$ 5 754</u>

U.S. OFFICE OF NAVAL RESEARCH 183437

Account Number 46-44-30-358

1. Helen S. Straub, 8305, Assistant Laboratory Attendant...	N	\$ 3 360
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U.S. PUBLIC HEALTH SERVICE 2G-239

Account Number 46-44-30-367

1. James G. Lykins, 8338, Animal Caretaker.....	ZN50	\$ 2 685
(Total Salary)		(5 370)
2. Shara L. Devries, 7993, Clerk-Stenographer II.....	ZN50	1 770
(Total Salary)		(3 540)
<i>Total, U.S. Public Health Service 2G-239.....</i>		<u>\$ 4 455</u>

U.S. PUBLIC HEALTH SERVICE E3077

Account Number 46-44-30-371

1. Leslie Ivan Elder, Jr., 8508, Junior Laboratory Attendant.....	ZN75	\$ 3 510
(Total Salary)		(4 680)

U.S. PUBLIC HEALTH SERVICE E3615

Account Number 46-44-30-372

1. Larry D. Evans, 8436, Assistant Laboratory Attendant...	N	\$ 3 360
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U.S. PUBLIC HEALTH SERVICE 2E178

Account Number 46-44-30-373

1. Janet S. Manning, 8710, Clerk-Stenographer II.....	N	\$ 3 930
2. Helen V. Olson, 6940, Junior Illustrator.....	ZN25	1 200
(Total Salary)	75	(3 600)
<i>Total, U.S. Public Health Service 2E178.....</i>		<u>\$ 5 130</u>

ARMED FORCES**Air Force Science**

Account Number 00-50-10-100

1. M. Lorraine Royce, 5052, Clerk-Stenographer II.....	N	\$ 3 900
2. Betty L. Kuykendall, 1818, Clerk-Typist II.....	N	3 150
3. Sally A. Walters, 7208, Clerk-Typist II.....	N	2 520
<i>Total, Air Force Science.....</i>		<u>\$ 9 570</u>

Military Science and Tactics

Account Number 00-50-30-100

1. Nancy D. Flyte, 1808, Typing Clerk II.....	N	\$ 3 540
2. Karen K. Benschnneider, 1811, Clerk-Stenographer II.....	N	3 000
3. Linda D. Volz, 1812, Clerk-Stenographer II.....	N	3 360
<i>Total, Military Science and Tactics.....</i>		<u>\$ 9 900</u>

Naval Science

Account Number 00-50-40-100

1. ———, 1816, Clerk-Stenographer III.....	N	\$ 3 780
<i>Total, Naval Science.....</i>		<u>\$ 3 780</u>

INSTITUTE OF AVIATION

Account Number 00-52-10-100

1. Vern H. Pittman, 1821, Head Airport Caretaker.....	N	\$ 7 500
(Perquisites University—house)		
2. Glenna Griffith, 1841, Clerk III.....	N	4 200
3. ———, 7414, Clerk III.....	ZN50	1 770
(Total Salary)		(3 540)
4. Linda J. McCormick, 1844, Clerk-Stenographer II.....	N	3 450
5. Mary O. Jordan, 1842, Clerk-Stenographer III.....	N	4 590
6. Helen L. Colbert, 7457, Clerk-Typist II.....	N50	1 560
7. Ruth L. Fiscus, 1843, Clerk-Typist II.....	N	3 600
8. Forrest L. Lancaster, 1819, Aircraft Maintenance Engineer	N	12 650
9. F. B. Schaber, 1820, Aircraft Shop Foreman.....	N	9 570
10. Ray Carmien, 8248, Laborer.....	P	(5 638)
11. Anderson B. Clark, 3125, Laborer.....	P	(5 638)
12. Paul J. Eckstein, 3126, Laborer.....	P	(5 638)
13. Elmer J. Kleiss, 3124, Laborer.....	P	(5 950)
14. Orville C. Pittman, 3127, Laborer.....	P	(5 638)
15. Ben D. Redding, 8423, Laborer.....	P	(5 638)
16. Alvin F. Schaefer, 3129, Laborer.....	P	(5 950)
17. Chester C. Summers, 3130, Laborer.....	P	(5 638)
18. Marion F. Thomas, 3131, Laborer.....	P	(5 638)
19. Russell J. Yeazel, 3132, Laborer.....	P	(5 638)
20. Donald E. Ditzler, 1835, Lineman.....	N	4 535
21. Robert E. Fryer, 1836, Lineman.....	N	5 485
22. Joseph L. Miller, 1832, Lineman.....	N	5 715
23. Arthur J. Streid, 1838, Lineman.....	N	4 200
24. Harry T. Demeris, 1833, Chief Lineman.....	N	6 330
25. Raymond E. Anderson, 1828, Master Aircraft and Aircraft Engine Mechanic	N	6 990
26. Milton C. Bates, 1822, Master Aircraft and Aircraft En- gine Mechanic	N	7 620
27. Floyd W. Bowerman, 1825, Master Aircraft and Aircraft Engine Mechanic	N	7 470
28. John T. Fringle, 1826, Master Aircraft and Aircraft En- gine Mechanic	N	7 470
29. Robert L. Deshazo, 1831, Senior Aircraft Maintenance Mechanic.....	N	6 330
30. Wayne Mandrell, 1823, Master Airport Mechanic.....	N	7 560
31. Leonard R. Rexroad, 1824, Master Airport Mechanic....	N	7 290
32. William W. Brooks, 1827, Master Aircraft Instrument Repairman	N	7 410
33. Gertrude C. Becker, 1839, Administrative Secretary— Stenographic	N	8 350
34. C. E. Horn, 1840, Storekeeper III.....	N	5 700
<i>Total, Institute of Aviation.....</i>		<u>\$147 345</u>

Airport Revolving

Account Number 12-52-10-270

1. ———, 7414, Clerk III.....	ZN50	\$ 1 770
2. Walter Schroeder, 3120, Driver.....	P	(5 610)
3. Glen W. Shipley, 3121, Driver.....	P	(5 610)
4. John M. Shott, 3122, Driver.....	P	(5 610)
5. Doyle J. Langford, 8247, Aircraft Maintenance Mechanic Helper.....	N	3 480
6. Dickie D. Schwabe, 1830, Aircraft Maintenance Mechanic Helper.....	N	3 600

7. Allan M. Johnson, 8699, Lineman.....	N	4 200
8. George D. Temples, 8575, Lineman.....	N	4 200
9. Darwin D. Zachay, 1829, Senior Aircraft Maintenance Mechanic.....	N	6 330
10. Gordon J. Willenbring, 6673, Master Aircraft Radio Re- pairman.....	N	6 270
<i>Total, Airport Revolving.....</i>		<u>\$29 850</u>

INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS

Account Number 00-56-10-300

1. Loretta M. Ward, 3133, Clerk-Typist II.....	N	\$ 2 880
2. ———, 5115, Clerk-Typist II.....	N50	1 620
3. Doris E. Falk, 1847, Secretary — Stenographic.....	N	5 400
<i>Total, Institute of Government and Public Affairs.....</i>		<u>\$ 9 900</u>

Cooperative Investigations

FORD FOUNDATION — LEGISLATIVE INTERNS

Account Number 44-56-10-128

1. Jean M. Baker, 8215, Clerk-Stenographer III.....	ZN21	\$ 810
<i>(Total Salary)</i>		<i>(3 810)</i>

STATE OF ILLINOIS MUNICIPAL PROBLEMS COMMISSION —

CITIES AND VILLAGE ACT

Account Number 47-56-10-311

1. Jean M. Baker, 8215, Clerk-Stenographer III.....	ZN79	\$ 3 000
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INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

Account Number 00-60-10-300

1. ———, 1850, Editorial Assistant.....	N50	\$ 1 950
2. Maxine Haworth, 1852, Administrative Clerk.....	N50	3 900
3. ———, 1852, Administrative Clerk.....	N50	3 630
4. Anice J. Duncan, 1855, Chief Clerk.....	N	4 860
5. Marian L. Brinkerhoff, 1857, Clerk-Stenographer II.....	N	3 450
6. Darlene L. Feurer, 1861, Clerk-Stenographer II.....	N	3 150
7. Annette A. Weidert, 1856, Clerk-Stenographer III.....	N	3 930
8. Joan L. James, 1863, Clerk-Typist I.....	N	2 520
9. Jean K. Sandberg, 1862, Clerk-Typist II.....	N	2 820
10. Jo Ann Block, 1859, Clerk-Typist III.....	N	3 960
11. Beverly L. Schrader, 1860, Clerk-Typist III.....	N	3 540
12. Mary L. Murray, 1853, Secretary — Stenographic.....	N	6 060
<i>Total, Institute of Labor and Industrial Relations.....</i>		<u>\$43 770</u>

JANE ADDAMS GRADUATE SCHOOL OF SOCIAL WORK

Account Number 00-68-10-100

1. ———, 5268, Clerk-Stenographer III.....	N	\$ 3 690
2. ———, 7617, Clerk-Stenographer III.....	ZN50	2 000
<i>(Total Salary)</i>		<i>(4 000)</i>
3. ———, 1878, Clerk-Typist III.....	N	3 780
4. Julia B. Maszota, 5371, Secretary — Stenographic.....	N	4 800
5. Jo Schmalhausen, 1877, Administrative Secretary — Steno- graphic.....	N	8 500
<i>Total, Jane Addams Graduate School of Social Work..</i>		<u>\$22 770</u>

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE 2M6344

Account Number 46-68-10-166

1. ———, 7617, Clerk-Stenographer III.....	ZN50	\$ 2 000
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U.S. PUBLIC HEALTH SERVICE 2M6552

Account Number 46-68-10-365

1. Delores Chenault, Clerk-Stenographer II.....	N	\$ 4 000
2. Ruby Collins, 7712, Clerk-Typist III.....	N	3 840
<i>Total, U.S. Public Health Service 2M6552.....</i>		<u>\$ 7 840</u>

UNIVERSITY PRESS

Account Number 00-78-10-400

1. Jane D. Brahms, 5540, Editorial Assistant.....	N	\$ 4 860
2. ———, 1702, Editorial Assistant.....	N50	2 040
3. ———, 1702, Editorial Assistant.....	N50	2 040
4. Rachel E. Edwards, 1704, Clerk III.....	N	4 050
5. Ida Klorfine, 1706, Typing Clerk II.....	N	3 120
6. Dorothy Buchanan, 1705, Clerk-Typist II.....	ZN50	1 470
(Total Salary)		(2 940)
7. Vivian M. Sadewater, 5091, Clerk-Typist III.....	N	4 200
8. Lois I. Buescher, 1703, Secretary—Stenographic.....	N	4 800
Total, University Press.....		\$26 580

Art Service

Account Number 09-78-10-902

1. Clyde P. Davis, 3099, Commercial Artist I.....	N50	\$ 2 100
2. William M. England, 1728, Commercial Artist I.....	N	4 200
3. Charles T. Flora, 6409, Commercial Artist I.....	N75	4 200
4. Ivan Schieferdecker, 7379, Commercial Artist I.....	N	4 500
5. ———, 1730, Commercial Artist II.....	N	5 900
6. Judith C. Gossett, 1732, Assistant to Art Editor.....	N	3 660
7. Raymond L. Slanker, 5788, Assistant Art Editor.....	N	7 400
Total, Art Service.....		\$31 960

Mailing Service

Account Number 09-78-10-952

1. Ross E. Anderson, 7747, Distribution Clerk I.....	N	\$ 3 900
2. Merlyn D. Mennenga, 8512, Distribution Clerk I.....	N	3 420
3. Caleb L. Nowning, 8670, Distribution Clerk I.....	N	3 420
4. William R. Valentine, 6898, Distribution Clerk I.....	N	3 420
5. G. Bernice Griffet, 1726, Typing Clerk II.....	N	2 580
6. Nethel M. Zane, 5255, Clerk-Typist II.....	N	2 820
7. R. K. Lumsden, 1718, Mailing Service Foreman.....	N	6 600
8. Madge E. Roberts, 1723, Office Appliance Operator I.....	H	2 600
9. Mary F. Smith, 1725, Office Appliance Operator I.....	N	2 520
10. Bonnie M. Wood, 3098, Office Appliance Operator I.....	N	2 580
11. ———, 1722, Office Appliance Operator I.....	N	2 400
12. ———, 1724, Office Appliance Operator I.....	N	2 400
13. Norman E. Lasater, 7372, Storekeeper II.....	N	4 980
Total, Mailing Service.....		\$43 640

Print Shop

Account Number 09-78-10-968

1. Henderikus Noorman, 3064, Accountant I.....	H	\$ 6 500
2. Myrtle Dorsett, 7014, Bookbindery Assistant.....	P	3 445
3. Dale Green, 3076, Bookbindery Assistant.....	P	5 220
4. Richard A. Mattlin, 3073, Bookbindery Assistant.....	P	4 176
5. ———, 5301, Bookbindery Assistant.....	P	2 297
6. Leona S. Eckersley, 1709, Senior Printing Assistant.....	P	6 681
7. Lillian A. Slavens, 1715, Clerk III.....	H	4 200
8. Malcolm G. Davis, 3078, Compositor.....	P	6 452
9. John A. Fiscus, 3082, Compositor.....	P	6 452
10. Carl G. Kibler, 5097, Compositor (Apprentice).....	P	3 550
11. Edward E. Morgan, 3081, Compositor.....	P	6 452
12. Wayne Phelps, 5491, Compositor.....	P	6 452
13. James L. Ragle, 4906, Compositor.....	P	6 452
14. Robert W. Thomas, 3079, Compositor.....	P	6 452
15. ———, 3080, Compositor.....	P	5 752
16. ———, 3066, Copyholder.....	P	2 923
17. Ralph R. Franklin, 3067, Bookbindery Foreman.....	P	7 621
18. James S. Wendell, 3096, Cylinder Press Room Foreman.....	P	7 726
19. Seward H. Dalton, 3086, Job Press Room Foreman.....	P	7 830
20. John C. Opolka, 3095, Photo Offset Foreman.....	P	7 726

21. Robert A. Black, 3092, Linotype Operator.....	P	7 057
22. George Cloyd, 3090, Linotype Operator.....	P	6 890
23. C. R. Mallory, 3093, Linotype Operator.....	P	7 057
24. Carl G. Muesing, 3091, Linotype Operator.....	P	6 452
25. Glenn W. Schmidt, 3094, Monotype Combination Operator	P	7 308
26. Armand D. Boucher, 3084, Cylinder Pressman.....	P	6 452
27. John D. Dorsett, 3140, Cylinder Pressman (Apprentice) ..	P	6 055
28. William W. Hire, 3085, Cylinder Pressman.....	P	6 452
29. Chester Hunt, 5383, Cylinder Pressman.....	P	6 452
30. William A. Knazavich, 3087, Cylinder Pressman.....	P	6 452
31. Charles D. Ellis, 1677, Senior Combination Offset Pressman, Cameraman, and Plate Maker.....	P	6 452
32. Fred H. Marshky, 3097, Senior Combination Offset Pressman, Cameraman, and Plate Maker.....	P	6 452
33. John D. Thompson, 6645, Senior Combination Offset Pressman, Cameraman, and Plate Maker (Apprentice) ..	P	3 863
34. Barbara Richards, 1712, Junior Proofreader.....	P	4 113
35. Stephanie Sadagursky, 1714, Junior Proofreader.....	P	3 873
36. Alice Stowe, 5339, Junior Proofreader.....	P	3 873
37. Lorolive S. Delk, 1710, Senior Proofreader.....	P	6 368
38. R. C. Dalbey, 1707, Assistant Superintendent of Print Shop.....	P	8 560
39. Billie C. Gilfillan, 3072, Bookbindery Worker.....	P	6 264
40. Dean W. Graves, 3070, Bookbindery Worker.....	P	6 368
41. Kathryn Graves, 3071, Bookbindery Worker.....	P	3 341
42. ———, 3075, Bookbindery Worker.....	P	3 466
43. ———, 3069, Bookbindery Worker.....	P	2 850
<i>Total, Print Shop.....</i>		<u>\$246 829</u>

University Press Revolving

Account Number 12-78-10-470

1. Bruce A. McDaniel, 8492, Editorial Assistant.....	N	\$ 4 500
2. ———, 8706, Editorial Assistant.....	N	4 000
3. Margaret Sands, 8307, Typing Clerk II.....	N	2 910
4. Dorothy Buchanan, 1705, Clerk-Typist II.....	ZN50	1 470
5. Dorothy E. Vernau, 8419, Clerk-Typist II.....	N	2 910
<i>Total, University Press Revolving.....</i>		<u>\$15 790</u>

INTERNATIONAL COOPERATION PROGRAMS

U.S. International Cooperation Administration C1220

Account Number 46-79-10-434

1. Shirley R. Lovenguth, 6332, Clerk-Stenographer III.....	ZN33	\$ 1 500
(Total Salary)		(4 500)
2. Helen E. Mathis, 8228, Clerk-Typist II.....	ZN34	840
(Total Salary)		(2 520)
<i>Total, U.S. International Cooperation Administration C1220.....</i>		<u>\$2 340</u>

U.S. International Cooperation Administration C1258

Account Number 46-79-10-435

1. Shirley R. Lovenguth, 6332, Clerk-Stenographer III.....	ZN33	\$ 1 500
2. Helen E. Mathis, 8228, Clerk-Typist II.....	ZN33	840
<i>Total, U.S. International Cooperation Administration C1258.....</i>		<u>\$ 2 340</u>

U.S. International Cooperation Administration C1453

Account Number 46-79-10-436

1. Shirley R. Lovenguth, 6332, Clerk-Stenographer III.....	ZN34	\$ 1 500
2. Mary M. Miller, 6779, Clerk-Stenographer III.....	N88	3 600

3. Helen E. Mathis, 8228, Clerk-Typist II.....	ZN33	840
4. Martha L. Jones, 7957, Clerk-Typist III.....	ZN50	2 040
(Total Salary)		(4 080)
<i>Total, U.S. International Cooperation Administration</i>		
<i>C1453.....</i>		<i>\$ 7 980</i>

LIBRARY AND LIBRARY SCHOOL**Graduate School of Library Science**

Account Number 00-80-05-100

1. Eunice M. Osterbur, 1654, Clerk-Typist I.....	N	\$ 2 400
2. Kathryn A. Guerrero, 1656, Clerk-Typist II.....	N	2 820
3. Wilda D. McCool, 1657, Clerk-Typist III.....	N	3 300
4. Helen I. Knights, 1653, Secretary—Stenographic.....	N	7 020
<i>Total, Graduate School of Library Science.....</i>		<i>\$15 540</i>

Library Trends Revolving

Account Number 12-80-05-146

1. ———, 5127, Assistant to Editor.....	N	\$ 5 040
<i>Total, Library Trends Revolving.....</i>		<i>\$ 5 040</i>

Library**Administration**

Account Number 00-80-10-500

1. Winfred J. Rasmussen, 1891, Clerk I.....	N	\$ 3 300
2. Allen Rivers, Jr., 6671, Distribution Clerk II.....	N	4 500
3. Rita A. Becker, 1889, Clerk-Typist III.....	N	4 020
4. Martha Pechous, 1888, Clerk-Typist III.....	N	4 140
5. Clarabelle Gunning, 1887, Secretary—Stenographic.....	N	7 020
6. Charles K. Gifford, 1886, Storekeeper III.....	N	5 625
<i>Total, Administration</i>		<i>\$28 605</i>

Microfilm Revolving

Account Number 12-80-10-552

1. Mardelle J. Austin, 1938, Photographic Technician I.....	N	\$ 3 420
<i>Total, Microfilm Revolving.....</i>		<i>\$ 3 420</i>

Acquisition Department

Account Number 00-80-20-500

1. E. Ruth Lashley, 1902, Clerk II.....	N	\$ 3 510
2. Shirley A. Butler, 8075, Accounting Clerk I.....	N	3 120
3. Pauline McDaniel, 6465, Accounting Clerk II.....	N	4 350
4. Betty A. Gard, 1898, Library Clerk II.....	N50	1 575
5. Barbara K. Heard, 6423, Library Clerk II.....	N	3 000
6. Alma L. Middleton, 6130, Library Clerk II.....	N	2 820
7. Eloise Morris, 1895, Library Clerk II.....	N	2 700
8. Tinsie E. Ponder, 1906, Library Clerk II.....	N	3 450
9. ———, Library Clerk II.....	N	2 700
10. Doris H. Freeman, 1903, Library Clerk III.....	N	3 600
11. Eileen J. Miech, 1892, Library Clerk III.....	N	3 720
12. Margaret S. Rausch, 5503, Library Clerk III.....	N	4 020
13. Ellen Smith, 1894, Library Clerk III.....	N	4 200
14. Jo Anne Lyster, 5374, Clerk-Typist I.....	N	2 400
15. Susan A. Shepperd, 1901, Clerk-Typist II.....	N	2 700
16. Rebecca Jane Winkler, 7868, Clerk-Typist II.....	N	2 700
17. Leslie W. Dunning, 1937, Photographer I.....	N	5 010
<i>Total, Acquisition Department.....</i>		<i>\$55 575</i>

Catalog Department

Account Number 00-80-30-500

1. Eugenia D. Boone, 1926, Library Clerk II.....	N	\$ 2 970
2. Bernice L. Brightwell, 5463, Library Clerk II.....	N50	1 710

3. Mary Jo Coon, 1927, Library Clerk II.....	N	2 970
4. Joyce B. Eymann, 1911, Library Clerk II.....	N	2 970
5. Barbara Ellen Felts, 1924, Library Clerk II.....	N	2 970
6. Judith A. Long, 7125, Library Clerk II.....	N	2 970
7. Claire E. Miller, 1921, Library Clerk II.....	N	3 000
8. Mary E. Schwengel, 1912, Library Clerk II.....	N	3 120
9. ———, Library Clerk II.....	N	2 700
10. Kathy G. Butzow, 1917, Library Clerk III.....	N	3 450
11. Lucile R. Carter, 1918, Library Clerk III.....	N	4 140
12. Highland Wiseman, 1919, Library Clerk III.....	N	3 690
13. Harriet L. Mason, 5377, Chief Library Clerk.....	N	4 800
14. ———, 1915, Chief Library Clerk.....	N	5 130
15. Hazel C. Cacioppo, 1935, Clerk-Typist II.....	N	2 700
16. Bonnie B. Franks, 1934, Clerk-Typist II.....	N	2 700
17. Virginia Sinclitico, 5320, Clerk-Typist II.....	N	2 760
18. Judith C. Stout, 1930, Clerk-Typist II.....	N	2 970
19. Mary H. Williams, 1932, Clerk-Typist II.....	N	2 700
20. ———, 1931, Clerk-Typist II.....	N	2 850
21. ———, Clerk-Typist II.....	N	2 700
22. Eula Clanton, 1929, Clerk-Typist III.....	N	3 900
23. Frances E. Jeffers, 7918, Clerk-Typist III.....	N	3 480
24. Brent Roberson, 7361, Duplicating Machine Operator I....	N	2 970
25. Harold V. Bridgewater, 6083, Duplicating Machine Oper- ator III.....	N	4 500
<i>Total, Catalog Department.....</i>		\$80 820

Circulation Department

Account Number 00-80-40-500

1. Janice A. Blaze, 1943, Library Clerk II.....	N	\$ 3 030
2. Patricia Chisenhall, 1947, Library Clerk II.....	N	2 820
3. Judith D. Dermen, 1942, Library Clerk II.....	N50	1 380
4. Barbara C. Leslie, 5324, Library Clerk II.....	N50	1 410
5. Bonnidie H. Lewis, 5245, Library Clerk II.....	N	2 700
6. John J. McCauley, 1945, Library Clerk II.....	N50	1 410
7. Venora W. McKinney, 1949, Library Clerk II.....	N50	1 500
8. Linda M. Nolen, 1908, Library Clerk II.....	N	2 940
9. Frances A. Sears, 1946, Library Clerk II.....	N	2 820
10. ———, 1944, Library Clerk II.....	N75	2 070
11. ———, Library Clerk II.....	N	2 700
12. Patricia M. Hougas, 5241, Library Clerk III.....	N	3 690
13. Harriet C. Ryan, 1948, Chief Library Clerk.....	N	5 610
14. Lucy T. Hamada, 6798, Clerk-Typist II.....	N	3 330
15. Patricia J. Saiter, 6785, Clerk-Typist II.....	N	3 150
<i>Total, Circulation Department.....</i>		\$40 560

Departmental Libraries

Account Number 00-80-50-500

1. Alicia R. Aden, 6422, Library Clerk II.....	N	\$ 2 850
2. Nancy R. Block, 1969, Library Clerk II.....	N	3 000
3. Kathleen M. Burger, 1964, Library Clerk II.....	N	2 880
4. Eleanor C. Deyo, 1972, Library Clerk II.....	N	2 970
5. Patricia E. Endsley, 1963, Library Clerk II.....	N	2 700
6. Mary Lee Gedwill, 1961, Library Clerk II.....	N	2 700
7. Barbara A. Gibson, 3054, Library Clerk II.....	N	2 880
8. Sara Glickstein, 7197, Library Clerk II.....	N	2 760
9. Ann L. Higginbotham, 7929, Library Clerk II.....	N	2 820
10. Elaine R. Hill, 1962, Library Clerk II.....	N50	1 740
11. Donald D. Hinton, 1958, Library Clerk II.....	N	3 000
12. Lydia L. Holquist, 1953, Library Clerk II.....	N	2 760
13. Charlotte E. Keyes, 1954, Library Clerk II.....	N50	1 590
14. Barbara J. Meador, 8394, Library Clerk II.....	N	3 000
15. Judith L. Ohlson, 1957, Library Clerk II.....	N	2 760

16. Dorothy N. Peters, 1960, Library Clerk II.....	N	3 480
17. Rosemary A. Rowe, 3135, Library Clerk II.....	N	3 210
18. Marjorie C. Stevenson, 1956, Library Clerk II.....	N	3 150
19. Doris L. Sublette, 5375, Library Clerk II.....	N	3 000
20. Laura J. Teaford, 1950, Library Clerk II.....	N	2 700
21. Julius C. Thornton, 5300, Library Clerk II.....	N	3 090
22. Donna D. Uffelman, 1965, Library Clerk II.....	N	3 000
23. ———, 1952, Library Clerk II.....	N	2 880
24. ———, 6764, Library Clerk II.....	N50	1 380
25. ———, 1966, Library Clerk II.....	N	2 700
26. ———, 1959, Library Clerk II.....	N	2 760
27. ———, 6770, Library Clerk II.....	N	2 820
28. ———, 8509, Library Clerk II.....	N50	1 380
29. ———, Library Clerk II.....	N	2 700
30. Grace M. Yeatter, 1955, Library Clerk III.....	N	4 200
31. Nancy L. Jenne, 1968, Chief Library Clerk.....	N	5 100
32. Carole B. Bettinger, 6454, Clerk-Typist II.....	N	3 090
33. Florence E. Kirby, 6288, Clerk-Typist II.....	N	3 000
34. ———, Clerk-Typist II.....	N	2 700
<i>Total, Departmental Libraries.....</i>		<u>\$96 750</u>

Reference Department

Account Number 00-80-60-500

1. Joan P. Horkay, 6195, Library Clerk II.....	N	\$ 2 880
2. Mardele L. Maryott, 1967, Clerk-Typist II.....	N	3 000
<i>Total, Reference Department.....</i>		<u>\$ 5 880</u>

Serials Department

Account Number 00-80-35-500

1. Betty J. Albert, 1899, Library Clerk II.....	N	\$ 3 360
2. Carol D. Beeler, 1909, Library Clerk II.....	N	2 970
3. Miriam A. Cavanaugh, 6254, Library Clerk II.....	N	2 700
4. Evelyn M. Coleman, 1928, Library Clerk II.....	N	3 300
5. Helen M. Curtis, 1914, Library Clerk II.....	N	3 000
6. Lee M. Harris, 1925, Library Clerk II.....	N	2 820
7. Allene D. Schroeder, 1896, Library Clerk II.....	N	2 820
8. Janet L. Shaver, 1913, Library Clerk II.....	N	3 120
9. Dora C. Y. Shen, 1916, Library Clerk II.....	N	3 060
10. ———, Library Clerk II.....	N	2 700
11. ———, Library Clerk II.....	N	2 700
12. ———, Library Clerk II.....	N	2 700
13. Ilse E. Barnes, 8054, Library Clerk III.....	N	3 720
14. Thelma Berry, 1922, Library Clerk III.....	N	3 750
15. Mae E. Beshers, 1910, Library Clerk III.....	N	4 200
16. Carolyn J. Gammon, 5857, Library Clerk III.....	N	3 600
17. Winifred L. Meece, 1897, Library Clerk III.....	N	4 500
18. Ruth J. Williams, 7901, Library Clerk III.....	N	3 480
19. ———, 1905, Library Clerk III.....	N	3 300
20. ———, 1920, Library Clerk III.....	N	3 660
21. Margaret E. Lyons, 5644, Chief Library Clerk.....	N	5 520
<i>Total, Serials Department.....</i>		<u>\$70 980</u>

PHYSICAL PLANT**Administration**

Account Number 00-82-01-600

1. Ivan N. Anderson, 1983, Accountant I.....	N	\$ 6 150
2. Clyde B. Roberts, 1981, Accountant III.....	N	9 360
3. E. S. Sefcik, 7097, Assistant to Director of Physical Plant	N	11 750
4. L. G. Hernecheck, 1980, Assistant to Superintendent of Buildings and Grounds.....	N	13 440
5. S. Alice Deck, 1978, Clerk II.....	N	3 540
6. Janet E. Freeman, 1990, Clerk II.....	N	2 700

7. Edna S. McBride, 1991, Clerk II.....	N	3 150
8. Agnes Burke, 1986, Clerk III.....	N	4 500
9. Beverly J. Brownfield, 1987, Chief Clerk.....	N	5 820
10. Thelma Graf, 1976, Chief Clerk.....	N	4 740
11. ———, 8060, Payroll Clerk I.....	N	2 700
12. Mabel M. Cordes, 6591, Payroll Clerk II.....	N	3 720
13. Edith J. McBride, 1985, Payroll Clerk III.....	N	6 330
14. Joan A. Cochran, 1979, Clerk-Stenographer II.....	N	3 720
15. Shirley A. Sanders, 1995, Clerk-Stenographer II.....	N	3 000
16. Carol S. Bailey, 5519, Clerk-Stenographer III.....	N	4 200
17. Penelope M. Straka, 2081, Clerk-Typist II.....	N	3 000
18. Viola K. Williams, 1993, Clerk-Typist II.....	N	3 600
19. Carole C. Paine, 2090, Bookkeeping Machine Operator I.....	N	2 700
20. Darlene A. Dodd, 1989, Bookkeeping Machine Operator II.....	N	3 480
21. Mary A. Mason, 1988, Secretary — Stenographic.....	N	6 000
22. Eileen Wilske, 1974, Secretary — Stenographic.....	N	6 720
<i>Total, Administration</i>		\$114 320

Stores — Physical Plant Overhead

Account Number 08-82-01-967

1. Catherine L. Bensyl, 2008, Clerk II.....	N	\$ 3 300
2. Maudeline Roth, 8354, Clerk II.....	N	2 880
3. Nancy S. Bailey, 2009, Clerk III.....	N	3 600
4. Kathleen Foltz, 2010, Clerk III.....	N	4 500
5. James C. Fisher, 2006, Chief Clerk.....	N	6 120
6. Martha R. Lansky, 5131, Clerk-Typist II.....	N	3 600
7. ———, 2000, Material Expediter.....	N	6 660
8. Lynn E. McConkey, 8274, Storekeeper I.....	N	4 120
9. Marvin L. Risinger, 2005, Storekeeper II.....	N	4 980
10. Thomas E. Tuttle, 2003, Storekeeper II.....	N	4 920
11. M. W. Dillman, 2002, Storekeeper III.....	N	5 640
12. W. Erwin Hanson, 2004, Storekeeper III.....	N	5 640
13. Clifford E. Waller, 2007, Storekeeper III.....	N	5 625
14. Don Lee Wolf, 5141, Storekeeper III.....	N	5 565
15. F. T. Helbling, 2001, Stores Supervisor.....	N	7 080
<i>Total, Stores — Physical Plant Overhead</i>		\$74 230

Architectural Overhead

Account Number 09-82-01-902

1. Stanley J. Rankin, 6952, Accountant I.....	H	\$ 6 090
2. A. S. Davis, 2057, Associate Architect.....	H	12 520
3. H. Summerfield Day, 7791, Associate Architect.....	H	12 200
4. Paul E. Dixon, 8713, Associate Architect.....	H	11 400
5. Robert B. Little, 2062, Associate Architect.....	H	12 240
6. Ben W. Maxwell, 6951, Associate Architect.....	H	13 200
7. C. Hardy Oliver, 6425, Associate Architect.....	H	12 720
8. W. H. Stermer, 2060, Associate Architect.....	H	14 330
9. Raymond G. Johnson, 6949, Senior Architect.....	H	9 000
10. Max W. Hinton, 6937, Accounting Clerk II.....	H	4 140
11. Alice J. Greene, 7501, Clerk-Stenographer I.....	H	2 700
12. ———, 2085, Clerk-Stenographer II.....	H	2 880
13. ———, 6822, Clerk-Stenographer II.....	H	3 600
14. Jacqueline Shafer, 2080, Clerk-Stenographer III.....	H	3 600
15. Lavella M. Wrisk, 1975, Clerk-Stenographer III.....	H	3 810
16. Lois L. Warnes, 7692, Clerk-Typist II.....	H	3 060
17. Bruno Ast, 2077, Draftsman.....	H50	2 310
18. George J. Trautmann, 3157, Draftsman.....	H	4 230
19. Stephen O. Wessling, 2072, Draftsman.....	H50	2 310
20. John A. Benson, 2078, Architectural Draftsman I.....	H50	2 100
21. Donald L. Doney, 2074, Architectural Draftsman I.....	H	5 210
22. Jerry L. Latta, 2067, Architectural Draftsman I.....	H50	2 310
23. Eugene R. Racek, 3158, Architectural Draftsman I.....	H60	3 450

24. Myron J. Wimmer, 2065, Architectural Draftsman I.....	H	4 500
25. Raymond J. Bulinski, 2079, Architectural Draftsman II...	H	9 120
26. Charles Farina, 2069, Architectural Draftsman II.....	H	9 300
27. Geneva P. Fleming, 2071, Architectural Draftsman II....	H	8 400
28. Kenneth D. Jennings, 2064, Architectural Draftsman II..	H	8 220
29. James K. Rigsby, 8734, Architectural Draftsman II.....	H	8 940
30. J. A. Curtis, 2061, Chief Architectural Draftsman.....	H	11 820
31. George Gertenberger, 7767, Architectural Electrical Engineer.....	H	9 660
32. Milton L. Steiner, 2066, Architectural Mechanical Engineer	H	9 260
33. Darrell E. Ward, 2058, Architectural Mechanical Engineer	H	12 080
34. Charles L. Sands, 7698, Architectural Refrigeration and Air Conditioning Engineer.....	H	13 080
35. Norman W. Reinhold, 8737, Junior Mechanical Engineer..	H	6 120
36. Robert M. Buchanan, 2068, Architectural Superintendent..	H	10 260
37. Richard R. Gifford, 7080, Architectural Superintendent...	H	9 360
38. Elbert L. McDaniel, 6559, Architectural Superintendent..	H	8 980
39. J. G. Schelter, 7329, Architectural Superintendent.....	H	9 300
40. Clarence E. Gotschall, 8380, Superintendent of Mechanical Construction.....	H	9 060
41. S. A. Dahlstrom, 2063, Specification Writer.....	H	11 200
<i>Total, Architectural Overhead.....</i>		<u>\$318 070</u>

Campus Planning and Development Revolving

Account Number 09-82-01-910

1. Phillip E. DeTurk, 8222, Landscape Architect.....	H	\$ 6 300
2. Christine E. English, 8097, Clerk-Stenographer III.....	H	3 600
3. Edwin E. Atwood, 8232, Site Planner.....	H	11 340
<i>Total, Campus Planning and Development Revolving...</i>		<u>\$21 240</u>

Physical Plant Labor

Account Number 09-82-01-945

1. John C. Ambrose, 5510, Accountant II.....	H	\$ 7 110
2. Gilbert D. Schleef, 6390, Space Analyst I.....	H	4 920
3. Glenn R. Bandy, 8293, Space Analyst II.....	H	6 200
4. Don B. Winterbottom, 6391, Space Analyst II.....	H	7 100
5. Dwight E. Slavens, 1996, Clerk III.....	H	4 440
6. Lloyd C. Lain, 1999, Inventory Clerk.....	H	4 440
7. Charles F. Leffler, 8225, Inventory Clerk.....	H	4 140
8. _____, 8676, Clerk-Stenographer II.....	H	2 820
9. Thea E. Yeich, 8219, Clerk-Stenographer III.....	H	3 840
<i>Total, Physical Plant Labor.....</i>		<u>\$45 010</u>

Building Operation

Account Number 00-82-05-600

1. Paul W. Cruikshank, 2012, Assistant to Superintendent of Operations	N	\$10 200
2. Jack T. Harroun, 6813, Assistant to Superintendent of Operations	N	9 360
3. H. I. Haugaard, 8246, Public Functions Supervisor.....	N	7 200
<i>Total, Building Operation.....</i>		<u>\$26 760</u>

Fire Prevention and Safety

Account Number 00-82-10-600

1. Herbert L. White, 2014, Superintendent of Sanitation and Safety.....	ZN67	\$ 8 960
(Total Salary)		(13 440)
<i>Total, Fire Prevention and Safety.....</i>		<u>\$ 8 960</u>

Police and Watchmen

Account Number 00-82-15-600

1. Joseph E. Blaze, 0484, Security and Traffic Supervisor...	ZN50	\$ 5 580
(Total Salary)		(11 160)

2. Laverne A. Kroes, 8624, Assistant Security and Traffic Supervisor	N	8 400
<i>Total, Police and Watchmen</i>		<u>\$13 980</u>

Building Maintenance

Account Number 00-82-20-600

1. Ramon F. Vogel, 2018, Structural Engineer	N	\$13 440
2. Edward A. Cousins, 5806, Building Inspector	N	8 910
3. George L. Purcell, 2019, Building Inspector	N	9 000
4. E. L. Kemp, 2017, Superintendent of Building Maintenance	N	15 210
<i>Total, Building Maintenance</i>		<u>\$46 560</u>

General Maintenance

Account Number 00-82-25-600

1. Shirley M. Mills, 2032, Routing Dispatcher II	N	\$ 3 000
2. ———, 2033, Routing Dispatcher II	N	3 450
3. Cora L. James, 2030, Routing Dispatcher III	N	5 640
4. James E. Russell, 2027, Routing Supervisor	N	6 420
<i>Total, General Maintenance</i>		<u>\$18 510</u>

Labor — General Maintenance

Account Number 09-82-25-945

1. Donald S. Parry, 2045, Electrical Engineer	H	\$10 800
2. K. W. Smith, 2041, Mechanical Engineer	H	11 910
3. L. E. Douglass, 2021, Project Engineer	H	11 670
4. Frank A. Parks, 2022, Project Engineer	H	10 920
<i>Total, Labor — General Maintenance</i>		<u>\$45 300</u>

Grounds

Account Number 00-82-30-600

1. John Curtis Gabbard, 2011, Superintendent of Operations	ZN33	\$ 4 823
(Total Salary)		(14 469)
<i>Total, Grounds</i>		<u>\$ 4 823</u>

Labor — Grounds

Account Number 09-82-30-945

1. Joseph F. Leising, 2036, Operations Engineer	ZH50	\$ 4 800
(Total Salary)		(9 600)
2. Dorothea Williamson, 2089, Landscape Gardener	H	6 270
3. Ervin C. Bundy, 8126, Horticulturist	H	7 560
<i>Total, Labor — Grounds</i>		<u>\$18 630</u>

Transportation

Account Number 00-82-35-600

1. John Curtis Gabbard, 2011, Superintendent of Operations	ZN33	\$ 4 823
(Total Salary)		(14 469)
<i>Total, Transportation</i>		<u>\$ 4 823</u>

Car Pool Service

Account Number 09-82-35-912

1. O. L. Fairchild, 6240, Fleet Dispatcher	N	\$ 8 970
2. John Curtis Gabbard, 2011, Superintendent of Operations	ZN34	4 823
<i>Total, Car Pool Service</i>		<u>\$13 793</u>

Labor — Transportation

Account Number 09-82-35-945

1. Joseph F. Leising, 2036, Operations Engineer	ZH50	\$ 4 800
(Total Salary)		(9 600)
<i>Total, Labor — Transportation</i>		<u>\$ 4 800</u>

Heat, Light, and Power

Account Number 00-82-40-600

1. Dwight G. Wilson, 2048, Operations Clerk.....	N	\$ 4 800
2. Karen L. Bradley, 2031, Clerk-Stenographer II.....	N	3 600
3. Clifford H. Dixon, 5987, Assistant Instrument and Efficiency Engineer	N	7 500
4. James E. Van Reenen, 2044, Assistant Instrument and Efficiency Engineer	N	6 120
5. Theodore A. Bradbury, 2042, Power Plant Mechanical Engineer	N	12 150
6. Gordon V. Carlson, 2039, Superintendent of Utilities.....	N	15 210
<i>Total, Heat, Light, and Power.....</i>		<u>\$49 380</u>

Labor — Heat, Light, and Power

Account Number 09-82-40-945

1. C. C. Andrew, 2023, Architectural Draftsman II.....	H	\$ 9 690
2. William D. Greenwood, 2029, Engineering Draftsman I....	H	5 100
3. Louis G. Lariviere, 7942, Engineering Draftsman II.....	H	8 160
4. N. W. Nester, 2020, Civil Engineer.....	H	10 410
5. W. W. Hinshaw, 2040, Electrical Engineer.....	H	13 380
6. B. W. Anderson, 2043, Assistant Electrical Engineer.....	H	10 620
7. John D. Maguire, 7864, Assistant Electrical Engineer.....	H	9 870
8. George P. Porter, 2046, Mechanical Engineer.....	H	10 770
9. William H. Lawyer, 2047, Junior Mechanical Engineer....	H	7 200
10. Leo A. Corby, 2024, Estimator.....	H	10 440
<i>Total, Labor — Heat, Light, and Power.....</i>		<u>\$95 640</u>

Water Station

Account Number 00-82-45-600

1. Phyllis Brennan, 2051, Clerk-Stenographer I.....	N	\$ 2 700
2. Herbert L. White, 2014, Superintendent of Sanitation and Safety	ZN33	4 480
(Total Salary)		(13 440)
<i>Total, Water Station.....</i>		<u>\$ 7 180</u>

Reservations and Information

Account Number 00-82-66-600

1. C. E. Wertz, 2683, Assistant to Director of Illini Union..	ZN25	\$ 2 150
(Total Salary)		(8 600)
2. _____, 2704, Typing Clerk II.....	N	3 090
3. Francis W. McCullough, 2684, Supervisor of Information	N	6 270
<i>Total, Reservations and Information.....</i>		<u>\$11 510</u>

Telephone Service

Account Number 09-82-69-983

1. Lois E. Overmyer, 2710, Clerk III.....	N	\$ 4 800
2. Sandra J. Jimenez, 7820, Card Punch Operator I.....	N	3 120
<i>Total, Telephone Service.....</i>		<u>\$ 7 920</u>

Architectural Studies for Future Buildings

Account Number 06-82-70-905

1. Judy K. Hodges, 7320, Clerk-Stenographer III.....	ZN15	\$ 585
(Total Salary)		(3 900)
2. Wayne I. Trowbridge, 7846, Traffic Control and Measurement Technician	ZN50	2 820
(Total Salary)		(5 640)
<i>Total, Architectural Studies for Future Buildings.....</i>		<u>\$ 3 405</u>

Auxiliary Enterprises**Residence Halls Administration**

Account Number 18-82-80-700

1. Joseph A. Miller, 8591, Accountant II.....	N	\$ 8 200
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2. Nelle A. Bireline, 2840, Housing Administrator II.....	N	7 200
(Perquisites University — room and board)		
3. Adran L. Wilson, 8352, Housing Administrator II.....	N	6 300
4. Carroll J. Hubble, 7123, Housing Administrator III.....	N	9 000
5. Cal W. Shull, 7672, Housing Administrator III.....	N	8 600
6. Alice S. Hurt, 6161, Assistant to Director of Illini Union	N	8 600
7. Emily J. Sawyer, 7867, Cashier II.....	ZN	4 260
8. Sue E. Benner, 8343, Clerk II.....	ZN	2 640
9. Mildred E. Graves, 7664, Clerk III.....	N	3 600
10. Mark F. Howell, 2868, Clerk III.....	N	4 200
11. Florence L. Kidder, 2834, Clerk III.....	N	4 050
12. Harryette Mansfield, 5539, Clerk III.....	N	3 960
13. Mary L. Spracklen, 7687, Clerk III.....	N	3 600
14. M. Althea Stockwell, 2830, Clerk III.....	N	4 140
15. Mary A. Dancy, 2838, Accounting Clerk I.....	N	3 240
16. Rochelle I. Farrey, 2837, Accounting Clerk I.....	N	3 180
17. Thelma J. Oare, 2835, Accounting Clerk I.....	N	3 240
18. Rose E. Vonbehren, 2833, Accounting Clerk I.....	N	3 240
19. Charlotte Wiesinger, 2845, Accounting Clerk II.....	N	4 260
20. Donald J. Alberts, 5297, Chief Clerk.....	N	7 000
21. Robert D. Barger, 5558, Chief Clerk.....	N	7 050
22. S. K. Brownfield, 2848, Chief Clerk.....	N	7 000
23. C. Pearl Johnson, 2832, Payroll Clerk II.....	N	3 270
24. Ann Allen, 2829, Payroll Clerk III.....	N	6 300
25. M. Lucille Williams, 2853, Residence Halls Clerk.....	N	3 300
26. Karen A. Compton, 7776, Typing Clerk II.....	N	2 640
27. Karen K. Duncan, 7037, Typing Clerk II.....	ZN	2 820
28. Rene I. Hudson, 7036, Typing Clerk II.....	ZN67	1 960
(Total Salary)		(2 940)
29. Dorothy H. Scoggin, 2869, Typing Clerk III.....	H	3 960
30. Nancy A. Blakeney, 2851, Clerk-Stenographer II.....	N	3 300
31. Mary C. Smith, 2831, Clerk-Stenographer III.....	N	4 560
32. M. Leona Hopper, 7990, Clerk-Typist II.....	N	3 180
33. ———, 6750, Clerk-Typist II.....	N	2 640
34. Van C. Norman, 2826, Assistant Director of Housing Maintenance and Construction.....	N	10 900
35. Otto E. Unger, 2841, Assistant Director of Housing Food Service.....	N	11 850
(Perquisites University — one meal)		
36. Edward E. Durbin, 8069, Housing Maintenance Inspector	N	5 460
37. Robert E. Fortney, 2867, Housing Maintenance Inspector	N	5 880
38. L. L. James, 2844, Housing Maintenance Inspector.....	N	6 570
39. Warren D. Moore, 7441, Housing Maintenance Inspector	N	6 660
40. James E. Overmyer, 2878, Housing Maintenance Inspector	N	5 130
41. D. N. Reynolds, 2843, Housing Maintenance Inspector....	N	6 660
42. David B. Stayton, 2872, Housing Maintenance Inspector..	N	6 090
43. William P. Myers, 7725, Assistant Food Service Manager	N	10 100
(Perquisites University — one meal)		
44. Robert H. Suter, 7694, Housing Business Manager.....	N	10 700
(Perquisites University — one meal)		
45. Karen J. Evans, 7190, Secretary — Stenographic.....	N	5 220
46. Dee W. Frame, 2839, Secretary — Stenographic.....	N	5 190
47. Amos Motsinger, 8296, Laundry Equipment Serviceman...	N	6 060
48. Arnold E. Nichols, 8560, Laundry Equipment Serviceman	N	5 130
49. Robert C. Fonner, 2842, Housing Maintenance Supervisor	N	8 220
50. Eugene W. Goldie, 2871, Housing Maintenance Supervisor	N	7 380
51. Francis W. Good, 2875, Housing Maintenance Supervisor	N	7 200
Total, Residence Halls Administration.....		\$284 890

Temporary Family Housing

Account Number 18-82-80-748

1. Sammy J. Rebecca, 2874, Housing Administrator II.....	N	\$ 6 900
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2. Suzanne A. Benson, 2879, Typing Clerk II.....	N	2 880
3. Leo J. Clennon, 2877, Fire Inspector.....	N	4 500
<i>Total, Temporary Family Housing.....</i>		<u>\$14 280</u>

Trust — Allen Halls Operation

Account Number 48-82-80-702

1. Nadine M. Cook, 3041, Clerk I.....	G	\$ 1 980
(Nine months)		
2. Joyce D. Knott, 2858, Residence Halls Clerk.....	H	2 640
3. Marliss J. Starwalt, 2863, Residence Halls Clerk.....	H	2 880
<i>Total, Trust — Allen Halls Operation.....</i>		<u>\$ 7 500</u>

Trust — Busey-Evans Operation

Account Number 48-82-80-708

1. Carrie Coffman, 2857, Residence Halls Clerk.....	H	\$ 3 300
2. Claude M. Harrell, 7508, Housing Maintenance Inspector	N	5 640
3. Margaret A. Knight, 2854, Food Production Manager....	N	6 150
(Perquisites University — two meals)		
4. Sylvia M. Thomas, 8672, Assistant Food Production		
Manager.....	N	4 500
(Perquisites University — two meals)		
<i>Total, Trust — Busey-Evans Operation.....</i>		<u>\$19 590</u>

Trust — Fourth Street Operation

Account Number 48-82-80-726

1. Clara M. Hulvey, 2865, Residence Halls Clerk.....	N	\$ 2 700
2. Elizabeth D. Lambert, 2849, Food Production Manager...	N	7 350
(Perquisites University — two meals)		
3. Jean M. Paul, 5679, Assistant Food Production Manager..	N	5 100
(Perquisites University — two meals)		
4. Joan Gwynn, 2850, Food Service Supervisor.....	N	4 080
(Perquisites University — two meals)		
5. ———, 8448, Food Service Supervisor.....	N	4 050
<i>Total, Trust — Fourth Street Operation.....</i>		<u>\$23 280</u>

Trust — Gregory Drive Halls Operation

Account Number 48-82-80-733

1. Leah M. Revell, 2852, Residence Halls Clerk.....	N	\$ 2 880
2. Robert E. Beyers, 2876, Housing Maintenance Inspector..	N	5 460
3. Ladyne K. Dendy, 8481, Food Production Manager.....	N	6 600
(Perquisites University — two meals)		
4. Eveilyn Whitson, 7552, Food Production Manager.....	N	7 380
(Perquisites University — two meals)		
5. Berneta Scheib, 7524, Assistant Food Production Manager	N	5 070
(Perquisites University — two meals)		
<i>Total, Trust — Gregory Drive Halls Operation.....</i>		<u>\$27 390</u>

Trust — Housing Revenue Bond Properties Operation

Account Number 48-82-80-734

1. John L. Hayes, 2823, Accountant II.....	N	\$ 7 410
2. R. F. Hott, 2846, Purchasing Assistant II.....	ZN30	2 670
(Total Salary)		(8 900)
3. Alma H. Potterfield, 2836, Accounting Clerk I.....	N	3 480
4. Sue C. Boyer, 8478, Residence Halls Clerk.....	N	2 580
5. Alice H. Fletcher, 8724, Residence Halls Clerk.....	N	2 700
6. ———, 8597, Residence Halls Clerk.....	N	2 400
7. Carol A. Duncan, 8553, Typing Clerk II.....	N	3 120
8. Ruth A. Vagner, 8237, Clerk-Stenographer II.....	N	3 720
9. Helen C. Goings, 8303, Clerk-Typist II.....	ZN	3 180
10. Blanche L. Welch, 8687, Test Kitchen Cook.....	N	3 300
(Perquisites University — two meals)		

11. Etna J. Doyle, 8516, Test Kitchen Dietitian.....	N	6 500
(Perquisites University — two meals)		
12. Richard A. Jolley, 7794, Housing Maintenance Inspector..	N	5 580
13. Glenn E. Mansfield, Housing Maintenance Inspector.....	N	4 800
14. Harold L. Reiss, 8351, Housing Maintenance Inspector...	N	5 130
15. Wayne H. Shroyer, 7980, Concessions Manager.....	N	8 300
16. Donald R. Sheppelman, 8742, Food Production Manager..	N	6 690
(Perquisites University — two meals)		
17. Patricia F. Bernauer, 7628, Assistant Food Production		
Manager	N	4 920
(Perquisites University — two meals)		
18. Ruby Waldron, 2855, Assistant Food Production Manager	N	4 890
(Perquisites University — two meals)		
19. Robert E. Selvey, 8099, Manager of Central Food Stores	N	10 500
(Perquisites University — one meal)		
20. Norman J. Cross, 8723, Bakery Supervisor.....	N	7 200
21. Floyd E. Davis, 8231, Produce Supervisor.....	N	6 300
<i>Total, Trust — Housing Revenue Bond Properties Op-</i>		
<i>eration</i>		\$105 370

Trust — Lincoln Avenue Operation

Account Number 48-82-80-746

1. Emma Marshky, 2856, Residence Halls Clerk.....	H	\$ 3 300
2. Lenora E. Morgan, 2861, Food Production Manager.....	N	6 600
(Perquisites University — two meals)		
3. Olivia R. Magtira, 7704, Assistant Food Production Man-		
ager	N	4 950
(Perquisites University — two meals)		
4. Marjorie S. Cavanah, 2862, Food Service Supervisor.....	N	4 000
(Perquisites University — two meals)		
5. Helen V. Meyers, 7677, Food Service Supervisor.....	N	4 320
(Perquisites University — two meals)		
<i>Total, Trust — Lincoln Avenue Operation.....</i>		\$23 170

Trust — Taft and Van Doren Houses Operation

Account Number 48-82-80-782

1. Sallie Jurs, 4894, Residence Halls Clerk.....	G	\$ 1 890
(Nine months)		
<i>Total, Trust — Taft and Van Doren Houses Operation..</i>		\$ 1 890

Illini Union — General Building

Account Number 48-82-90-710

1. Kermit M. Clark, 2694, Accountant II.....	N	\$ 8 600
2. Clarence C. Leverenz, 7432, Assistant to Director of Illini		
Union.....	N	8 200
(Perquisites University — one meal)		
3. C. E. Wertz, 2683, Assistant to Director of Illini Union..	ZN75	6 450
(Total Salary)		(8 600)
(Perquisites University — one meal)		
4. Joanne Kirk, 2691, Assistant to Social Director.....	N	4 970
5. Ettabelle Schwartz, 5594, Assistant to Social Director....	N	4 850
6. Pauline M. Pointer, 7707, Clerk I.....	N	3 240
7. Mary K. Quinlan, 2712, Clerk II.....	N	3 540
8. Loretta J. Pilgrim, 2685, Clerk III.....	N	4 800
9. Nancy O. Swanson, 2705, Clerk-Stenographer III.....	N	3 900
10. Cynthia Easterbrook, 2702, Clerk-Typist II.....	N	2 910
11. ———, 7616, Clerk-Typist II.....	N	3 300
12. ———, 5614, Clerk-Typist II.....	N	2 640
13. Beverly M. Beabout, 8355, Clerk-Typist III.....	N	3 900
14. Carolyn A. Cabalek, 2699, Clerk-Typist III.....	N	3 960
15. A. E. Sawyer, 2688, Chief Building Operating Engineer..	N	10 600
16. Pina A. Cornell, Bookkeeping Machine Operator I.....	N	2 700

17. Lyla L. May, 2708, Bookkeeping Machine Operator I.....	N	3 480
18. Martha J. Lusk, 2701, Bookkeeping Machine Operator II	N	3 840
19. Ruth M. Nogle, 8029, Duplicating Machine Operator I...	N	3 000
20. Elynn J. Gillogly, 5512, Duplicating Machine Operator III	N	4 500
21. Robert L. McNabb, 5424, Night Supervisor of Illini Union	N	7 000
(Perquisites University — one meal)		
<i>Total, Illini Union — General Building.....</i>		<u>\$100 380</u>

Illini Union — Food Service

Account Number 48-82-90-720

1. R. F. Hott, 0278, Purchasing Assistant II.....	ZN30	\$ 2 670
(Total Salary)		(8 900)
2. Helen M. England, 2725, Clerk II.....	N	3 600
(Perquisites University — one meal)		
3. Annette K. Nielsen, 2724, Clerk III.....	N	4 500
(Perquisites University — one meal)		
4. Luella Rennier, 6007, Clerk III.....	N	3 540
(Perquisites University — one meal)		
5. Evelyn M. Long, 2719, Food Production Manager.....	N	7 380
(Perquisites University — two meals)		
6. ———, 5861, Food Production Manager.....	N	6 870
(Perquisites University — two meals)		
7. Naomi J. Bowen, 2720, Assistant Food Production Man- ager.....	N	6 420
(Perquisites University — two meals)		
8. Florence A. Forsyth, 2722, Assistant Food Production Manager.....	N	5 320
(Perquisites University — two meals)		
9. Laura C. Gould, 5622, Assistant Food Production Manager	N	5 100
10. Karen R. Hauersperger, 7975, Assistant Food Production Manager.....	N	4 800
11. Carl F. Reardon, 7588, Assistant Food Production Man- ager.....	N	4 960
(Perquisites University — two meals)		
12. ———, 6831, Assistant Food Production Manager..	N	4 650
(Perquisites University — two meals)		
13. ———, 5310, Assistant Food Production Manager..	N	4 500
(Perquisites University — one meal)		
14. Marjorie S. Arkwright, 2714, Food Service Manager....	N	12 000
(Perquisites University — two meals)		
15. Audrey C. Graham, 5664, Catering Supervisor.....	N	4 700
(Perquisites University — two meals)		
16. Virgie B. Davisson, 8777, Counter Supervisor.....	N	3 760
17. Elffa E. Philbeck, 8776, Counter Supervisor.....	N	3 420
18. Mary K. Lerch, 8764, Dining Room Supervisor.....	N	3 420
19. Charles A. Adams, 8774, Dishroom Supervisor.....	N	4 200
20. Fumie Bonk, 6160, Food Service Supervisor.....	N	4 560
<i>Total, Illini Union — Food Service.....</i>		<u>\$100 370</u>

Illini Union — Billiards

Account Number 48-82-90-730

1. Bert N. Lippincott, 2735, Manager of Bowling Alleys and Billiard Room	ZN25	\$ 1 650
(Total Salary)		(6 600)
<i>Total, Illini Union — Billiards.....</i>		<u>\$ 1 650</u>

Illini Union — Bowling Alleys

Account Number 48-82-90-740

1. Bert N. Lippincott, 2735, Manager of Bowling Alleys and Billiard Room	ZN75	\$ 4 950
<i>Total, Illini Union — Bowling Alleys.....</i>		<u>\$ 4 950</u>

Illini Union — Bookstore

Account Number 48-82-90-770

1. _____, 8127, Clerk II.....	N	\$ 2 820
2. John A. Balagna, Jr., 2729, Bookstore Manager.....	N	9 400
3. George P. Newman, Jr., 5303, Assistant Bookstore Manager.....	N	5 820
<i>Total, Illini Union — Bookstore.....</i>		<u>\$18 040</u>

CHICAGO PROFESSIONAL COLLEGES**ADMINISTRATION AND GENERAL****Vice-President's Office**

Account Number 05-06-10

1. Karen M. Loan, 3230, Clerk-Stenographer III.....	N	\$ 4 800
2. Margaret C. Clancy, 3229, Administrative Secretary— Stenographic.....	N	8 400
<i>Total, Vice-President's Office.....</i>		<u>\$13 200</u>

Health Service

Account Number 05-06-15

1. Rosa M. Sowell, 6640, Typing Clerk II.....	N	\$ 4 080
2. _____, 3233, Clerk-Stenographer III.....	N	4 500
3. K. A. McClintock, 8254, Clerk-Typist II.....	N	4 320
4. Karen J. Powell, 3234, Clerk-Typist II.....	N	3 900
5. Jeanne B. Frost, 3232, Staff Nurse.....	N	5 046
(Perquisites University — one meal)		
<i>Total, Health Service.....</i>		<u>\$21 846</u>

Medical Research Laboratory

Account Number 05-06-17

1. G. O. Dodd, Head Animal Caretaker.....	N	.....
(On leave without pay)		
2. Herschel W. Jones, 3238, Head Animal Caretaker.....	N	\$ 6 080
3. Roberta M. Klafita, 3237, Typing Clerk III.....	N	4 160
4. _____, 7909, Staff Nurse.....	N	4 800
5. A. L. Hesse, 3236, Supervisor of Medical Research Laboratory.....	N	8 400
6. Reva M. Kemp, 3239, Histology Technologist.....	N	5 628
<i>Total, Medical Research Laboratory.....</i>		<u>\$29 068</u>

MEDICAL RESEARCH LABORATORY SERVICE

Account Number 15-10-09

1. Murphy R. Cooper, 7648, Accountant I.....	N	\$ 5 750
2. Nancy Nork, 6513, Typing Clerk III.....	N	4 020
3. Aura L. Smith, 7295, Surgical Technician.....	N	3 300
<i>Total, Medical Research Laboratory Service.....</i>		<u>\$13 070</u>

Business Office**Business Manager's Office**

Account Number 05-06-18

1. Alice L. Steger, 3261, Typing Clerk III.....	N	\$ 4 680
2. W. E. Cowart, 3258, Assistant Business Manager.....	N	13 560
3. Joan Hruby, 3259, Secretary — Stenographic.....	N	6 210
<i>Total, Business Manager's Office.....</i>		<u>\$24 450</u>

Accounting Division

Account Number 05-06-19

1. Joseph Juhasz, 3321, Accountant I.....	N	\$ 5 700
2. Arlene Nienhuis, 3263, Accountant I.....	N	6 120
3. C. J. Nowakowski, 3264, Accountant II.....	ZN65	6 055
(Total Salary)		<u>(8 700)</u>

4. Arthur Catrambone, 3265, Accountant III.....	ZN	10 400
5. Harold O. Albers, 3262, Division Chief Accountant.....	N	13 350
6. ———, 3270, Clerk-Stenographer III.....	N	5 040
<i>Total, Accounting Division.....</i>		<u>\$46 665</u>

Collections Division

Account Number 05-06-20

1. Mary A. Sans, 3279, Cashier I.....	N	\$ 3 600
2. Lucille Weiler, 3278, Cashier II.....	N	4 440
3. Dolores F. Keating, 3277, Cashier III.....	N	7 080
4. ———, 7160, Clerk-Typist I.....	N	3 600
<i>Total, Collections Division.....</i>		<u>\$18 720</u>

Payroll Division

Account Number 05-06-21

1. Ernestine Lathrop, 3282, Payroll Clerk II.....	N	\$ 4 440
2. Noreen A. Ryan, 3283, Payroll Clerk II.....	N	4 080
3. Beverly T. Lehmann, 3281, Payroll Clerk III.....	N	5 760
4. Genevieve Cameron, 3280, Payroll Supervisor.....	N	8 000
<i>Total, Payroll Division.....</i>		<u>\$22 280</u>

Purchasing Division

Account Number 05-06-22

1. J. F. Knight, 3284, Purchasing Agent.....	N	\$14 600
2. Ward L. Walhay, 3285, Assistant Purchasing Agent.....	ZN50	5 430
(Total Salary)		(11 400)
3. Mary C. Horne, 3287, Purchasing Assistant II.....	N	7 920
4. Joseph P. Ramsay, 3290, Purchasing Assistant II.....	ZN65	5 100
(Total Salary)		(8 070)
5. Stafford Kariotis, 3286, Purchasing Assistant III.....	ZN50	5 070
(Total Salary)		(10 300)
6. Andrew C. Collins, 7169, Receiving Clerk.....	N	4 320
7. James Jackson, 3294, Receiving Clerk.....	N	4 080
8. Evelyn B. Kortum, 3295, Clerk-Stenographer III.....	N	5 040
9. Agnes Maly, 3291, Secretary — Stenographic.....	N	5 940
10. Joseph Arnold, 3288, Supervisor of Central Receiving Station.....	N	6 000
<i>Total, Purchasing Division.....</i>		<u>\$63 500</u>

General Clerical

Account Number 05-06-24

1. Arthur Catrambone, 3265, Office Manager.....	ZN	.....
2. Anne C. Heramb, 6576, Clerk III.....	N	\$ 4 020
3. Tessie Twietmeyer, 5734, Clerk III.....	N	4 080
4. ———, 3274, Clerk III.....	N	4 260
5. J. C. Dolciamore, 3292, Chief Clerk.....	N	5 700
6. Anne S. Firszt, 3269, Chief Clerk.....	N	4 800
7. Loretta Scachitti, 3303, Typing Clerk I.....	ZN82	2 820
(Total Salary)		(3 720)
8. Patricia A. Dorsey, 3298, Typing Clerk II.....	N	3 600
9. Barbara Prochep, 3297, Typing Clerk II.....	N	3 720
10. A. Whittenburg, 3301, Typing Clerk II.....	N	3 600
11. Barbara J. Chovanec, 3296, Clerk-Typist II.....	N	3 900
12. Dorothy Diederich, 3275, Clerk-Typist II.....	N	3 900
13. Mary Lichtenwalter, 3300, Clerk-Typist II.....	N	4 380
14. Judy Ann Murphy, 3273, Clerk-Typist II.....	N	3 960
15. Lorraine A. Thesen, 3299, Clerk-Typist II.....	N	3 900
16. Anna Tucker, 3302, Clerk-Typist II.....	N	4 140
17. ———, 3260, Clerk-Typist II.....	N	3 900
18. Sue A. Coleman, 3266, Clerk-Typist III.....	ZN30	1 380
(Total Salary)		(4 200)
19. Mary C. Kreidler, 3322, Clerk-Typist III.....	N	4 620

20. Elizabeth O. Yore, 3271, Clerk-Typist III.....	N	4 560
21. Harriet B. Lynch, 3304, Inventory Supervisor.....	N	5 040
22. Dominic Trombetta, 3289, Inventory Supervisor.....	N	6 120
<i>Total, General Clerical.....</i>		<u>\$86 400</u>

General Stores

Account Number 15-05-15

1. Ward L. Walhay, 3285, Assistant Purchasing Agent.....	ZN20	\$ 2 190
(Total Salary)		(11 400)
2. Betty Babiar, 3313, Stores Clerk.....	N	4 560
3. Fred A. Howe, 7927, Stores Clerk.....	N	5 160
4. Elvie McClinton, 7926, Stores Clerk.....	N	5 040
5. Curtis Walton, 7925, Stores Clerk.....	N	4 500
6. Loretta Scachitti, 3303, Typing Clerk I.....	ZN18	900
(Total Salary)		(3 720)
7. Harry W. Phillipp, 3309, Stores Supervisor.....	N	7 300
<i>Total, General Stores.....</i>		<u>\$29 650</u>

Student Supply Storeroom

Account Number 15-05-35

1. Ward L. Walhay, 3285, Assistant Purchasing Agent.....	ZN30	\$ 3 780
(Total Salary)		(11 400)
2. Joseph P. Ramsay, 3290, Purchasing Assistant II.....	ZN35	2 970
(Total Salary)		(8 070)
3. Stafford Kariotis, 3286, Purchasing Assistant III.....	ZN25	2 880
(Total Salary)		(10 300)
4. Katia J. Vasseur, 3308, Clerk III.....	N	3 900
5. Estelle Mulatiero, 3307, Stores Clerk.....	N	4 230
6. B. F. Dungan, 3305, Manager of Student Supply Store....	N	9 000
7. William C. Godin, 7924, Stores Supervisor.....	N	6 000
<i>Total, Student Supply Storeroom.....</i>		<u>\$32 760</u>

Tabulating Service

Account Number 15-10-43

1. Florence Kemp, 3319, Card Punch Operator I.....	N	\$ 3 600
2. Karin Y. Pagel, 8619, Card Punch Operator I.....	N	3 600
3. Mary A. Cornell, 5160, Card Punch Operator II.....	N	4 620
4. Eileen E. Mulhall, 3318, Card Punch Operator III.....	N	5 160
5. Frank J. Opolony, 8250, Tabulating Machine Operator I....	N	3 840
6. Lawrence W. Wilborn, 7348, Tabulating Machine Operator I.....	N	3 840
(On military leave without pay)		
7. Eugene J. Krych, 7065, Tabulating Machine Operator III	N	4 920
8. Otie P. Carter, 3316, Tabulating Machine Supervisor....	N	11 450
9. Steve E. Adamczyk, 3317, Assistant Tabulating Machine Supervisor.....	N	7 620
<i>Total, Tabulating Service.....</i>		<u>\$48 650</u>

Trust—Hospital and Medical Service Business Office

Account Number 15-15-25

1. ———, 8385, Typing Clerk III.....	N	\$ 3 900
<i>Total, Trust—Hospital and Medical Service Business Office.....</i>		<u>\$ 3 900</u>

Trust—Indirect Costs—Business Office

Account Number 56-06-03

1. C. J. Nowakowski, 3264, Accountant II.....	ZN35	\$ 2 645
(Total Salary)		(8 700)
2. Marie Herman, 8077, Chief Clerk.....	N	5 640
3. Adeline Kocolowski, 3276, Chief Clerk.....	N	5 640
4. Marlene M. Ruffolo, 7996, Clerk-Stenographer III.....	N	4 680
5. Sue A. Coleman, 3266, Clerk-Typist III.....	ZN70	2 820
(Total Salary)		(4 200)
<i>Total, Trust—Indirect Costs—Business Office.....</i>		<u>\$21 425</u>

Auditing

Account Number 05-06-23

1. Wilbert Gordon, 3326, Accountant II.....	ZN84	\$ 7 440
(Total Salary)		(8 900)
2. Gust Hermanson, 8660, Accountant II.....	N	7 600
3. Frederick J. Ray, 3325, Accountant II.....	N	6 600
4. Carlton Merrifield, 3324, Assistant Auditor.....	N	10 900
5. Alice W. Glowacki, 3327, Clerk-Typist III.....	N	4 770
<i>Total, Auditing</i>		<u>\$37 310</u>

Trust — Indirect Costs — Auditing

Account Number 56-06-04

1. Wilbert Gordon, 3326, Accountant II.....	ZN16	\$ 1 460
<i>Total, Trust — Indirect Costs — Auditing</i>		<u>\$ 1 460</u>

Admissions and Records

Account Number 05-06-25

1. ———, 3333, Men's Locker Room Attendant.....	ZN50	\$ 2 320
(Total Salary)		(4 640)
2. Lynda K. Fishel, 3332, Typing Clerk II.....	N	3 810
3. Ann Feryanchik, 3331, Typing Clerk III.....	N	4 170
4. Genevieve R. Mutka, 3329, Clerk-Stenographer III.....	N	5 040
5. Helen E. Wyle, 3330, Clerk-Stenographer III.....	N	5 760
6. Velma M. Davis, 3328, Examiner and Recorder.....	N	8 820
<i>Total, Admissions and Records</i>		<u>\$29 920</u>

Nonacademic Personnel

Account Number 05-06-30

1. Mae Slappey, 6311, Personnel Assistant II.....	N	\$ 5 100
2. ———, Personnel Assistant III.....	N	4 800
3. Darlene Peddicord, 3340, Typing Clerk II.....	N	3 780
4. Mary F. Pacer, 3342, Typing Clerk III.....	N	4 980
5. Marion E. Erickson, 3339, Clerk-Stenographer III.....	N	5 400
6. Regina Smith, 3337, Clerk-Typist II.....	N	4 140
7. Rose Mary Strueck, 3334, Visiting Nurse.....	ZN60	3 420
(Total Salary)		(5 700)
8. George H. Adams, 7368, Labor Relations Officer.....	N	11 070
9. Noreen A. Loan, 7960, Personnel Officer I.....	N	7 500
10. Gertrude Meiers, 3335, Personnel Officer II.....	N	9 060
11. Maurice S. Cohen, 5488, Placement Officer.....	N	6 870
12. Harry R. Murphy, 3336, Placement Officer.....	N	7 200
<i>Total, Nonacademic Personnel</i>		<u>\$73 320</u>

Stenographic Service

Account Number 15-10-39

1. Carliss Prestwood, 7229, Duplicating Machine Operator I.....	N	\$ 3 300
2. Margery B. Robinson, 8135, Duplicating Machine Operator I.....	N	3 300
3. Lois Thompson, 8473, Duplicating Machine Operator I.....	N	3 300
4. Dolores C. Frank, 3343, Duplicating Machine Operator III.....	N	5 100
<i>Total, Stenographic Service</i>		<u>\$15 000</u>

Trust — Indirect Costs — Nonacademic Personnel

Account Number 56-06-02

1. Barbara J. Walin, 5735, Clerk-Stenographer II.....	N	\$ 4 200
2. Marian V. Allen, 7681, Clerk-Stenographer III.....	N	5 400
<i>Total, Trust — Indirect Costs — Nonacademic Personnel</i>		<u>\$ 9 600</u>

Student Affairs

Account Number 05-06-32

1. Lavon Elliott, 3344, Clerk-Stenographer III.....	N	\$ 5 160
2. Demaris Pinkstaff, 6899, Clerk-Stenographer III.....	N	4 920

3. _____, 3345, Clerk-Typist II.....	N	3 990
4. _____, 7440, Secretary — Stenographic.....	N	5 100
<i>Total, Student Affairs.....</i>		<u>\$19 170</u>

Public Information

Account Number 05-06-35

1. Janice M. Kampe, 7100, Clerk-Stenographer III.....	N	\$ 5 280
2. Jack Righeimer, 6607, Assistant Manager of Public Information.....	N	6 200
<i>Total, Public Information.....</i>		<u>\$11 480</u>

Broadcasting

Account Number 05-06-36

1. Roberta Byrne, 6672, Clerk-Typist III.....	N	\$ 4 890
2. Alfred E. Partridge, 6483, Supervisor of Educational Programs, Radio Station.....	N	9 450
3. Barbara J. Matt, 6753, Television Writer and Producer....	N	6 660
<i>Total, Broadcasting</i>		<u>\$21 000</u>

Illustration Studios

Account Number 05-06-39

1. Dagmar Bankowski, 3398, Clerk-Typist III.....	N	\$ 4 470
2. Gretchen Kruissink, Draftsman.....	N	3 780
3. Evelyn M. Robbins, 8034, Photographer II.....	N	5 300
4. Frank J. Marek, 3397, Clinical Photographer.....	N	6 770
5. Frederick Sharp, 8035, Clinical Photographer.....	N	9 000
6. Lawrence Toriello, 3395, Clinical Photographer.....	N	9 000
<i>Total, Illustration Studios.....</i>		<u>\$38 320</u>

COLLEGE OF MEDICINE**Administration**

Account Number 05-12-03

1. _____, 3333, Men's Locker Room Attendant.....	ZN50	\$ 2 320
(Total Salary)		(4 640)
2. Elizabeth L. Faler, 3377, Chief Clerk.....	ZN	5 200
(Total Salary)		(6 240)
3. Yvonne L. Baker, 3353, Clerk-Stenographer III.....	N	5 700
4. Mary A. Finnegan, 3352, Clerk-Stenographer III.....	N	5 280
5. Violet Gabriel, 3349, Clerk-Typist III.....	N	4 590
6. Catharine E. Dolan, 3348, Administrative Secretary — Stenographic	N	8 400
<i>Total, Administration</i>		<u>\$31 490</u>

Cooperative Investigations

TRUST — MEDICAL EDUCATION RESEARCH COMMONWEALTH FUND

Account Number 50-05-10

1. Lillie A. Brewton, 8005, Clerk-Typist III.....	N	\$ 4 590
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Anatomy

Account Number 05-12-18

1. Grace S. Winfrey, 6446, Laboratory Assistant III.....	N	\$ 4 740
2. Rose L. Walsh, 3359, Chief Clerk.....	N	6 110
3. Mary A. Simon, 6040, Clerk-Typist II.....	N	4 000
4. Thomas Blacine, Jr., 7498, Anatomy Curator (Trainee)....	N	4 500
5. George H. Miller, 3356, Pathotechnologist.....	N	6 672
6. Lucille M. Shepherd, 3357, Histology Technologist.....	N	5 772
<i>Total, Anatomy</i>		<u>\$31 794</u>

Cooperative Investigations

TRUST — U.S. ARMY MD 794

Account Number 55-16-95

1. Billy Carroll, 7684, Animal Caretaker I.....	N	\$ 3 996
2. James E. Richmond, 7067, Animal Caretaker I.....	N	4 740
<i>Total, Trust — U.S. Army MD 794.....</i>		<u>\$ 8 736</u>

Biological Chemistry

Account Number 05-12-27

1. _____, 3372, Laboratory Assistant I.....	N	\$ 3 900
2. Anne F. Douglas, 3374, Clerk-Stenographer II.....	N	4 584
3. Anne L. Megley, 5185, Secretary — Stenographic.....	N	6 120
4. Wendell P. Peete, 7661, Storekeeper.....	N	5 232
5. Harold Trahan, 8122, Biochemistry Technologist.....	N	5 916
6. Nathaniel Jackson, 3373, Medical Technologist I.....	N	5 364
<i>Total, Biological Chemistry.....</i>		<u>\$31 116</u>

Cooperative Investigations

TRUST — C. PFIZER AND COMPANY

Account Number 50-12-10

1. Rita C. Hoffman, 7337, Biochemistry Technologist.....	N	\$ 5 496
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TRUST — AMERICAN CANCER SOCIETY

Account Number 50-12-50

1. Bobby H. Biggers, 6564, Biochemistry Technologist.....	N	\$ 5 496
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TRUST — AMERICAN CANCER SOCIETY

Account Number 50-12-60

1. Victor S. Anderson, 8044, Medical Technologist I.....	N	\$ 4 740
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TRUST — U.S. PUBLIC HEALTH SERVICE A2624C2

Account Number 55-21-04

1. Harold E. Charles, 7690, Biochemistry Technologist.....	N	\$ 5 496
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TRUST — U.S. PUBLIC HEALTH SERVICE A1543C3

Account Number 55-21-14

1. Josephus D. Abrams, 6550, Biochemistry Technologist....	N	\$ 5 496
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TRUST — U.S. RS 6686 C

Account Number 55-21-29

1. Alice Lonsdale, 8618, Biochemistry Technologist.....	N	\$ 5 496
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TRUST — U.S. PUBLIC HEALTH SERVICE E2813C2

Account Number 55-21-44

1. Habib Rejal, 7768, Biochemistry Technologist.....	N	\$ 6 204
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TRUST — U.S. PUBLIC HEALTH SERVICE E3380C

Account Number 55-21-47

1. Allen B. Levin, 8321, Medical Technologist I.....	N	\$ 4 980
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TRUST — U.S. PUBLIC HEALTH SERVICE CY2856C4

Account Number 55-21-69

1. Kaname Nakamura, 8461, Biochemistry Technologist.....	N	\$ 5 496
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TRUST — U.S. PUBLIC HEALTH SERVICE E1514C4

Account Number 55-21-89

1. Mary J. Firszt, 6981, Biochemistry Technologist.....	N	\$ 6 204
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TRUST — U.S. PUBLIC HEALTH SERVICE 2479

Account Number 55-21-95

1. Hannah Watkins, 8255, Biochemistry Technologist.....	N	\$ 5 496
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TRUST — U. S. PUBLIC HEALTH SERVICE

Account Number 55-22-10

1. Pearl Smith, 6919, Laboratory Assistant III.....	N	\$ 4 512
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TRUST — U.S. ARMY MD 2133

Account Number 55-22-15

1. Margaret K. Johnson, 8531, Medical Technologist I.....	N	\$ 4 740
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TRUST — U.S. PUBLIC HEALTH SERVICE 2347C6

Account Number 55-35-81

1. Wyndolyn H. Jenkins, 8621, Laboratory Assistant III....	N	\$ 4 740
2. Myrtle Thornton, 7462, Biochemistry Technologist.....	N	5 496

Total, Trust — U.S. Public Health Service 2347C6..... \$10 236

Clinical Science

Account Number 05-12-30

1. Elizabeth L. Faler, 3377, Chief Clerk.....	ZN	\$ 1 040
(Total Salary)		(6 240)
<i>Total, Clinical Science</i>		\$ 1 040

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE H3411C4

Account Number 55-25-19

1. Michael Batina, 8072, Animal Caretaker I.....	N	\$ 3 720
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Dermatology

Account Number 05-12-36

1. Sadie B. Stringer, 6635, Laboratory Assistant III.....	N	\$ 4 404
2. Mary M. Mungovan, 7963, Clerk-Stenographer III.....	N40	1 890
3. ———, 7963, Clerk-Stenographer III.....	N20	1 068
4. Marie P. Ehrlicher, 3393, Secretary — Stenographic.....	N	5 910
5. Vanda Zolynas, 3392, Histology Technologist.....	N	5 496
<i>Total, Dermatology</i>		\$18 768

Medical Social Work

Account Number 05-12-41

1. Josephine Hickey, 3677, Clerk-Stenographer III.....	N	\$ 4 620
2. Myrtle H. Parkman, 3675, Clerk-Stenographer III.....	N	4 620
3. Lauretta Willborn, 3545, Clerk-Stenographer III.....	N	4 980
4. Frances Denham, 3676, Clerk-Typist II.....	N	3 960
5. Leola Mathews, 4501, Clerk-Typist II.....	N	3 960
6. Helen Strano, 3674, Secretary — Stenographic.....	N	5 370
(On leave without pay)		
<i>Total, Medical Social Work</i>		\$27 510

Medicine

Account Number 05-12-42

1. Bertha Mae Heady, 3411, Laboratory Assistant I.....	N	\$ 3 408
2. Edward L. Eckert, 6474, Equipment Attendant.....	N	5 100
3. Joyce M. Adamczyk, 3415, Clerk-Stenographer II.....	N	4 440
4. Nancy Leasure, 3416, Clerk-Stenographer III.....	ZN50	2 520
(Total Salary)		(5 040)
5. Mary L. Lockett, 3413, Clerk-Stenographer III.....	N	4 500
6. Roberta D. Nelson, 7230, Clerk-Stenographer III.....	N	5 340
7. Beatrice Parker, 3414, Clerk-Stenographer III.....	N	4 905
8. Parreannie J. Davis, 3412, Clerk-Typist II.....	N	4 140
9. Joann Sandvall, 7922, Clerk-Typist II.....	ZN50	1 950
(Total Salary)		(3 900)
10. A. E. Stewart-Morris, 5298, Clerk-Typist III.....	N	4 200
11. Bennie F. Booker, 5317, Pathotechnologist.....	ZN82	4 616
(Total Salary)		(5 628)
12. Peggy A. Spieth, 7525, Pathotechnologist.....	N	5 916
13. Doris Nielsen, 3406, Secretary — Stenographic.....	N	7 200
14. Maija I. Mednieks, 5316, Biochemistry Technologist.....	N	5 628
15. Frances D. Engram, 7010, Medical Technologist I.....	N	4 740
<i>Total, Medicine</i>		\$68 603

Cooperative Investigations

TRUST — BRISTOL LABORATORY

Account Number 50-24-54

1. Peggy Dunbar, 8659, Medical Technologist I.....	N	\$ 4 740
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TRUST — AMERICAN MEDICAL EDUCATION

Account Number 50-24-63

1. Beatrice F. Bozich, 8346, Medical Technologist I.....	N	\$ 4 860
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TRUST — G. D. SEARLE AND COMPANY

Account Number 50-24-68

1. Lola Boeck, 8297, Medical Technologist I.....	ZN30	\$ 1 404
(Total Salary)		(4 722)

TRUST — U.S. PUBLIC HEALTH SERVICE EYP4912C

Account Number 55-35-02

1. Joyce Boggess, 6020, Laboratory Assistant III.....	N	\$ 4 512
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TRUST — U.S. ATOMIC ENERGY COMMISSION PROJECT 17

Account Number 55-35-05

1. Birgitta M. Evers, 8654, Medical Technologist I (Trainee) N		\$ 4 740
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TRUST — U.S. PUBLIC HEALTH SERVICE CYP4985C

Account Number 55-35-07

1. Mary J. Unger, 7857, Clerk-Typist II.....	N	\$ 4 410
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TRUST — U.S. PUBLIC HEALTH SERVICE H2253C4

Account Number 55-35-14

1. Nancy Leasure, 3416, Clerk-Stenographer II.....	ZN50	\$ 2 520
2. Kathleen I. Guest, 8556, Medical Technologist I.....	N	4 740
Total, Trust — U.S. Public Health Service H2253C4....		\$ 7 260

TRUST — U.S. PUBLIC HEALTH SERVICE E1690C3

Account Number 55-35-18

1. Larose E. Favors, 6109, Laboratory Assistant II.....	N	\$ 3 720
2. Loretta J. Parr, 8413, Clerk-Typist II.....	ZN10	390
(Total Salary)		(3 900)
3. Joann Sandvall, 7922, Clerk-Typist II.....	ZN50	1 950
4. Berit M. Bertilson, 7849, Pathotechnologist.....	N	5 628
Total, Trust — U.S. Public Health Service E1690C3....		\$11 688

TRUST — U.S. PUBLIC HEALTH SERVICE E2044C2

Account Number 55-35-28

1. Bennie F. Booker, 5317, Pathotechnologist.....	ZN18	\$ 1 012
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TRUST — U.S. PUBLIC HEALTH SERVICE E1855C3

Account Number 55-35-63

1. Isabel L. Chang, 7331, Biochemistry Technologist.....	N	\$ 5 496
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TRUST — U.S. ARMY MD 421

Account Number 55-35-65

1. Eugenia Wade, 6238, Laboratory Assistant I.....	N	\$ 3 720
2. Loretta J. Parr, 8413, Clerk-Typist II.....	ZN90	3 510
Total, Trust — U.S. Army MD 421.....		\$ 7 230

TRUST — U.S. PUBLIC HEALTH SERVICE 2347C6

Account Number 55-35-81

1. Janet G. Korzen, 6099, Clerk-Stenographer III.....	N	\$ 4 830
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TRUST — U.S. PUBLIC HEALTH SERVICE A3758C

Account Number 55-35-83

1. Jane H. Synek, 7090, Medical Technologist I.....	N	\$ 5 232
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TRUST — U.S. PUBLIC HEALTH SERVICE 2A5105C3

Account Number 55-35-93

1. Lola Boeck, 8297, Medical Technologist I.....	ZN70	\$ 3 318
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TRUST — U.S. PUBLIC HEALTH SERVICE H5124C

Account Number 55-35-96

1. Karin Ekstrand, 8331, Pathotechnologist.....	N	\$ 5 496
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TRUST — U.S. PUBLIC HEALTH SERVICE C5440C

Account Number 55-35-98

1. Valentina T. Lolans, 8388, Medical Technologist I.....	N	\$ 4 740
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Microbiology

Account Number 05-12-44

1. Mary Aldridge, 3368, Laboratory Assistant I.....	N	\$ 3 720
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2. Calvin U. Toliver, 3365, Laboratory Assistant I.....	N	3 720
3. —————, 6058, Laboratory Assistant I.....	N	3 216
4. Vladas Literskis, 5779, Laboratory Assistant II.....	N	4 512
5. Deborah Dickinson, 3367, Laboratory Assistant III.....	N	4 740
6. Lula M. Neal, 3366, Laboratory Assistant III.....	N	4 404
7. Stanley G. Moore, 6054, Laboratory Program Administrative Assistant	N	7 260
8. Dorothy M. Daniels, 7102, Clerk-Typist III.....	ZN50	2 340
(Total Salary)		(4 650)
9. Ethel M. Ortwein, 5776, Secretary — Stenographic.....	N	6 060
<i>Total, Microbiology</i>		<u>\$39 972</u>

Neurology and Neurological Surgery

Account Number 05-12-45

1. Fumiko Koketsu, 3440, Laboratory Assistant I.....	N	\$ 3 600
2. Sharon M. Kwak, 3430, Laboratory Assistant I.....	N	3 300
3. Marie Woolfolk, 3439, Laboratory Assistant I.....	N	3 720
4. Beatrice K. Meyers, 6055, Laboratory Program Administrative Assistant	NS	9 120
5. Lorayne R. Oerter, 3436, Clerk-Stenographer III.....	N	5 160
6. Alyce E. Oxford, 3433, Clerk-Typist II.....	N	4 320
7. Danuta J. Myslicki, 3437, Clerk-Typist III.....	N	4 200
8. Hildegard Saracco, 3432, Secretary — Stenographic.....	N	6 900
9. Marie C. Hammer, 3438, Electroencephalographic Technician.....	N	2 732
10. Bonnie A. Levy, 5969, Electroencephalographic Technician	N	4 200
11. Katie Spraggins, 6196, Electroencephalographic Technician (Trainee)	N	4 020
12. —————, 3438, Electroencephalographic Technician...	N	2 008
13. Ann T. Greboski, 6995, Supervising Electroencephalographic Technician	N	5 340
14. Roxy L. Pickering, 3428, Chief Medical X-ray Technician.	NS	9 120
<i>Total, Neurology and Neurological Surgery</i>		<u>\$67 740</u>

Epilepsy Clinic Revolving

Account Number 07-12-10

1. Ray Schuman, 3443, Clerk-Stenographer III.....	N	\$ 4 800
<i>Total, Epilepsy Clinic Revolving</i>		<u>\$ 4 800</u>

Cooperative Investigations

TRUST — CRIPPLED CHILDREN'S BUREAU — CONSULTATION CLINIC — EPILEPSY

Account Number 53-12-10

1. Aline I. Portner, 6688, Electroencephalographic Technician	N	\$ 4 800
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Obstetrics and Gynecology

Account Number 05-12-48

1. Marie Lindsey, 7142, Clerk-Typist II.....	N	\$ 3 900
2. Blanche M. Mayberry, 3446, Clerk-Typist III.....	N	4 830
3. Esther H. Fiessel, 3445, Secretary — Stenographic.....	N	6 990
<i>Total, Obstetrics and Gynecology</i>		<u>\$15 720</u>

Cooperative Investigations

TRUST — AMERICAN CANCER SOCIETY

Account Number 50-27-13

1. Ethel E. Raglin, 8016, Laboratory Assistant III.....	N	\$ 4 296
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TRUST — U.S. PUBLIC HEALTH SERVICE RG6015C2

Account Number 55-42-27

1. Joseph M. James, 6767, Biochemistry Technologist.....	N	\$ 5 496
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Occupational Therapy

Account Number 05-12-49

1. Aubert J. Lemrise, 3450, Occupational Therapy Aide....	N	4 800
2. Juanita Wales, 3448, Clerk-Typist II.....	N	4 050

3. Elizabeth C. Edelen, 3449, Musician.....	N	5 370
4. Rita J. Toohey, 3447, Secretary — Transcribing.....	N	5 640
<i>Total, Occupational Therapy.....</i>		<u>\$19 860</u>

Ophthalmology

Account Number 05-12-51

1. Joan C. Anderson, 3456, Clerk-Stenographer III.....	N	\$ 5 120
2. Ludmila V. Zmeskal, 3453, Clerk-Stenographer III.....	N	5 160
3. Huldah E. Johnson, 3451, Pathotechnologist.....	N	6 672
4. Joan R. Dering, 3452, Secretary — Transcribing.....	N	5 950
5. Leonora P. Bueno, 3454, Histology Technologist.....	N	5 496
6. Lydia K. Heinen, 3455, Medical Technologist I.....	N	5 496
<i>Total, Ophthalmology</i>		<u>\$33 894</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE 2B5195C1

Account Number 55-46-21

1. Edith V. Roth, 8322, Medical Technologist I.....	N	\$ 4 860
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Orthopaedic Surgery

Account Number 05-12-54

1. Arleana S. Walton, 3465, Laboratory Assistant I.....	N	\$ 3 372
2. Alice C. Bartlett, 3462, Laboratory Assistant III.....	N	5 100
3. Nell E. White, 5683, Clerk II.....	N	4 080
4. Ellie Lowe, 3468, Clerk-Stenographer II.....	N	4 680
5. Linda Pearlmuter, 7352, Clerk-Stenographer III.....	N	4 560
6. Jeanette M. Damon, 3467, Clerk-Typist II.....	N	4 140
7. Joseph S. Kozicki, 5559, Photographer II.....	N	5 310
8. Ida Stephan, 3466, Secretary — Stenographic.....	N	6 990
<i>Total, Orthopaedic Surgery.....</i>		<u>\$38 232</u>

Otolaryngology

Account Number 05-12-57

1. Agnes E. Schirka, 3473, Laboratory Assistant II.....	N	\$ 4 512
2. Catherine Connery, 3476, Clerk-Stenographer III.....	N	5 280
3. Gloria M. Turner, 3477, Clerk-Stenographer III.....	N	4 770
4. ———, 3475, Clerk-Stenographer III.....	N	5 280
5. Maria E. Ikenberg, 3470, Clinical Photographer.....	N	7 500
6. Marion B. Wickland, 3474, Secretary — Stenographic.....	N	7 000
7. Andrew W. Lee, 3469, Electro-Acoustic Technician.....	N	5 850
8. Fannie Lee Billups, 3471, Histology Technologist.....	N	5 496
9. Imogene Miles, 3472, Medical Technologist I.....	N	4 740
<i>Total, Otolaryngology</i>		<u>\$50 428</u>

Pathology

Account Number 05-12-60

1. Jessie F. Brown, 3483, Laboratory Assistant II.....	N	\$ 4 200
2. Adolphus Goode, 3481, Laboratory Assistant III.....	N	5 220
3. Kunigunda Silinis, 3482, Laboratory Assistant III.....	N	5 100
4. Ruth M. Jacobs, 6492, Laboratory Program Administrative Assistant.....	N	6 750
5. Cyril V. Gazarek, 3479, Pathotechnologist.....	N	6 840
6. Mildred M. Goldfeller, 3484, Secretary — Stenographic..	N	.....
(On disability leave without pay — University Retirement System)		
7. Thelma M. Sims, 3484, Secretary — Stenographic.....	N	6 600
8. Elena Sniegaitis, 3478, Histology Technologist.....	N	5 772
<i>Total, Pathology</i>		<u>\$40 482</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE H2253C4

Account Number 55-35-14

1. Joana Puniska, 7714, Medical Technologist I.....	N	\$ 4 740
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TRUST — U.S. A968C5 TISSUE CHANGES — PIRANI

Account Number 55-47-10

1. Alice Hallworth, 3487, Laboratory Assistant III.....	N	\$ 4 860
2. Betty L. Ferguson, 6328, Medical Technologist I.....	N	5 100
<i>Total, Trust — U.S. A968C5 Tissue Changes — Pirani..</i>		<u>\$ 9 960</u>

TRUST — U.S. PUBLIC HEALTH SERVICE A4365

Account Number 55-47-25

1. Frances A. Griffin, 8472, Laboratory Assistant I.....	N	\$ 3 456
2. Leonas Zeruolis, 8626, Laboratory Assistant III.....	N	4 404
<i>Total, Trust — U.S. Public Health Service A4365.....</i>		<u>\$ 7 860</u>

TRUST — U.S. PUBLIC HEALTH SERVICE 8304C

Account Number 55-47-38

1. Milton V. Farquhar, 8635, Medical Technologist I.....	N	\$ 4 740
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TRUST — U.S. PUBLIC HEALTH SERVICE H1623C9

Account Number 55-47-44

1. Raymond H. Arias, 6774, Laboratory Assistant I.....	N	\$ 3 372
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Pediatrics

Account Number 05-12-63

1. Alice Andersen, 3490, Secretary — Stenographic.....	N	\$ 6 000
<i>Total, Pediatrics</i>		<u>\$ 6 000</u>

Cooperative Investigations**TRUST — U.S. PUBLIC HEALTH SERVICE CS9665C**

Account Number 55-48-06

1. Gwendolyn Olberg, 7827, Visiting Nurse.....	N	\$ 4 800
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TRUST — U.S. PUBLIC HEALTH SERVICE D1064C

Account Number 55-48-11

1. Dixie L. Turpin, 7999, Clerk-Typist II.....	N	\$ 4 080
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Pharmacology

Account Number 05-12-66

1. Dolores J. Shevlin, 3498, Clerk-Stenographer III.....	N	\$ 4 800
2. Bert M. Gustafson, 3499, Instrument Maker.....	N	7 590
3. Ralph L. Nye, 3500, Senior Laboratory Mechanic.....	N	5 100
4. Polly F. Cline, 3497, Secretary — Stenographic.....	N	5 950
5. Anita Tatone, 3501, Secretary — Stenographic.....	N	5 500
<i>Total, Pharmacology</i>		<u>\$28 940</u>

Cooperative Investigations**TRUST — LICENSED BEVERAGE INDUSTRIES**

Account Number 55-45-01

1. Dolores C. Firszt, 6916, Biochemistry Technologist.....	N	\$ 5 628
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TRUST — U.S. PUBLIC HEALTH SERVICE 2354C4

Account Number 55-50-09

1. Estella Mason, 3504, Laboratory Assistant I.....	N	\$ 3 720
2. Charles Richardson, 7877, Laboratory Assistant II.....	N	3 900
<i>Total, Trust — U.S. Public Health Service 2354C4.....</i>		<u>\$ 7 620</u>

TRUST — U.S. PUBLIC HEALTH SERVICE 2G81C2

Account Number 55-50-13

1. George B. Blair, 8270, Laboratory Assistant III.....	N	\$ 4 296
2. Mary A. Fiuk, 7998, Clerk-Typist I.....	N80	2 880
<i>Total, Trust — U.S. Public Health Service 2G81C2.....</i>		<u>\$ 7 176</u>

TRUST — U.S. PUBLIC HEALTH SERVICE B983C5

Account Number 55-50-50

1. Peggy J. Davis, 7888, Medical Technologist I.....	N	\$ 4 860
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Physical Medicine and Rehabilitation

Account Number 05-12-72

1. Naomi McCutcheon, 3506, Secretary—Stenographic.....	N	\$ 6 000
2. —————, 6755, Medical Technologist I.....	N	4 740
<i>Total, Physical Medicine and Rehabilitation.....</i>		<u>\$10 740</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE H2568C4

Account Number 55-52-09

1. Roscoe E. Mitchell, 6912, Biochemistry Technologist.....	N	\$ 5 496
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Physiology

Account Number 05-12-75

1. John Firek, 3512, Laboratory Assistant II.....	N	\$ 4 512
2. Karen A. Daly, 3511, Clerk-Stenographer II.....	N	4 200
3. Ruth E. James, 3514, Clerk-Typist III.....	N	4 800
4. George H. Luhr, 3508, Instrument Maker.....	N	7 890
5. Edwin R. Herskind, 5060, Senior Laboratory Mechanic..	N	5 340
6. Virginia J. Maier, 3513, Secretary—Stenographic.....	N	6 090
7. Julius J. Gyorko, 8121, Storekeeper.....	N	4 740
8. Phoebe G. Prentiss, 3516, Principal Laboratory Technologist	N	9 600
<i>Total, Physiology</i>		<u>\$47 172</u>

Cooperative Investigations

TRUST — AMERICAN CANCER SOCIETY — ENERGY SOURCE ANOXIC HEPATOMAS

Account Number 50-51-07

1. Z. Buinevicius, 8583, Medical Technologist I.....	N	\$ 4 740
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TRUST — AMERICAN CANCER SOCIETY P183A

Account Number 50-51-25

1. Robert M. Kodama, 8647, Biochemistry Technologist.....	N	\$ 5 496
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TRUST — U.S. PUBLIC HEALTH SERVICE H4155C

Account Number 55-55-08

1. Ronald J. Conner, 8534, Laboratory Assistant III.....	N	\$ 4 512
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TRUST — U.S. PUBLIC HEALTH SERVICE H4517

Account Number 55-55-15

1. Helen T. McClain, 8348, Biochemistry Technologist.....	N	\$ 5 496
2. Dora Reynolds, 8586, Medical Technologist I.....	N	4 740
<i>Total, Trust — U.S. Public Health Service H4517.....</i>		<u>\$10 236</u>

TRUST — U.S. PUBLIC HEALTH SERVICE 2345C4

Account Number 55-55-64

1. Adeline M. Kuzara, 8085, Laboratory Assistant II.....	N	\$ 3 996
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TRUST — U.S. PUBLIC HEALTH SERVICE 2766C4

Account Number 55-55-79

1. Natsu Taylor, 7105, Biochemistry Technologist.....	N	\$ 5 628
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Preventive Medicine

Account Number 05-12-78

1. Ophelia J. Berry, 3525, Secretary — Stenographic.....	N	\$ 5 340
<i>Total, Preventive Medicine.....</i>		<u>\$ 5 340</u>

Cooperative Investigations

TRUST — MERCK, SHARPE, AND DOHME

Account Number 50-52-80

1. Eugenia Kefalides, 7939, Clerk-Stenographer III.....	N	\$ 4 920
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TRUST — U.S. PUBLIC HEALTH SERVICE E1690C3

Account Number 55-35-18

1. Ann E. Williams, 8716, Microbiology Technologist.....	N	\$ 5 496
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TRUST—U.S. PUBLIC HEALTH SERVICE E2613C2

Account Number 55-57-17

1. Cardella Price, 3526, Laboratory Assistant I.....	N	\$ 3 456
2. Loretta Bates, 8788, Laboratory Assistant II.....	N	3 804
3. Erika A. Paustian, 6754, Laboratory Assistant II.....	N	4 092
<i>Total, Trust—U.S. Public Health Service E2613C2.....</i>		<u>\$11 352</u>

Psychiatry

Account Number 05-12-81

1. Lucille Elliott, 3536, Laboratory Assistant I.....	N	\$ 3 720
2. Betty J. Dobbs, 3532, Laboratory Assistant III.....	N	4 980
3. Genevieve M. Lowden, 3534, Laboratory Assistant III.....	N	4 980
4. Robert C. Helm, 3555, Animal Caretaker I.....	N	4 188
5. Rachel M. Maschio, 3547, Clerk-Stenographer II.....	N	4 320
6. Lorraine F. McNeill, 3540, Clerk-Stenographer III.....	N	5 760
7. Elizabeth N. Sachs, 3543, Clerk-Stenographer III.....	N60	2 820
8. Margaret O. Baigen, 3546, Clerk-Typist III.....	N	4 980
9. Luella Head, 7281, Clerk-Typist III.....	N	4 320
10. ———, 3541, Clerk-Typist III.....	N	4 440
11. Frank A. Liscarz, 7406, Instrument Maker.....	N	6 420
12. Elaine R. Engstrom, 3538, Secretary—Stenographic.....	N	6 960
13. Charlotte S. Hart, 3542, Secretary—Stenographic.....	N	6 180
14. Luberta Shirley, 3539, Secretary—Stenographic.....	N	5 880
15. Virginia Eagleton, 8103, Medical Technologist I.....	N	4 980
<i>Total, Psychiatry</i>		<u>\$74 928</u>

Cooperative Investigations

TRUST—STATE DEPARTMENT OF PUBLIC WELFARE—NEURON STUDY

Account Number 55-60-01

1. Annie Walker, 6021, Laboratory Assistant I.....	N	\$ 3 720
2. Norman A. Bartley, 7364, Clinical Photographer.....	N	7 440
3. Jackson E. Lucas, 7796, Histology Technologist.....	N	5 496
4. Dorothy Shapiro, 8526, Medical Technologist I.....	N	4 860
5. Teresa Szczerba, 8757, Medical Technologist I.....	N	4 740
<i>Total, Trust—State Department of Public Welfare—Neuron Study</i>		<u>\$26 256</u>

TRUST—STATE DEPARTMENT OF PUBLIC WELFARE—

PSYCHOSOMATIC DIFFERENTIATION IN INFANTS

Account Number 55-60-05

1. Constance Shause, 5582, Laboratory Assistant III.....	N	\$ 4 404
2. Johnnie L. Williams, 7164, Clerk-Typist II.....	N	4 200
<i>Total, Trust—State Department of Public Welfare—Psychosomatic Differentiation in Infants.....</i>		<u>\$ 8 604</u>

TRUST—STATE DEPARTMENT OF PUBLIC WELFARE—NEURAL METABOLISM

Account Number 55-60-10

1. Ira Jean Redmond, 6294, Clerk-Stenographer II.....	N	\$ 4 200
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TRUST—U.S. PUBLIC HEALTH SERVICE B413C7

Account Number 55-60-17

1. James A. Edwards, 5825, Laboratory Assistant I.....	N75	\$ 2 592
2. Jack T. Beuttas, 6563, Histology Technologist.....	N	5 496
<i>Total, Trust—U.S. Public Health Service B413C7.....</i>		<u>\$ 8 088</u>

TRUST—U.S. PUBLIC HEALTH SERVICE B1650C3

Account Number 55-60-23

1. Yoko Kimura, 6415, Clerk-Typist III.....	N	\$ 4 404
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TRUST—U.S. PUBLIC HEALTH SERVICE M637C7

Account Number 55-60-57

1. L. Elaine Dodd, 6880, Clerk-Stenographer III.....	N	\$ 4 896
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TRUST—U.S. PUBLIC HEALTH SERVICE 2M6009C5

Account Number 55-60-90

1. Faye H. Weinstein, 6577, Clerk-Stenographer III.....	N40	\$ 2 100
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Radiology

Account Number 05-12-84

1. Lura Hayes, 8073, Clerk-Typist II.....	ZN50	\$ 2 010
(Total Salary)		(3 960)
2. Fingal Sponberg, 3561, Instrument Maker.....	N	7 600
3. Margaret W. Ritter, 3559, Secretary — Stenographic.....	N	6 780
<i>Total, Radiology</i>		<u>\$16 390</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE C3426C3

Account Number 55-62-08

1. Andrew M. Pickett, 7576, Animal Caretaker I.....	N50	\$ 1 902
2. Lura Hayes, 8073, Clerk-Typist II.....	ZN50	1 950
<i>Total, Trust — U.S. Public Health Service C3426C3....</i>		<u>\$ 3 852</u>

Surgery

Account Number 05-12-90

1. Marija Petravicius, 7691, Laboratory Assistant III.....	ZN48	\$ 2 148
(Total Salary)		(4 620)
2. Sallie S. Graham, 3569, Clerk-Stenographer III.....	N	5 220
3. Doris J. Peterson, 6287, Clerk-Stenographer III.....	N	4 740
4. ———, 7365, Clerk-Stenographer III.....	N	4 740
5. Everett T. Hoppe, 3565, Pathotechnologist.....	N	6 672
6. Eugene A. Jobgen, 8001, Pathotechnologist.....	N50	2 958
7. Josephine Magista, 3567, Secretary — Stenographic.....	N	7 200
8. Ruth G. McGrath, 3570, Biochemistry Technologist.....	N	6 672
<i>Total, Surgery</i>		<u>\$40 350</u>

Cooperative Investigations

TRUST — LOEB — CARDIOVASCULAR

Account Number 50-57-24

1. Regina Kazlauskas, 7420, Biochemistry Technologist.....	N	\$ 5 628
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TRUST — AMERICAN CANCER SOCIETY

Account Number 50-57-50

1. Mamie O'Neal Wymbs, 7358, Laboratory Assistant I....	N	\$ 3 288
2. Marjorie M. Goodwin, 8387, Technologist I.....	N	4 860
<i>Total, Trust — American Cancer Society.....</i>		<u>\$ 8 148</u>

TRUST — U.S. PUBLIC HEALTH SERVICE CT630C12

Account Number 55-65-17

1. Sandra M. Sven, 8136, Clerk I.....	N	\$ 3 420
2. Marilyn K. Miller, 3574, Clerk-Stenographer II.....	N	4 200
<i>Total, Trust — U.S. Public Health Service CT630C12..</i>		<u>\$ 7 620</u>

TRUST — U.S. PUBLIC HEALTH SERVICE 3157C4

Account Number 55-65-49

1. Rosalind Barbrow, 7011, Laboratory Assistant II (Trainee) N		\$ 3 624
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TRUST — U.S. PUBLIC HEALTH SERVICE CY3482C3

Account Number 55-65-53

1. Marija Petravicius, 7691, Laboratory Assistant III.....	ZN48	\$ 2 472
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TRUST — U.S. PUBLIC HEALTH SERVICE CS9594C2

Account Number 55-65-62

1. Maureen N. Levin, 8630, Laboratory Assistant II.....	N	\$ 3 804
2. Bridget P. Quirk, Laboratory Assistant II.....	N	3 996
3. Carolyn R. Tobin, 8328, Laboratory Assistant II.....	N	3 996
<i>Total, Trust — U.S. Public Health Service CS9594C2...</i>		<u>\$11 796</u>

COLLEGE OF DENTISTRY**Administration**

Account Number 05-15-01

1. Arlene J. Schmale, 3580, Clerk-Stenographer III.....	N	\$ 5 070
2. Dorit Ansari, 3622, Secretary — Stenographic.....	N	5 730

3. Margaret M. Lahey, 3579, Administrative Secretary— Stenographic	N	8 280
4. Daniel Lyons, 5852, Storekeeper.....	N	5 572
<i>Total, Administration</i>		<u>\$24 652</u>

Postgraduate Education

Account Number 05-15-07

1. Barbara A. Fuller, 3584, Clerk-Stenographer III.....	N	\$ 4 710
2. Dorothy Greenhill, 3582, Secretary—Stenographic.....	N	6 240
<i>Total, Postgraduate Education.....</i>		<u>\$10 950</u>

Patient Admissions

Account Number 05-15-10

1. Valerie Plano, 7580, Clerk II.....	N	\$ 3 750
2. Arlette Stepelton, 3586, Clerk III.....	N	4 710
3. Carolyn Peterson, 3585, Chief Clerk.....	N	6 330
<i>Total, Patient Admissions.....</i>		<u>\$14 790</u>

Applied Materia Medica and Therapeutics

Account Number 05-15-15

1. Anita Johnson, 6018, Dental Assistant.....	N	\$ 3 900
2. Erica Y. Friederici, 3592, Laboratory Assistant III.....	N40	2 093
3. ———, 3592, Laboratory Assistant III.....	N60	3 139
4. Gwendolyn Currin, 3593, Clerk III.....	N	5 100
5. Frances C. Abraham, 3590, Secretary—Stenographic.....	N	5 550
<i>Total, Applied Materia Medica and Therapeutics.....</i>		<u>\$19 782</u>

Cooperative Investigations

TRUST—U.S. PUBLIC HEALTH SERVICE D984

Account Number 55-75-65

1. Dolores R. Bogacz, 8564, Clerk-Stenographer II.....	N	\$ 4 680
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Dental Clinics

Account Number 05-15-25

1. Dorothy M. Pillot, 7614, Dental Assistant.....	N	\$ 4 710
2. Ora Dee Grayson, 3606, Laboratory Assistant I.....	N	3 720
3. Lily N. Henry, 6882, Laboratory Assistant I.....	N	3 288
4. Heloise L. Julian, 3604, Laboratory Assistant I.....	N	3 372
5. Annie M. Tillman, 3605, Laboratory Assistant I.....	N	3 720
6. Lucendia Williams, 3603, Laboratory Assistant I.....	N	3 372
7. Frances L. Cathcart, 3602, Cashier II.....	N	4 890
8. Betty Becola, 3587, Clerk III.....	N	4 590
9. ———, Junior Laboratory Mechanic.....	N	5 000
10. Gustav Swanson, 3600, Senior Laboratory Mechanic.....	N	7 380
11. Frances M. McGinn, 3601, Storekeeper.....	N	5 100
<i>Total, Dental Clinics.....</i>		<u>\$49 142</u>

Fixed Partial Prosthodontics

Account Number 05-15-20

1. Ramona Peterson, 3599, Typing Clerk II.....	N	\$ 3 990
2. ———, 3598, Clerk-Stenographer III.....	N	4 740
<i>Total, Fixed Partial Prosthodontics.....</i>		<u>\$ 8 730</u>

Histology

Account Number 05-15-60

1. Marion Thornton, 3615, Laboratory Assistant III.....	N	\$ 4 860
2. Albert R. Venture, 3614, Natural Science Technical As- sistant.....	N	5 830
3. Lillian Cunningham, 3613, Clerk-Stenographer III.....	N	5 190
4. Grace H. Thwing, 3611, Clerk-Stenographer III.....	N	5 250
5. William M. Winn, 7149, Clinical Photographer.....	N	7 360
6. K. V. Katele, 3612, Histology Technologist.....	N	6 672
<i>Total, Histology</i>		<u>\$35 162</u>

Cooperative Investigations**TRUST — U.S. PUBLIC HEALTH SERVICE A3220C**

Account Number 55-80-51

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|---|---|----------|
| 1. Alina Skrupskelis, 8066, Laboratory Assistant III..... | N | \$ 4 620 |
|---|---|----------|

Operative Dentistry

Account Number 05-15-75

- | | | |
|--|---|-----------------|
| 1. Marie S. Holoubek, 3624, Clerk III..... | N | \$ 4 830 |
| 2. Dorothy A. Gallo, 3623, Secretary — Stenographic..... | N | 4 980 |
| <i>Total, Operative Dentistry.....</i> | | <u>\$ 9 810</u> |

Oral and Maxillofacial Surgery

Account Number 05-15-80

- | | | |
|--|---|-----------------|
| 1. Mae C. Faul, 6561, Dental Assistant..... | N | \$ 4 800 |
| 2. Roseanne Kirm, 3626, Dental Assistant..... | N | 4 650 |
| 3. Alice C. Machen, 3627, Dental Clinic Assistant..... | N | 4 620 |
| 4. Marie V. Venture, 7526, Dental Assistant..... | N | 4 680 |
| 5. Margaret E. Sparks, 3625, Clerk-Stenographer III..... | N | 4 500 |
| <i>Total, Oral and Maxillofacial Surgery.....</i> | | <u>\$23 250</u> |

Oral Pathology

Account Number 05-15-86

- | | | |
|---|------|-----------------|
| 1. Faith I. Desrochers, 8743, Clerk-Typist III..... | ZN60 | \$ 2 780 |
| (Total Salary) | | (4 590) |
| 2. Ludmilla Demidow, 6599, Biochemistry Technologist..... | N | 5 772 |
| <i>Total, Oral Pathology.....</i> | | <u>\$ 8 552</u> |

Cooperative Investigations**TRUST — U.S. PUBLIC HEALTH SERVICE D658**

Account Number 55-80-13

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|---|------|----------|
| 1. Faith I. Desrochers, 8743, Clerk-Typist III..... | ZN40 | \$ 1 810 |
|---|------|----------|

TRUST — U.S. PUBLIC HEALTH SERVICE 513C4

Account Number 55-80-39

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|---|---|-----------------|
| 1. Margaret Jen, 7749, Laboratory Assistant I..... | N | \$ 3 288 |
| 2. Francisca Morris, 3634, Laboratory Assistant II..... | N | 4 092 |
| <i>Total, Trust — U.S. Public Health Service 513C4.....</i> | | <u>\$ 7 380</u> |

TRUST — U.S. PUBLIC HEALTH SERVICE D785C2

Account Number 55-80-42

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|--|---|----------|
| 1. Vincent Blazaitis, 8607, Laboratory Assistant II..... | N | \$ 3 720 |
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TRUST — U.S. PUBLIC HEALTH SERVICE D968

Account Number 55-80-46

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|--|---|----------|
| 1. Paul Burlakow, 8164, Pathotechnologist..... | N | \$ 5 916 |
|--|---|----------|

Orthodontics

Account Number 05-15-82

- | | | |
|--|---|-----------------|
| 1. Shelli C. Hamer, 7595, Clerk-Typist II..... | N | \$ 4 260 |
| 2. Harold Markham, 3630, Photographer II..... | N | 5 310 |
| 3. Bess H. Faust, 3628, Secretary — Stenographic..... |  | ..... |
| (On leave without pay) | | |
| 4. Eugenia S. Nocek, 3628, Secretary — Stenographic..... | N | 5 820 |
| <i>Total, Orthodontics</i> | | <u>\$15 390</u> |

Cooperative Investigations**TRUST — U.S. PUBLIC HEALTH SERVICE DT12C3**

Account Number 55-73-08

- | | | |
|--|---|----------|
| 1. Patricia McCarthy, 7106, Biochemistry Technologist
(Trainee) | N | \$ 5 364 |
|--|---|----------|

Pedodontics

Account Number 05-15-88

- | | | |
|--|---|----------|
| 1. Verna S. Stieb, 3637, Dental Assistant..... | N | \$ 4 830 |
|--|---|----------|

2. Carol L. Vavrina, 3638, Dental Assistant.....	N	4 140
3. Pauline James, 7103, Clerk-Typist II.....	N	4 140
4. May G. Greenaway, 3635, Clinic Nurse.....	N	6 300
<i>Total, Pedodontics</i>		\$19 410

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D1038C

Account Number 55-81-03

1. Carla M. Sonshine, 8204, Dental Assistant.....	N	\$ 3 900
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Prosthodontics

Account Number 05-15-55

1. Audrey L. Mills, 3609, Laboratory Assistant II.....	N	\$ 3 900
2. Clara L. Deaton, 8555, Clerk-Stenographer II.....	N	4 200
3. Josella J. Palopoli, 3610, Clerk-Typist II.....	N	3 900
4. Adrienne McNair, 8068, Pathotechnologist.....	N	6 516
5. Adelaide R. Talbot, 3607, Secretary — Stenographic.....	N	6 900
<i>Total, Prosthodontics</i>		\$25 416

Radiology

Account Number 05-15-90

1. Lois Williams, 3642, Clerk-Typist III.....	N	\$ 5 070
2. Leslie Blank, 3643, Dental X-ray Technician I.....	N	4 110
3. Annette M. Matula, 3641, Dental X-ray Technician I.....	N	4 050
4. Alberta Christiano, 3640, Dental X-ray Technician II.....	N	6 000
5. J. D. Hauptfuhrer, 6386, Chief Dental X-ray Technician	ZN93	7 677
(Total Salary)		(8 280)
<i>Total, Radiology</i>		\$26 907

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D360C4

Account Number 55-83-13

1. J. D. Hauptfuhrer, 6386, Chief Dental X-ray Technician.	ZN7	\$ 603
2. Julian Alvarez, 7237, Biochemistry Technologist.....	N	6 360
<i>Total, Trust — U.S. Public Health Service D360C4.....</i>		\$ 6 963

TRUST — U.S. PUBLIC HEALTH SERVICE D973C2

Account Number 55-83-32

1. Ruth A. Goldsmith, 7964, Clerk-Typist II.....	N	\$ 3 900
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COLLEGE OF PHARMACY**Administration**

Account Number 05-18-05

1. Emma E. Trojanek, 3646, Chief Clerk.....	N	\$ 5 490
2. G. Jean Oder, 3651, Clerk-Typist III.....	N	4 620
3. John N. Johnson, 7930, Messenger.....	N	3 780
4. Sally E. Jurinek, 3645, Secretary — Stenographic.....	N	5 640
5. Violet Klettka, 3647, Secretary — Stenographic.....	N	6 600
<i>Total, Administration</i>		\$26 130

Chemistry

Account Number 05-18-10

1. Sondra D. Lawson, 6004, Clerk-Stenographer III.....	N	\$ 5 064
2. Jean S. Filip, 3650, Secretary — Stenographic.....	N	5 970
3. Andrew Burger, 3654, Storekeeper.....	N	5 232
4. Carl A. Voelker, 6019, Storekeeper.....	N	4 980
5. Clifton Williams, 3657, Storekeeper.....	N	4 740
<i>Total, Chemistry</i>		\$25 986

Pharmacognosy and Pharmacology

Account Number 05-18-15

1. Jose G. Bueno, 3653, Laboratory Assistant III.....	N	\$ 5 100
2. Patricia Milcarek, 3649, Clerk-Stenographer II.....	N	4 200

3. Bobbie J. Little, 6003, Clerk-Stenographer III.....	N	4 50
4. Henry F. Luethje, 3652, Farm Foreman.....	NS	6 60
5. Lee A. Sawyer, 3655, Storekeeper.....	N	5 232
<i>Total, Pharmacognosy and Pharmacology.....</i>		<u>\$25 632</u>
Pharmacy		
Account Number 05-18-20		
1. Janis Zaube, 6016, Laboratory Assistant III.....	N	\$ 4 620
2. Yolanda Pachorek, 3648, Clerk III.....	N	4 710
3. Charlotte E. Buck, 6005, Clerk-Stenographer III.....	N	4 850
4. Theodore Mayer, 6017, Storekeeper.....	N	4 740
<i>Total, Pharmacy</i>		<u>\$18 920</u>
Stores — Hospital Pharmacy		
Account Number 15-05-25		
1. Henry Casey, 8118, Laboratory Assistant I.....	NS	\$ 3 624
2. J. Stefanovich, 6722, Laboratory Assistant I.....	NS	3 900
3. Gordon A. Werner, 8712, Laboratory Assistant I.....	N	3 720
4. James W. Jackson, 7850, Stores Clerk.....	NS	4 158
5. Monica Konjevich, 3659, Clerk-Typist II.....	N	4 410
6. Mitchell J. Patela, 8386, Storekeeper.....	N	4 404
7. Samuel L. Gibbons, 5858, Manufacturing Pharmacy Technician.....	NS	5 040
<i>Total, Stores — Hospital Pharmacy.....</i>		<u>\$29 256</u>
Stores — Illinois Eye and Ear Infirmary Pharmacy		
Account Number 15-05-28		
1. John L. Battersby, 3662, Stores Clerk.....	NS	\$ 4 800
<i>Total, Illinois Eye and Ear Infirmary Pharmacy.....</i>		<u>\$ 4 800</u>
Pharmacy Stores Overhead		
Account Number 15-05-71		
1. Lucille T. Gewerth, 8271, Accounting Clerk II.....	N	\$ 4 290
2. Nick J. Derango, 8256, Stores Clerk.....	N	4 020
3. Frank E. Gorski, 3660, Stores Supervisor.....	N	6 552
<i>Total, Pharmacy Stores Overhead.....</i>		<u>\$14 862</u>
GRADUATE COLLEGE		
Administration		
Account Number 05-19-05		
1. Margaret M. Mayer, 3369, Secretary — Stenographic.....	N	\$ 6 000
<i>Total, Administration</i>		<u>\$ 6 000</u>
Trust — Indirect Costs — Graduate College		
Account Number 56-90-05		
1. Dorothy M. Daniels, 7102, Clerk-Typist III.....	ZN50	\$ 2 310
(Total Salary)		(4 650)
<i>Total, Trust — Indirect Costs — Graduate College.....</i>		<u>\$ 2 310</u>
COLLEGE OF NURSING		
Account Number 05-21-05		
1. Dorothy E. Goodman, 7542, Clerk-Stenographer II.....	N	\$ 4 730
2. Luvenia Hooks, 3668, Clerk-Typist II.....	N	3 900
3. Suzanne Vogel, 3666, Clerk-Typist II.....	N	3 960
4. Patsy J. Maki, 3672, Secretary — Stenographic.....	N	6 400
<i>Total, College of Nursing.....</i>		<u>\$18 990</u>
DIVISION OF SERVICES FOR CRIPPLED CHILDREN		
State		
Account Number 05-23-05		
1. Roland E. Zook, 0098, Research Analyst.....	N	\$ 9 800
2. Annabel Osby, 0030, Personnel Assistant II.....	N	6 420

3. Dorothy Dukett, 0029, Chief Clerk.....	N	5 670
4. Pauline M. Klarich, 5556, Chief Clerk.....	N	5 400
5. Sophie B. Mueller, 0031, Chief Clerk.....	N	4 590
6. Sylvia Bloomquist, 0038, Clerk-Stenographer III.....	N	4 920
(On leave without pay)		
7. Hilda H. Sullivan, 5372, Clerk-Stenographer III.....	N	4 710
8. Juanita Brockman, 0061, Clerk-Typist III.....	N	4 770
9. Henrietta Marlowe, 0132, Clerk-Typist III.....	N	4 530
10. Mayme Riva, 0067, Clerk-Typist III.....	N	4 800
11. Marie S. Connor, 0025, Medical Social Consultant.....	N	7 080
12. Catherine F. Lott, 0102, Medical Social Consultant.....	N	8 010
13. Elizabeth K. Moffit, 8040, Medical Social Consultant.....	N	7 530
14. Marion V. Smith, 0101, Medical Social Consultant.....	N	8 460
15. Dorothy L. Treiber, 6786, Medical Social Consultant.....	N	7 590
16. Grace F. Borah, 0014, Nursing Consultant.....	N	6 960
17. Frances L. Crites, 0011, Nursing Consultant.....	N	7 470
18. Gladys C. Gibbons, 0015, Nursing Consultant.....	N	7 410
19. Irene A. Gregg, 0012, Nursing Consultant.....	N	6 540
20. Madeline E. Groesch, 0016, Nursing Consultant.....	N	7 470
21. Mary E. Higgins, 0021, Nursing Consultant.....	N	7 740
22. Evelyn M. Kuehne, 0022, Nursing Consultant.....	N	7 410
23. Josephine Remley, 0017, Nursing Consultant.....	N	7 740
24. Geneva M. Theis, 0018, Nursing Consultant.....	N	7 140
25. Vera M. Vathauer, 0020, Nursing Consultant.....	N	7 740
26. Marie L. Czwalsinski, 0005, Orthopaedic Nursing Consultant.....	N	8 040
27. Margaret Duffy, 0019, Orthopaedic Nursing Consultant.....	N	8 070
28. Minna M. Hildebrand, 5296, Orthopaedic Nursing Consultant.....	N	7 920
29. Jean A. Sciora, 0006, Orthopaedic Nursing Consultant.....	N	8 070
30. Myrtle E. Swanson, 0009, Orthopaedic Nursing Consultant.....	N	7 950
31. Irene R. Donohue, 0108, Speech and Hearing Consultant.....	N	8 100
32. Evelyn M. Green, 0107, Speech and Hearing Consultant.....	N	8 130
33. Kathleen F. Gunn, 6491, Speech and Hearing Consultant.....	N	7 920
34. Burdette Thurman, 0110, Speech and Hearing Consultant.....	N	7 830
35. Catherine Woods, 0109, Speech and Hearing Consultant.....	N	7 950
36. James J. Thompson, 0094, Janitor.....	N	4 260
37. Freda M. Hicks, 0099, Office Manager.....	N	9 300
38. Robert G. Summers, 0097, Personnel Officer II.....	N	8 100
39. Helen Culbertson, 0027, Secretary—Stenographic.....	N	6 900
40. Zoe Hall, 0100, Supervisor of Medical Social Service.....	N	10 380
41. Hedwig B. Trauba, 0001, Supervisor of Nursing Service.....	N	10 440
42. Mary D. Ford, 0105, Assistant Supervisor of Nursing Service.....	N	9 210
43. Marjorie E. Gibson, 0002, Assistant Supervisor of Nursing Service.....	N	10 020
44. Robert K. Simpson, 0106, Supervisor of Speech and Hearing Service.....	N	8 370
Total, State		\$324 860

Business Office

Account Number 05-23-10

1. Lean C. Ryan, 0114, Accountant II.....	N	\$ 7 560
2. William R. Hinds, 8334, Accounting Clerk II.....	N	5 340
3. Addalein C. Hawk, 7153, Chief Clerk.....	N	5 760
4. Magdalen Krmelj, 0035, Clerk-Stenographer III.....	N	4 800
5. Betty J. Sharp, 0073, Clerk-Typist II.....	N	3 180
Total, Business Office.....		\$26 640

Federal

Account Number 53-23-05

1. Melvin Allen, Cleft Palate Technical Assistant (Trainee).....	N	\$ 4 200
2. Edith E. Kimmons, 0034, Clerk II.....	N	3 600
3. Shirley Matthews, 0124, Clerk II.....	N	3 450

4. Donna J. Thomas, 5041, Clerk II.....	N	3 390
5. ———, 0091, Clerk II.....	N	3 600
6. Georgene P. Young, 0066, Clerk II.....	N	3 600
7. Catherine H. Casey, 0063, Clerk III.....	N	4 410
8. Mary I. Cott, 0081, Clerk III.....	N	4 680
9. Ann M. Shean, 0083, Chief Clerk.....	N	4 890
10. Lowell E. Gresham, 0125, Stores Clerk.....	N	3 540
11. Marian Bailey, 0087, Typing Clerk II.....	N	3 600
12. Frances K. Hiestand, 0068, Clerk-Stenographer II.....	N	3 300
13. Iva N. Burris, 0056, Clerk-Stenographer III.....	N	3 600
14. M. Louise Emerson, 5295, Clerk-Stenographer III.....	N	4 020
15. Dorothy J. Forrest, 0078, Clerk-Stenographer III.....	N	4 200
16. Helen G. Hancock, 0050, Clerk-Stenographer III.....	N	4 200
17. Buelah L. Holden, 0051, Clerk-Stenographer III.....	N	3 600
18. Lamona H. Jeff, 0033, Clerk-Stenographer III.....	N	4 500
19. Mary E. Knox, 0057, Clerk-Stenographer III.....	N	3 600
20. Dolores M. Koenig, 5571, Clerk-Stenographer III.....	N	5 220
21. Clarice N. Mauney, 0039, Clerk-Stenographer III.....	N	4 740
22. Doris Murrell, 0115, Clerk-Stenographer III.....	N	4 800
23. Mayre R. Palmer, 0042, Clerk-Stenographer III.....	N	4 620
24. Bonita Pavelonis, 0055, Clerk-Stenographer III.....	N	4 290
25. Jeanette E. Radant, 0044, Clerk-Stenographer III.....	N	3 900
26. Georgia E. Rose, 5244, Clerk-Stenographer III.....	N	4 110
27. Pauline R. Spencer, 0119, Clerk-Stenographer III.....	N	3 960
28. Sharon I. Swanson, 0123, Clerk-Stenographer III.....	N	4 020
29. ———, 6245, Clerk-Stenographer III.....	N	4 500
30. Mildred B. Zverow, 0116, Clerk-Stenographer III.....	N40	2 310
31. Barbara J. Schultz, 0071, Clerk-Typist I.....	N	3 600
32. Suzanne M. Bolgar, 0074, Clerk-Typist II.....	N	3 900
33. Izzetta R. Burnett, 0046, Clerk-Typist II.....	N	3 000
34. Carol A. Dickemper, 6053, Clerk-Typist II.....	N	3 090
35. Dorothy L. Girdler, 0084, Clerk-Typist II.....	N	3 420
36. Dorothy Hart, 5289, Clerk-Typist II.....	N	3 120
37. Rosemary Howe, 0086, Clerk-Typist II.....	N	3 180
38. Wanda J. Jamerson, 5248, Clerk-Typist II.....	N	3 180
39. Lynne E. Sheridan, 0090, Clerk-Typist II.....	N	4 020
40. Barbara Sokolowski, 8608, Clerk-Typist II.....	N	3 000
41. Gloria A. Stuemke, 5192, Clerk-Typist II.....	N	3 210
42. ———, 0121, Clerk-Typist II.....	N	3 900
43. ———, 0062, Clerk-Typist II.....	N	3 900
44. Mary E. Anderson, 7019, Clerk-Typist III.....	N	4 800
45. Helen L. Bottoms, 0041, Clerk-Typist III.....	N	4 620
46. Mary Ann Bruss, 0048, Clerk-Typist III.....	N	4 380
47. Ella B. Johnson, 0047, Clerk-Typist III.....	N	4 860
48. Dorothy McCullough, 0060, Clerk-Typist III.....	N	4 800
49. Marie J. Moore, 0117, Clerk-Typist III.....	N	4 290
50. Harriett V. Sackman, 0052, Clerk-Typist III.....	N	4 200
51. Renate Spiegel, 0120, Clerk-Typist III.....	N50	2 100
52. Marlene N. Stein, 0059, Clerk-Typist III.....	N	3 810
53. Patricia A. Willhoit, 0036, Clerk-Typist III.....	N	4 260
54. Elizabeth J. Bailless, 0103, Medical Social Consultant.....	N	6 660
55. ———, 0024, Medical Social Consultant.....	N	6 700
56. Eugenia Waechter, 0008, Nursing Consultant.....	N	7 710
57. ———, 0003, Orthopaedic Nursing Consultant.....	N	6 000
58. John G. Cikas, 0127, Building Custodian.....	N	4 920
59. Eunice G. Levander, 4892, Clinic Nurse.....	N80	5 040
60. ———, 0088, Duplicating Machine Operator III.....	N	4 200
61. William E. Drake, 6038, Tabulating Machine Operator II.....	N	4 170
62. Miho T. Hoyer, 0134, Secretary — Stenographic.....	N	5 940
63. Stella Friedman, 0026, Office Supervisor.....	N	6 810
<i>Total, Federal</i>		<u>\$265 240</u>

Business Office

Account Number 53-23-10

1. Donna S. Douglas, 0072, Clerk-Typist II.....	N	\$ 3 060
2. Nancy J. Haines, 0076, Clerk-Typist II.....	N	3 000
3. Irene B. Stauffer, 0080, Clerk-Typist III.....	N	4 200
4. Linda Sue Ames, 8201, Card Punch Operator II.....	N	3 900
<i>Total, Business Office.....</i>		<u>\$14 160</u>

PHYSICAL EDUCATION**Physical Education for Men**

Account Number 05-24-05

1. Thomas E. Ziroti, 3678, Men's Locker Room Attendant...	N	\$ 5 100
2. _____, Clerk-Typist II.....	N	2 800
<i>Total, Physical Education for Men.....</i>		<u>\$ 7 900</u>

AEROMEDICAL LABORATORY

Account Number 05-25-05

1. John Hansen, 3681, Laboratory Operating Engineer.....	P	\$ 7 622
2. Minnie Schneider, 3682, Secretary — Stenographic.....	N	6 600
3. William Kadetz, 3680, Supervisor of Mechanical, Electrical, and Electronic Equipment.....	N	9 850
4. Irena Kairys, 7280, Electron Microscope Technician.....	N	5 880
5. Birute A. Pleskys, 8286, Electron Microscope Technician..	N	4 800
6. Bradley Anderson, Instrument and Measurement Technician I	N	4 500
<i>Total, Aeromedical Laboratory.....</i>		<u>\$39 252</u>

INSTITUTION FOR TUBERCULOSIS RESEARCH

Account Number 03-26-10

1. Zylphia W. Bruder, 3695, Laboratory Assistant I.....	N56	\$ 2 083
2. Brone Repeika, 7405, Laboratory Assistant I.....	N	3 372
3. Vita Baleisis, 3692, Laboratory Assistant II.....	N	3 804
4. Nijole R. Raisys, 7018, Laboratory Assistant II.....	N	4 092
5. James Teahan, 3694, Animal Caretaker I.....	ZN50	1 902
(Total Salary)		(3 804)
6. Margaret G. Thorne, 3689, Clerk III.....	N40	1 950
7. Patricia Callahan, 5906, Clerk-Stenographer II.....	N47	1 974
8. James E. P. Libby, 3690, Statistician II.....	N	5 730
9. _____, 7729, Chief Medical Technologist.....	N	8 580
<i>Total, Institution for Tuberculosis Research.....</i>		<u>\$33 487</u>

Cooperative Investigations

TRUST — U.S. TASK ORDER 11

Account Number 55-90-20

1. James Teahan, 3694, Animal Caretaker I.....	ZN50	\$ 1 902
2. Wilma A. Spurrier, 8646, Microbiology Technologist.....	N	6 360
<i>Total, Trust — U.S. Task Order 11.....</i>		<u>\$ 8 262</u>

RESEARCH AND EDUCATIONAL HOSPITALS**Administration**

Account Number 05-27-05

1. Carl T. Heinze, 3696, Assistant Administrator of Research and Educational Hospitals.....	N	\$10 800
2. _____, Assistant Administrator of Research and Educational Hospitals (Trainee).....	N	5 400
3. Camille J. Pardo, 8117, Cashier I.....	N	3 600
4. Mary V. Munizzo, 3705, Cashier II.....	N	4 740
5. _____, 7743, Clerk III.....	N	4 140
6. Anna J. George, 6389, Typing Clerk II.....	N	4 320
7. Claudette Michalec, 7375, Clerk-Stenographer III.....	N	5 100

8. _____, 8206, Clerk-Typist I.....	N	3 600
9. S. A. Dearnbarger, 7886, Clerk-Typist II.....	N	4 080
10. Ann S. Rapp, 6138, Clerk-Typist II.....	N	4 260
11. _____, Clerk-Typist II.....	N	3 900
12. _____, Clerk-Typist II.....	N	3 900
13. Esther Karl, 3704, Clerk-Typist III.....	N	5 220
14. Jean L. Rath, 3701, Clerk-Typist III.....	N	4 530
15. Cora E. Vanasek, Clerk-Typist III.....	N	4 800
16. _____, 7152, Typing Clerk I.....	N	3 900
17. Luella Hunter, 3703, Bookkeeping Machine Operator I....	N	4 020
18. Mary E. Keating, 3698, Secretary — Stenographic.....	N	6 750
19. Mary Ellen Maloney, 3350, Administrative Secretary — Stenographic	N	7 840
20. Daniel P. Conforti, 7824, Inventory Supervisor.....	N	5 460
21. Doris E. Dahl, 7268, Supervisor of Credit Collections.....	N	7 400
<i>Total, Administration</i>		<u>\$107 760</u>

Admissions

Account Number 05-27-10

1. Josie Mitchell, 3948, Clerk II.....	N	\$ 4 020
2. Stella A. M. Fewer, 3732, Typing Clerk II.....	N	3 720
3. Avusa Farmer, 3731, Clerk-Typist II.....	N	3 900
4. Florence Hamilton, 3733, Clerk-Typist II.....	N	4 110
5. Mary C. Berardi, 3724, Admitting Officer.....	N	3 960
(Perquisites University — one meal)		
6. Dolores M. Daily, 5759, Admitting Officer.....	N	4 290
7. Ida Damore, 3729, Admitting Officer.....	N	4 080
8. Ruth Enger, 3728, Admitting Officer.....	N	5 070
9. Marjorie Hennings, 6115, Admitting Officer.....	N	4 230
10. Jennie Karol, 8458, Admitting Officer.....	N	3 990
11. Florence Marken, 3726, Admitting Officer.....	N	4 050
12. Catherine Redmond, 3725, Admitting Officer.....	N	4 170
13. Mary Saturnino, 3727, Admitting Officer.....	N	4 530
14. _____, 8004, Admitting Officer.....	N	3 900
15. Marie J. Zullo, 6100, Admitting Officer.....	N	4 080
16. Ann P. Knipper, 3723, Chief Admitting Officer.....	N	6 300
<i>Total, Admissions</i>		<u>\$68 400</u>

Anesthesiology

Account Number 05-27-12

1. Willa B. Chase, 8324, Laboratory Assistant I.....	N	\$ 3 300
2. Theodore R. London, 5590, Anesthesia-Inhalation Therapy Technician	N	4 980
3. Evander W. Maclin, 7053, Anesthesia-Inhalation Therapy Technician	N	5 340
<i>Total, Anesthesiology</i>		<u>\$13 620</u>

Central Supply

Account Number 05-27-15

1. John Bettinardi, 3739, Laboratory Assistant III.....	N	\$ 5 232
2. Nettie Croom, 5043, Supply Attendant.....	N	3 900
3. Helen Dickerson, 6917, Supply Attendant.....	N	3 456
4. Essie Mae Goss, 5760, Supply Attendant.....	N	3 804
5. Vera Green, 3743, Supply Attendant.....	N	3 624
6. Esther Jenkins, 5995, Supply Attendant.....	N	3 900
7. Beulah M. Jones, 5515, Supply Attendant.....	N	3 804
8. Odessa Maclin, 5824, Supply Attendant.....	N	3 372
9. Grace M. Marcatante, 6234, Supply Attendant.....	N	3 900
10. Loia Marsh, 5810, Supply Attendant.....	N	3 900
11. Emma L. McClinton, 3742, Supply Attendant.....	N	3 900
12. Leota B. Minor, 6084, Supply Attendant.....	N	3 804
13. Estella Montgomery, 5885, Supply Attendant.....	N	3 900

14. Eva L. Pass, 6858, Supply Attendant.....	N	3 456
15. Julia Sechter, 3744, Supply Attendant.....	N	3 900
16. Annie Thomas, 6710, Supply Attendant.....	N	3 540
17. Thomas A. Murray, 6193, Typing Clerk I.....	N	3 480
18. Helen Waichulis, 4503, Surgical Dressing Maker.....		.....
(On leave without pay)		
19. Mary Mitch, 3736, Head Nurse.....	N	6 096
(Perquisites University — one meal)		
20. Wanda M. Heinz, 3741, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		
21. Iris Hill, 3735, Supervising Nurse.....	N	7 416
(Perquisites University — one meal)		
Total, Central Supply.....		\$83 400

Clinics

Account Number 05-27-20

1. Jeraldine Ferrone, 3783, Clerk I.....	N	\$ 3 540
2. Linda L. Bickart, 3778, Clerk II.....	N	3 840
3. Pearlina Crosby, 3780, Clerk II.....	N	3 780
4. Willie M. Marshall, 3781, Clerk II.....	N	3 720
5. Elizabeth Menendez, 3779, Clerk II.....	N	3 720
6. Mildred Nicholas, 3786, Clerk II.....	N	4 320
7. Irma T. Payne, 5560, Clerk II.....	N	3 780
8. Annie M. Rhodes, 3784, Clerk II.....	N	4 140
9. Marie B. Bacon, 3782, Typing Clerk II.....	N	3 840
10. Valerie J. Bezanis, 3777, Typing Clerk II.....	N	3 780
11. Beverly J. Booker, 6139, Typing Clerk II.....	N	3 720
12. Ann E. Eaton, 6370, Typing Clerk II.....	N	3 780
13. Dolores A. Herskind, 6103, Typing Clerk II.....	N	3 780
14. Margaret R. Hurley, 8457, Typing Clerk II.....	N	3 780
15. Esther H. Johnson, 3785, Typing Clerk II.....	N	4 140
16. Catherine McTigue, 5702, Typing Clerk II.....	N	3 960
17. Marcia J. Kedroski, 6896, Clerk-Stenographer II.....	N	4 200
18. Karen R. Ronn, 3434, Clerk-Stenographer II.....	N	4 200
19. Florence T. Wicher, 3573, Clerk-Stenographer III.....	N	5 640
20. Barbara Josephson, 6878, Clerk-Typist II.....	N	4 020
21. Joanne Noe, 6369, Clerk-Typist II.....	N	3 960
22. Rosemary Wolf, 3776, Clerk-Typist III.....	N	4 530
23. Ida M. Smith, 3746, Assistant Director of Nursing.....	N	7 566
(Perquisites University — one meal)		
24. Gretchen A. Osgood, 5421, Associate Director of Nursing.....	N	8 286
(Perquisites University — one meal)		
25. Victoria Barry, 3763, Clinic Nurse.....	N	5 970
26. Lois L. Bonham, 3768, Clinic Nurse.....	N	5 076
(Perquisites University — one meal)		
(On leave without pay)		
27. Frances Lehmann, 3759, Clinic Nurse.....	N	6 036
(Perquisites University — one meal)		
28. Clarice E. Marriott, 3765, Clinic Nurse.....	N	6 096
(Perquisites University — one meal)		
29. Jean McCallum, 3770, Clinic Nurse.....	N	5 646
(Perquisites University — one meal)		
30. Smitja Pokrajac, 3767, Clinic Nurse.....	N	6 096
(Perquisites University — one meal)		
31. Edith Ramsey, 3757, Clinic Nurse.....	N	6 096
(Perquisites University — one meal)		
32. Eva Ramsey, 3760, Clinic Nurse.....	N	6 096
(Perquisites University — one meal)		
33. ———, 3752, Head Nurse.....	N	5 376
(Perquisites University — one meal)		
34. Gladys E. Block, 3751, Staff Nurse.....	N	5 316
(Perquisites University — one meal)		

35. Annette Caracello, 3761, Staff Nurse.....	N	5 076
(Perquisites University—one meal)		
36. Rosemary Corrigan, 3762, Staff Nurse.....	N	4 896
(Perquisites University—one meal)		
37. Marian C. Frick, 3764, Staff Nurse.....	N	5 226
(Perquisites University—one meal)		
38. Betty J. Gray, 3792, Staff Nurse.....	N	5 046
(Perquisites University—one meal)		
39. Georgia M. Hairston, 3771, Staff Nurse.....	N	5 286
(Perquisites University—one meal)		
40. Joan T. Harper, 3758, Staff Nurse.....	N	5 046
(Perquisites University—one meal)		
41. Jean A. Kasper, 3755, Staff Nurse.....	N	4 896
(Perquisites University—one meal)		
42. Joan A. Kimmey, 3773, Staff Nurse.....	N	5 076
(Perquisites University—one meal)		
43. Mary C. Mallon, 3748, Staff Nurse.....	N	5 406
(Perquisites University—one meal)		
44. Carrie H. Manley, 6871, Staff Nurse.....	N	5 346
(Perquisites University—one meal)		
45. Antoinette Mazanec, 4191, Staff Nurse.....	N	5 316
(Perquisites University—one meal)		
46. ———, 7647, Staff Nurse.....	N	4 596
(Perquisites University—one meal)		
47. ———, 3772, Staff Nurse.....	N	4 716
(Perquisites University—one meal)		
48. ———, 3769, Staff Nurse.....	N	4 746
(Perquisites University—one meal)		
49. ———, 6087, Staff Nurse.....	N	5 016
(Perquisites University—one meal)		
50. Joyce A. Zarcone, 3756, Staff Nurse.....	N	5 046
(Perquisites University—one meal)		
51. Vera Dexheimer, 3749, Supervising Nurse.....	N	6 486
(Perquisites University—one meal)		
52. Mary Locicero, 3754, Supervising Nurse.....	N	6 756
(Perquisites University—one meal)		
53. Kathryn L. McGann, 3766, Supervising Nurse.....	N	6 960
54. Bernice J. Bernhart, 3775, Secretary—Stenographic.....	N	7 020
55. Phyllis Nan Cane, 7871, Medical Typist.....	N	4 380
Total, Clinics		\$274 164

Dietetics

Account Number 05-27-25

1. Charlie Perkins, 7439, Clerk II.....	N	\$ 3 900
2. Eva A. Hamilton, 3813, Typing Clerk I.....	N	3 780
3. Isabelle McKinnon, 3805, Clerk-Stenographer III.....	N	4 800
4. ———, 3806, Clerk-Typist II.....	N	3 900
5. Rosemary Gleason, 3808, Dietitian.....	N	6 030
(Perquisites University—one meal)		
6. Ann T. Gorman, 3797, Dietitian.....	N	6 360
(Perquisites University—one meal)		
7. Beata A. Link, 3798, Dietitian.....	N	5 670
(Perquisites University—one meal)		
8. Carol A. McCollom, 3796, Dietitian.....	N	4 800
(Perquisites University—one meal; Employee—meal and room)		(624)
9. Helen J. Thomas, 3809, Dietitian.....	N	4 680
(Perquisites University—one meal; Employee—meal and room)		(624)
10. Mary Lou Van Dyke, 5997, Dietitian.....	N	5 940
(Perquisites University—one meal)		
11. ———, 3802, Dietitian.....	N	6 000
(Perquisites University—one meal)		

12. ———, 6544, Dietitian.....	N	5 160
(Perquisites University — one meal)		
13. ———, 3795, Dietitian.....	N	6 000
(Perquisites University — one meal)		
14. ———, 3800, Dietitian.....	N	5 520
(Perquisites University — one meal)		
15. Bernita A. Youngs, 6239, Dietitian.....	N	5 850
(Perquisites University — one meal)		
16. Alpha Q. Stine, 3793, Director of Dietary Service.....	N	9 600
(Perquisites University — one meal)		
17. Mary C. Beckers, 7029, Assistant Director of Dietary Service.....	N	7 500
(Perquisites University — one meal)		
18. ———, 6322, Assistant Food Production Manager..	N	5 100
(Perquisites University — one meal)		
19. Robert Wiley, 5780, Storekeeper.....	N	4 980
20. L. A. Crisologo, 5886, Food Service Supervisor.....	N	5 100
(Perquisites University — one meal)		
21. Sally Dunkelberger, 5761, Food Service Supervisor.....	N	4 080
(Perquisites University — one meal)		
Total, Dietetics		\$114 750

Emergency Service

Account Number 05-27-27

1. Arthur Dimschultz, 3707, Clerk III.....		
(On leave without pay)		
2. Henry Mueller, 3707, Clerk III.....	N	\$ 4 680
3. Avis Abbey, 6477, Typing Clerk II.....	N	3 900
4. Clara O. Loesch, 6478, Head Nurse.....	N	6 456
(Perquisites University — one meal)		
5. June M. Matasic, 3893, Assistant Head Nurse.....	N	5 466
(Perquisites University — one meal)		
6. Ella B. Delancy, 8046, Licensed Practical Nurse.....	N	3 546
(Perquisites University — one meal)		
7. Helene Janson, 6228, Licensed Practical Nurse.....	N	3 078
(Perquisites University — one meal; Employee — two meals and room).....		(828)
8. Ethel H. Roberts, 6305, Licensed Practical Nurse.....	N	4 050
9. Esther M. Eiskamp, 3894, Staff Nurse.....	N	5 046
(Perquisites University — one meal)		
10. Jean C. Ricardi, 3892, Staff Nurse.....	N	5 046
(Perquisites University — one meal)		
11. Beverly A. Schultz, 7252, Staff Nurse.....	N	4 656
(Perquisites University — one meal)		
12. Noreta J. White, 3895, Staff Nurse.....	N	5 130
13. Helen Lane, 3890, Supervising Nurse.....	N	7 296
(Perquisites University — one meal)		
Total, Emergency Service.....		\$58 350

Laboratory

Account Number 05-27-30

1. Hershel G. Baker, 3896, Hospital Laboratory Technical Assistant.....	N	\$ 8 160
2. Rose Lee Bell, 7821, Laboratory Assistant I.....	N	3 288
3. Mozella T. Edwards, 7825, Laboratory Assistant I.....	N	3 540
4. Esther Kern, 6865, Laboratory Assistant I.....	N	3 372
5. Rosabelle Perry, 5075, Laboratory Assistant I.....	N	3 720
6. Essie Lee Walton, 6237, Laboratory Assistant I.....	N	3 720
7. Shirley A. Erwin, 7673, Laboratory Assistant II.....	N	3 900
8. Lucille Hoff, 3919, Laboratory Assistant II.....	N	4 512
9. Vivian A. Turner, 3930, Laboratory Assistant II.....	N	4 092
10. Maida M. Osaki, 5884, Chief Clerk.....	N	5 970
11. Ludmilla Asamat, 6641, Typing Clerk II.....	N	4 440

12. Naomi A. Harks, 6986, Clerk-Stenographer II.....	N	4 410
13. Joe Ann Anglin, 6617, Clerk-Typist II.....	N	3 900
14. James T. Zembron, 8014, Clerk-Typist III.....	N	4 230
15. Anne C. Numoff, 3922, Secretary — Stenographic.....	N	5 790
16. Fumi Ichiba, 5338, Biochemistry Technologist.....	N	5 772
17. V. T. Jurkunas, 3908, Biochemistry Technologist.....	N	5 916
18. Ethelle Katz, 6057, Biochemistry Technologist.....	N	5 916
19. Jeanne F. Miller, 3898, Biochemistry Technologist.....	N	6 672
20. Catherine Nobe, 3900, Biochemistry Technologist.....	N	6 672
21. Lilla M. Perry, 3911, Biochemistry Technologist.....	N	5 916
22. Agnes Shieh, 3901, Biochemistry Technologist.....	N	5 628
23. ———, 3910, Biochemistry Technologist.....	N	5 496
24. Louise V. Atkinson, 3932, Hematology Technologist.....	N	5 496
25. Bonita G. Hanson, 6866, Hematology Technologist.....	N	6 360
26. Dorothy Maastricht, Hematology Technologist.....	N	5 496
27. Pola M. Rokicki, 3907, Hematology Technologist.....	N	5 496
28. Laverne J. Vetting, 3904, Hematology Technologist.....	N	6 360
29. Harold L. Williams, 7117, Hematology Technologist.....	N	5 772
30. Henry A. Woodson, Jr., 3928, Hematology Technologist.....	N	6 360
31. ———, Hematology Technologist.....	N	5 496
32. Wilma L. Benson, 6773, Medical Technologist I.....	N	4 860
33. Leila R. Edwards, 3933, Medical Technologist I.....	N	4 740
34. Wilhelmina Garner, 6262, Medical Technologist I.....	N	4 980
35. Mary A. Hefflin, 3906, Medical Technologist I.....	N	4 980
36. Elvira A. Jeffries, 3916, Medical Technologist I.....	N	4 860
37. Gloria J. Jones, 3913, Medical Technologist I.....	N	5 100
38. Louise Kopoleff, 3914, Medical Technologist I.....	N	5 100
39. Hazel Livingston, 5161, Medical Technologist I.....	N	5 100
40. Carmen Rocha, 3923, Medical Technologist I.....	N	5 232
41. Isabell C. Rossa, 7658, Medical Technologist I.....	N	4 740
42. Esther E. Shannon, 3912, Medical Technologist I.....	N	4 740
43. Monika M. Voss, 6394, Medical Technologist I.....	N	5 100
44. Augusta M. Wilson, 7818, Medical Technologist I.....	N	5 364
45. Virginia C. Wilson, 3909, Medical Technologist I.....	N	5 232
46. Vincent E. Baginski, 3927, Chief Medical Technologist.....	N	8 460
47. Thelma M. Garvin, 3915, Chief Medical Technologist.....	N	8 460
48. Mary P. Turner, 3899, Chief Medical Technologist.....	N	8 460
49. Aldona Avizienis, 3903, Microbiology Technologist.....	N	5 496
50. Elizabeth J. Bond, 3902, Microbiology Technologist.....	N	6 672
51. Mary V. Donahue, 3897, Microbiology Technologist.....	N	6 672
52. Shirley L. Fannin, 3917, Microbiology Technologist.....	N	5 496
53. Karla Quackenbush, Microbiology Technologist.....	N	5 496
54. Robert A. Wiatr, 6056, Microbiology Technologist.....	N	5 772
<i>Total, Laboratory</i>		<u>\$292 980</u>

Medical Records

Account Number 05-27-40

1. Louise Banks, 3965, Clerk I.....	N	\$ 3 300
2. Vertrezal S. Hood, 8345, Clerk I.....	N	3 300
3. Rosa Lancaster, 3953, Clerk I.....	N	3 300
4. Doris O. McBride, 3955, Clerk I.....	N	3 300
5. Mable Y. Boose, 3959, Clerk II.....	N	3 600
6. Amy E. Greer, 3962, Clerk II.....	N	3 750
7. Shirley M. Lowery, 5636, Clerk II.....	N	4 110
8. Helen Cooper, 3947, Clerk III.....	N	4 920
9. Marian Florio, 3950, Clerk III.....	N	3 960
10. Grace Muzzall, 5905, Clerk III.....	N	4 200
11. Gloria D. Norman, 6331, Clerk III.....	N	5 220
12. Eulacie G. Rowan, 3964, Clerk III.....	N	4 470
13. Connie A. Meyer, 6127, Typing Clerk II.....	N	4 020
14. Hans Monaster, 3961, Typing Clerk III.....	N	4 620
15. Marilyn J. Strasser, 5883, Clerk-Stenographer III.....	N	4 920
16. Kathleen Ahern, 7085, Clerk-Typist II.....	N	3 900

17. Linda L. Conrady, 3949, Clerk-Typist II.....	N	3 900
18. Rita J. Neidhart, 3960, Clerk-Typist II.....	N	3 900
19. Patricia A. Richter, 6296, Clerk-Typist II.....	N	3 900
20. Rita M. Finnegan, 3951, Medical Record Librarian.....	N	6 480
21. Jolene A. Nyberg, 6043, Medical Record Librarian.....	N	5 580
22. —————, 6965, Medical Record Librarian.....	N	5 100
23. —————, 7848, Medical Record Librarian.....	N	5 100
24. Dorothy V. Dunne, 3941, Chief Medical Record Librarian	N	8 600
25. Glen O'Neil, 6151, Messenger.....	N	3 660
26. Lawrence Richmond, 6150, Messenger.....	N	4 140
27. Mildred M. Evans, 6463, Secretary — Transcribing.....	N	5 550
28. Lillie E. McElroy, 6724, Medical Typist.....	N	4 500
29. Roselyn D. McHugh, 7858, Medical Typist.....	N	3 960
30. Celeste M. Powers, 6562, Medical Typist.....	N	4 200
31. Mary C. Welter, 6725, Medical Typist.....	N	3 960
32. Cora C. Williams, 7504, Medical Typist.....	N	4 380
<i>Total, Medical Records.....</i>		<u>\$141 800</u>

Medicine

Account Number 05-27-42

1. Barbara E. Gemmill, 8754, Laboratory Assistant II.....	N	\$ 3 720
2. Wanda Machnack, 6883, Pathotechnologist.....	N	5 628
3. Patricia A. Grasz, 8224, Electrocardiographic Technician I	N	3 600
4. —————, 5742, Electrocardiographic Technician I.....	N	3 900
5. Sallyann Graham, 5814, Electrocardiographic Technician		
II.....	N	4 440
<i>Total, Medicine</i>		<u>\$21 288</u>

Nursing**Illinois Eye and Ear Infirmary**

Account Number 05-27-44

1. Juanita Echols, 5186, Typing Clerk II.....	N	\$ 3 960
2. Barbara P. Mason, 6637, Typing Clerk II.....	N	3 780
3. Sally M. Stewart, 7419, Typing Clerk II.....	N	3 720
4. Mattie L. Williams, 8110, Typing Clerk II.....	N	3 720
5. Harriet B. Vrasic, 4269, Clerk-Stenographer III.....	N	5 700
6. Emma D. Condl, 4235, Assistant Director of Nursing....	N	7 866
(Perquisites University — one meal)		
7. Caroline Stewart, 4234, Associate Director of Nursing...	N	9 196
(Perquisites University — one meal)		
8. Sharon L. Antonucci, 4256, Head Nurse.....	N	5 496
(Perquisites University — one meal)		
9. Bessie Becka, 4237, Head Nurse.....	N	5 586
(Perquisites University — one meal)		
10. Dolores A. Ciasio, 4267, Head Nurse.....	N	5 496
(Perquisites University — one meal)		
11. Lois Fittin, 4238, Head Nurse.....	N	5 616
(Perquisites University — one meal)		
12. Helen S. Guarino, 4236, Head Nurse.....	N	5 910
13. Nancy Izzo, 6905, Head Nurse.....	N	6 480
14. Isabella Karalius, 4270, Head Nurse.....	N	5 586
(Perquisites University — one meal)		
15. Madge Lovik, 4268, Head Nurse.....	N	5 706
(Perquisites University — one meal)		
16. —————, 4265, Head Nurse.....	N	5 196
(Perquisites University — one meal)		
17. Freda H. Brown, 4250, Assistant Head Nurse.....	N	5 436
(Perquisites University — one meal)		
18. Emma E. Follmer, 4240, Assistant Head Nurse.....	N	5 406
(Perquisites University — one meal)		
19. Elvera H. Hanson, 4239, Assistant Head Nurse.....	N	5 226
(Perquisites University — one meal)		
20. Sophie Kratochvil, 4248, Assistant Head Nurse.....	N	6 036
(Perquisites University — one meal)		

21. ———, 4271, Assistant Head Nurse.....	N	4 896
(Perquisites University — one meal)		
22. Sallie Curtis, 6718, Licensed Practical Nurse.....	N	3 786
(Perquisites University — one meal)		
23. Thelma A. Jackson, 6713, Licensed Practical Nurse.....	N	3 846
(Perquisites University — one meal)		
24. Gloria C. Nails, 6740, Licensed Practical Nurse.....	N	3 846
(Perquisites University — one meal)		
25. Louise Ricks, 6739, Licensed Practical Nurse.....	N	3 846
(Perquisites University — one meal)		
26. Leatha M. Robinson, 6714, Licensed Practical Nurse.....	N	3 990
27. Barbara A. Batka, 4260, Staff Nurse.....	N	4 896
(Perquisites University — one meal)		
28. Sandra K. Bencsik, 4261, Staff Nurse.....	N	4 926
(Perquisites University — one meal)		
29. Helen Blaut, 4254, Staff Nurse.....	N	5 436
(Perquisites University — one meal)		
30. Theresa J. Burke, 4244, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		
31. Lillian Daddezio, 4245, Staff Nurse.....	N	5 046
(Perquisites University — one meal)		
32. Elda D. Del Missier, 4259, Staff Nurse.....	N	4 926
(Perquisites University — one meal)		
33. Ruth Gunion, 4243, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		
34. Marian D. Hopley, 4241, Staff Nurse.....	N	5 046
(Perquisites University — one meal)		
35. Ada M. Johnson, 4251, Staff Nurse.....	N	4 896
(Perquisites University — one meal)		
36. Blossom C. Lemieux, 4252, Staff Nurse.....	N	5 490
37. Jennie C. McClellan, 4272, Staff Nurse.....	N	5 046
(Perquisites University — one meal)		
38. Rae Ann Peters, 4257, Staff Nurse.....	N	5 046
(Perquisites University — one meal)		
39. Catherine C. Salo, 4258, Staff Nurse.....	N	5 046
(Perquisites University — one meal)		
40. ———, 4253, Staff Nurse.....	N	4 716
(Perquisites University — one meal)		
41. Doris M. Hundebly, 4255, Supervising Nurse.....	N	6 456
(Perquisites University — one meal)		
42. Elizabeth H. Nash, 4263, Supervising Nurse.....	N	6 606
(Perquisites University — one meal)		
(On leave without pay)		
43. Bessie G. Reyher, 4247, Supervising Nurse.....	N	6 156
(Perquisites University — one meal)		
Total, Nursing — Illinois Eye and Ear Infirmary.....		\$225 094

General

Account Number 05-27-45

1. Grace Calmer, 3973, Assistant to Director of Nursing...	N	\$ 7 116
(Perquisites University — one meal)		
2. Ellen E. Finnigan, 3970, Assistant to Director of Nursing	N	7 890
3. Juanita Hamilton, 3971, Assistant to Director of Nursing.	N	6 648
(Perquisites University — one meal; Employee — two meals and room).....		(828)
4. Frances B. Kubilski, 3974, Assistant to Director of Nursing	N	7 116
(Perquisites University — one meal)		
5. Clara J. Longbons, 5915, Assistant to Director of Nursing	N	7 056
(Perquisites University — one meal)		
6. ———, 3972, Assistant to Director of Nursing.....	N	6 656
(Perquisites University — one meal)		

7. ———, 4101, Assistant to Director of Nursing.... N	5 628
(Perquisites University — one meal; Employee — two meals and room).....	(828)
8. Wanda M. Zumpano, 4121, Assistant to Director of Nursing	N 7 056
(Perquisites University — one meal)	
9. Jack Kobage, 4924, Clerk II.....	N 3 780
10. Shelby F. Jones, 4097, Clerk III.....	N 4 920
11. Edna C. Kelleher, 3712, Clerk III.....	N 4 080
12. Dorothy C. Neary, 3709, Clerk III.....	N 4 080
13. Herbert A. Repp, 4966, Clerk III.....	N 4 080
14. Olga Swistek, 4967, Clerk III.....	N 4 440
15. Anna Ware, 4096, Clerk III.....	N 4 500
16. Veronica Kavanagh, 3706, Chief Clerk.....	N 5 610
17. Robert Walker, 8257, Stores Clerk.....	N 4 440
18. Addie Dunlap, 7965, Typing Clerk I.....	N 3 480
19. Sharon B. Furlong, 6347, Typing Clerk I.....	N 3 300
20. Delores Miller, 6821, Typing Clerk I.....	N 3 360
21. Sandra J. Sutton, 6881, Typing Clerk I.....	N 3 300
22. Lurlean Tiller, 6295, Typing Clerk I.....	N 3 360
23. ———, 5803, Typing Clerk I.....	N 3 600
24. Arlene Ferguson, 4095, Typing Clerk II.....	N 3 720
25. Edna L. Hall, 4098, Typing Clerk II.....	N 3 840
26. Catherine M. Kovac, 6260, Typing Clerk II.....	N 4 440
27. Ruth J. Moore, 4094, Typing Clerk II.....	N 3 660
28. Wilhelmina Morton, 4231, Typing Clerk II.....	N 3 720
29. Sara M. Perkins, 6752, Typing Clerk II.....	N 3 660
30. Della F. Stone, 5792, Typing Clerk II.....	N 3 720
31. Collette C. Ward, 4230, Typing Clerk II.....	N 3 720
32. Lucille Williams, 4233, Typing Clerk II.....	N 3 660
33. Lagreta C. Fields, 3976, Clerk-Stenographer III.....	N 4 740
34. Bertha Young, 7059, Clerk-Typist I.....	N 3 600
35. Ruthie M. Allen, 4099, Clerk-Typist II.....	N 3 900
36. Maria E. Kaluski, 4229, Clerk-Typist II.....	N 4 260
37. Elizabeth Morgan, 7502, Coordinator of Hospital Volunteer Services	N 5 112
(Perquisites University — one meal; Employee — meal and room).....	(624)
38. Helen Bruck, 4120, Assistant Director of Nursing.....	N 7 656
(Perquisites University — one meal)	
39. Elizabeth Furnas, 3969, Assistant Director of Nursing... N	7 806
(Perquisites University — one meal)	
40. Antoinette Radek, 3968, Assistant Director of Nursing.. N	7 950
41. Ruth M. Carroll, 3967, Associate Director of Nursing.... N	9 406
(Perquisites University — one meal)	
42. Lee S. Ross, 7356, Messenger.....	N 4 080
43. Suzanne C. Burke, 6768, Head Nurse.....	N 5 856
(Perquisites University — one meal)	
44. Monica Cavanaugh, 3988, Head Nurse.....	N 6 336
(Perquisites University — one meal)	
45. Patricia Cipriani, 5974, Head Nurse.....	N 5 706
(Perquisites University — one meal)	
46. Violet Conforti, 3986, Head Nurse.....	N 6 276
(Perquisites University — one meal)	
47. Mary K. Cupp, 3995, Head Nurse.....	N 5 616
(Perquisites University — one meal)	
48. Sophia Dobrychlop, 3993, Head Nurse.....	N 6 096
(Perquisites University — one meal)	
49. Anita A. Favretto, 4123, Head Nurse.....	N 5 916
(Perquisites University — one meal)	
50. Evelyn M. Feru, 4000, Head Nurse.....	N 5 208
(Perquisites University — meal; Employee — two meals and room)	(828)

51. Joan T. Flynn, 6593, Head Nurse.....	N	6 096
(Perquisites University — one meal)		
52. Edna Glover, 4127, Head Nurse.....	N	5 970
53. Bernice Houston, 3994, Head Nurse.....	N	5 796
(Perquisites University — one meal)		
54. Hilary C. Johnson, 3985, Head Nurse.....	N	6 336
(Perquisites University — one meal)		
55. Catherine Kolitsch, 3991, Head Nurse.....	N	6 456
(Perquisites University — one meal)		
56. Kathryn E. Parker, 4100, Head Nurse.....	N	5 028
(Perquisites University — one meal; Employee — two meals and room).....		(828)
57. Nellie J. Person, 3996, Head Nurse.....	N	6 036
(Perquisites University — one meal)		
58. Barbara M. Rhymes, 4125, Head Nurse.....	N	5 826
(Perquisites University — one meal)		
59. Gloria B. Ribnek, 4124, Head Nurse.....	N	5 616
(Perquisites University — one meal)		
60. Carolyn A. Schmitz, 3987, Head Nurse.....	N	5 796
(Perquisites University — one meal)		
61. Marcella Sharkey, 6532, Head Nurse.....	N	5 646
(Perquisites University — one meal)		
62. Margaret K. Thomas, 3990, Head Nurse.....	N	5 628
(Perquisites University — one meal; Employee — two meals and room).....		(828)
63. Gertrude Young, 3992, Head Nurse.....	N	5 616
(Perquisites University — one meal)		
(On leave without pay)		
64. Patricia Blackburn, 4129, Assistant Head Nurse.....	N	5 436
(Perquisites University — one meal)		
65. Rosemarie Doherty, 4037, Assistant Head Nurse.....	N	5 316
(Perquisites University — one meal)		
66. Sarah P. Drayer, 4128, Assistant Head Nurse.....	N	5 226
(Perquisites University — one meal)		
67. Mary Lena Fite, 4131, Assistant Head Nurse.....	N	5 406
(Perquisites University — one meal)		
68. Rosalie Galanis, 4020, Assistant Head Nurse.....	N	5 856
(Perquisites University — one meal)		
69. Christene W. Hill, 3989, Assistant Head Nurse.....	N	5 526
(Perquisites University — one meal)		
70. Jean A. McMahon, 3999, Assistant Head Nurse.....	N	5 196
(Perquisites University — one meal)		
71. Marie Mueller, 4130, Assistant Head Nurse.....	N	4 728
(Perquisites University — one meal; Employee — two meals and room).....		(828)
72. Eleanor Purdy, 4093, Assistant Head Nurse.....	N	5 316
(Perquisites University — one meal)		
73. Margaret L. Reid, 6631, Assistant Head Nurse.....	N	5 196
(Perquisites University — one meal)		
74. Elaine Rutherford, 3998, Assistant Head Nurse.....	N	5 406
(Perquisites University — one meal)		
75. Dorothy L. Skupien, 4001, Assistant Head Nurse.....	N	5 406
(Perquisites University — one meal)		
76. Sarah Lee Tillman, 4003, Assistant Head Nurse.....	N	5 496
(Perquisites University — one meal)		
77. Bonita C. Wagner, 4023, Assistant Head Nurse.....	N	5 226
(Perquisites University — one meal)		
78. Mallie L. Williams, 4002, Assistant Head Nurse.....	N	5 340
(Perquisites University — one meal)		
79. ———, 4051, Assistant Head Nurse.....	N	4 068
(Perquisites University — one meal; Employee — two meals and room).....		(828)
80. ———, 4113, Assistant Head Nurse.....	N	4 926
(Perquisites University — one meal)		

81. Barbara A. Zeiler, 4132, Assistant Head Nurse..... N	5 226
(Perquisites University — one meal)	
82. Donella B. Austin, 7594, Licensed Practical Nurse..... N	3 786
(Perquisites University — one meal)	
83. B. D. Bankhead, 6442, Licensed Practical Nurse..... N	3 846
(Perquisites University — one meal)	
84. Winifred D. Bean, 6379, Licensed Practical Nurse..... N	3 810
85. Annamae Beard, 6154, Licensed Practical Nurse..... N	3 846
(Perquisites University — one meal)	
86. Romie Jean Betts, 8251, Licensed Practical Nurse..... N	3 624
87. Eva M. Blakey, 6367, Licensed Practical Nurse..... N	3 846
(Perquisites University — one meal)	
88. Stella Blanks, 5948, Licensed Practical Nurse..... N	3 606
(Perquisites University — one meal)	
89. Adele I. Brown, 4204, Licensed Practical Nurse..... N	3 906
(Perquisites University — one meal)	
90. Willie P. Chandler, 7811, Licensed Practical Nurse..... N	3 420
(Perquisites University — one meal)	
91. Susie B. Collins, 7836, Licensed Practical Nurse..... N	3 810
92. Mae E. Cook, 6366, Licensed Practical Nurse..... N	3 846
(Perquisites University — one meal)	
93. Savannah J. Daniels, 4198, Licensed Practical Nurse..... N	3 420
(Perquisites University — one meal)	
94. Mary L. Davenport, 5950, Licensed Practical Nurse..... N	3 786
(Perquisites University — one meal)	
95. Anna L. Deck, 6342, Licensed Practical Nurse..... N	3 786
(Perquisites University — one meal)	
96. Lillie F. Dotson, 7810, Licensed Practical Nurse..... N	3 606
(Perquisites University — one meal)	
97. Rose M. Dunbar, 5949, Licensed Practical Nurse..... N	3 810
98. Laura J. Ellis, 6120, Licensed Practical Nurse..... N	3 606
(Perquisites University — one meal)	
99. Climetine Freeman, 6215, Licensed Practical Nurse..... N	4 050
100. Eva M. Fulghum, 6717, Licensed Practical Nurse..... N	3 786
(Perquisites University — one meal)	
101. Rosa Y. Gaines, 6353, Licensed Practical Nurse..... N	4 110
102. Estelle Gary, 6271, Licensed Practical Nurse..... N	3 846
(Perquisites University — one meal)	
103. Jenola Graham, 6340, Licensed Practical Nurse..... N	3 420
(Perquisites University — one meal)	
104. Velma Gross, 6337, Licensed Practical Nurse..... N	3 420
(Perquisites University — one meal)	
105. Rose Hall, 5889, Licensed Practical Nurse..... N	3 786
(Perquisites University — one meal)	
106. Gracie L. Harper, 6338, Licensed Practical Nurse..... N	3 480
(Perquisites University — one meal)	
107. Harriet Harrington, 6355, Licensed Practical Nurse..... N	3 684
108. Sabina Hawkins, 6327, Licensed Practical Nurse..... N	3 786
(Perquisites University — one meal)	
109. Dorothy D. Hill, 6226, Licensed Practical Nurse..... N	4 050
110. Velma R. Hughes, 6396, Licensed Practical Nurse..... N	4 050
111. Shirley A. Johnson, 6211, Licensed Practical Nurse..... N	3 846
(Perquisites University — one meal)	
112. Fannie Mae Jones, 6382, Licensed Practical Nurse..... N	3 846
(Perquisites University — one meal)	
113. Marlene R. Jones, 4102, Licensed Practical Nurse..... N	3 480
(Perquisites University — one meal)	
114. Maxine J. Jones, 6253, Licensed Practical Nurse..... N	3 906
(Perquisites University — one meal)	
115. Annie M. Joyner, 6272, Licensed Practical Nurse..... N	3 846
(Perquisites University — one meal)	
116. Betty J. Keith, 4063, Licensed Practical Nurse..... N	3 480
(Perquisites University — one meal)	

117. Dorothy Kellogg, 6356, Licensed Practical Nurse.....	N	3 966
(Perquisites University — one meal)		
118. Theresa C. Litvjak, 4179, Licensed Practical Nurse.....	N	3 966
(Perquisites University — one meal)		
119. Willie D. Lowe, 4201, Licensed Practical Nurse.....	N	3 846
(Perquisites University — one meal)		
120. Johnetta Mabry, 6270, Licensed Practical Nurse.....	N	3 546
(Perquisites University — one meal)		
121. Clara McClure, 4200, Licensed Practical Nurse.....	N	3 846
(Perquisites University — one meal)		
122. Marie E. Meely, 7232, Licensed Practical Nurse.....	N	3 786
(Perquisites University — one meal)		
123. Arcora Miggins, 6341, Licensed Practical Nurse.....	N	3 786
(Perquisites University — one meal)		
124. Irene Murphy, 4104, Licensed Practical Nurse.....	N	3 846
(Perquisites University — one meal)		
125. Effie Nevers, 6365, Licensed Practical Nurse.....	N	3 420
(Perquisites University — one meal)		
126. Vernice Paige, 7592, Licensed Practical Nurse.....	N	3 786
(Perquisites University — one meal)		
127. Dolores M. Pelt, 4103, Licensed Practical Nurse.....	N	3 846
(Perquisites University — one meal)		
128. Julia M. Phillips, 6542, Licensed Practical Nurse.....	N	4 050
129. Lucy Powell, 6461, Licensed Practical Nurse.....	N	3 906
(Perquisites University — one meal)		
130. Mary A. Rangel, 6441, Licensed Practical Nurse.....	N	3 786
(Perquisites University — one meal)		
131. Isabella H. Redd, 6155, Licensed Practical Nurse.....	N	3 786
(Perquisites University — one meal)		
132. Zandra B. Reddick, 6488, Licensed Practical Nurse.....	N	3 846
(Perquisites University — one meal)		
133. Julie F. Roberts, 6397, Licensed Practical Nurse.....	N	3 480
(Perquisites University — one meal)		
134. Curtisteen Ross, 6273, Licensed Practical Nurse.....	N	3 420
(Perquisites University — one meal)		
135. Helen F. Russell, 4119, Licensed Practical Nurse.....	N	3 786
(Perquisites University — one meal)		
136. Freda E. Shaw, 6227, Licensed Practical Nurse.....	N	4 110
137. Eleanor D. Simms, 4040, Licensed Practical Nurse.....	N	3 480
(Perquisites University — one meal)		
138. Zelma F. Sims, 6153, Licensed Practical Nurse.....	N	3 906
(Perquisites University — one meal)		
139. Annie C. Smith, 6233, Licensed Practical Nurse.....	N	4 110
140. Mae Smith, 6339, Licensed Practical Nurse.....	N	3 810
141. Margaret Smith, 6715, Licensed Practical Nurse.....	N	3 606
(Perquisites University — one meal)		
142. Vivian Smith, 5947, Licensed Practical Nurse.....	N	3 846
(Perquisites University — one meal)		
143. Jeanette Stewart, 6357, Licensed Practical Nurse.....	N	3 786
(Perquisites University — one meal)		
144. Lucille Taylor, 6381, Licensed Practical Nurse.....	N	3 420
(Perquisites University — one meal)		
145. Bernice Tripp, 4202, Licensed Practical Nurse.....	N	3 846
(Perquisites University — one meal)		
(On leave without pay)		
146. Willie J. Walker, 6354, Licensed Practical Nurse.....	N	3 906
(Perquisites University — one meal)		
147. Lillian Waller, 4203, Licensed Practical Nurse.....	N	3 786
(Perquisites University — one meal)		
148. Antoine White, 4199, Licensed Practical Nurse.....	N	3 420
(Perquisites University — one meal)		
149. Helen E. Williams, 6352, Licensed Practical Nurse.....	N	3 846
(Perquisites University — one meal)		
150. Julia Williams, 6380, Licensed Practical Nurse.....	N	3 786

151. Janette R. Wysinger, 6566, Licensed Practical Nurse.... N	3 606
(Perquisites University — one meal)	
152. —————, Licensed Practical Nurse..... N	3 420
153. —————, Licensed Practical Nurse..... N	3 420
154. —————, Licensed Practical Nurse..... N	3 420
155. Lois A. Barton, 4079, Staff Nurse..... N	4 896
(Perquisites University — one meal)	
156. J. C. Birskovich, 4024, Staff Nurse..... N	5 016
(Perquisites University — one meal)	
157. Brenda A. Boulee, 4058, Staff Nurse..... N	4 776
(Perquisites University — one meal)	
158. J. M. Bourgeois, 4117, Staff Nurse..... N	4 776
(Perquisites University — one meal)	
159. Mary J. Buckley, 4028, Staff Nurse..... N	4 980
160. Elizabeth Bundrage, 4041, Staff Nurse..... N	5 226
(Perquisites University — one meal)	
161. Mary P. Buswell, 4054, Staff Nurse..... N	4 068
(Perquisites University — one meal; Employee — two meals and room).....	(828)
162. L. A. Butterfield, 4186, Staff Nurse..... N	5 016
(Perquisites University — one meal)	
163. Shirlee M. Butz, 4092, Staff Nurse..... N	5 286
(Perquisites University — one meal)	
164. Mary C. Callahan, 4183, Staff Nurse..... N	4 656
(Perquisites University — one meal)	
165. Katherine Coleman, 4039, Staff Nurse..... N	5 046
(Perquisites University — one meal)	
166. Vernell B. Crosby, 4140, Staff Nurse..... N	5 046
(Perquisites University — one meal)	
167. Marilyn Dick, 7319, Staff Nurse..... N	4 980
168. Sara C. Douglas, 4147, Staff Nurse..... N	4 776
(Perquisites University — one meal)	
169. Michaeline A. Drust, 4007, Staff Nurse..... N	5 046
(Perquisites University — one meal)	
170. Joan B. Dubiel, 4074, Staff Nurse..... N	4 896
(Perquisites University — one meal)	
171. Crisanta Dumlao, 4035, Staff Nurse..... N	5 316
(Perquisites University — one meal)	
172. Karen M. Fedje, 4087, Staff Nurse..... N	4 656
(Perquisites University — one meal)	
173. Martha A. Fiore, 4025, Staff Nurse..... N	5 286
(Perquisites University — one meal)	
(On leave without pay)	
174. Veronique Grenier, 4026, Staff Nurse..... N	5 490
175. Beth R. Groeneweg, 4064, Staff Nurse..... N	5 016
(Perquisites University — one meal)	
176. Janet L. Gustafson, 4115, Staff Nurse..... N	4 926
(Perquisites University — one meal)	
177. Margaret E. Halpin, 4070, Staff Nurse..... N	5 376
(Perquisites University — one meal)	
178. Gloria Hawkins, 4059, Staff Nurse..... N	4 656
(Perquisites University — one meal)	
179. Harriet J. Hecht, 7322, Staff Nurse..... N	4 188
(Perquisites University — one meal; Employee — two meals and room).....	(828)
180. Karen F. Hoover, 4048, Staff Nurse..... N	5 250
181. Shirley J. James, 4014, Staff Nurse..... N	4 776
(Perquisites University — one meal)	
182. Dolores J. Jurina, 4195, Staff Nurse..... N	4 776
(Perquisites University — one meal)	
183. Barbara Jurkovich, 4031, Staff Nurse..... N	4 488
(Perquisites University — one meal; Employee — two meals and room).....	(828)

184. Elizabeth A. Kenan, 6545, Staff Nurse.....	N	4 926
(Perquisites University — one meal)		
185. Patricia J. Keyes, 4011, Staff Nurse.....	N	4 896
(Perquisites University — one meal)		
186. Bernice Kotapka, 4086, Staff Nurse.....	N	5 046
(Perquisites University — one meal)		
187. Joan C. Krol, 4062, Staff Nurse.....	N	4 776
(Perquisites University — one meal)		
188. Suzanne F. Lacroix, 4077, Staff Nurse.....	N	4 926
(Perquisites University — one meal)		
189. Eula Lockhart, 4038, Staff Nurse.....	N	5 046
(Perquisites University — one meal)		
190. Ann M. McCloskey, 4019, Staff Nurse.....	N	3 948
(Perquisites University — one meal; Employee — two meals and room).....		(828)
191. Kathleen McNerney, 4013, Staff Nurse.....	N	5 046
(Perquisites University — one meal)		
192. Carol A. Murray, 4114, Staff Nurse.....	N	4 926
(Perquisites University — one meal)		
193. Anita R. Nieves, 4141, Staff Nurse.....	N	4 398
(Perquisites University — one meal; Employee — two meals and room).....		(828)
194. Mary T. O'Brien, 4053, Staff Nurse.....	N	4 776
(Perquisites University — one meal)		
195. Lois Olmsted, 3997, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		
196. Marianne Osborn, 4082, Staff Nurse.....	N	4 896
(Perquisites University — one meal)		
197. Cecilia Otto, 4049, Staff Nurse.....	N	5 046
(Perquisites University — one meal)		
198. Ima Paulson, 4190, Staff Nurse.....	N	5 316
(Perquisites University — one meal)		
199. Dorothy J. Perry, 4185, Staff Nurse.....	N	5 046
(Perquisites University — one meal)		
200. Essie L. Rowser, 4149, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		
201. Dianne Schweigert, 4047, Staff Nurse.....	N	4 980
202. Carolyn T. Skidmore, 4139, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		
203. Carol A. Skolek, 4065, Staff Nurse.....	N	4 776
(Perquisites University — one meal)		
204. Patricia Stampfler, 4066, Staff Nurse.....	N	4 776
(Perquisites University — one meal)		
205. Doretha B. Stewart, 4187, Staff Nurse.....	N	5 430
206. Dorothy Turkiewicz, 4005, Staff Nurse.....	N	5 436
(Perquisites University — one meal)		
207. Carolyn A. Vaile, 4184, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		
208. Joann Weisenberger, 4144, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		
209. Renetta A. Wicher, 4016, Staff Nurse.....	N	4 926
(Perquisites University — one meal)		
210. Julia L. Wilkerson, 4033, Staff Nurse.....	N	5 436
(Perquisites University — one meal)		
211. Nancy Wojnarowski, 4029, Staff Nurse.....	N	4 776
(Perquisites University — one meal)		
212. Barbara A. Wylie, 4015, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		
213. ———, 4055, Staff Nurse.....	N	4 716
(Perquisites University — one meal)		
214. ———, 4091, Staff Nurse.....	N	4 746
(Perquisites University — one meal)		
215. ———, 4042, Staff Nurse.....	N	4 716
(Perquisites University — one meal)		

216.	_____, 4008, Staff Nurse.....	N	4 716
	(Perquisites University — one meal)		
217.	_____, 4027, Staff Nurse.....	N	4 806
	(Perquisites University — one meal)		
218.	_____, 4060, Staff Nurse.....	N	4 716
	(Perquisites University — one meal)		
219.	_____, 4193, Staff Nurse.....	N	4 776
	(Perquisites University — one meal)		
220.	_____, 4088, Staff Nurse.....	N	4 746
	(Perquisites University — one meal)		
221.	_____, 4192, Staff Nurse.....	N	4 950
222.	_____, 4044, Staff Nurse.....	N	4 716
	(Perquisites University — one meal)		
223.	_____, 4068, Staff Nurse.....	N	4 920
224.	_____, 4194, Staff Nurse.....	N	3 888
	(Perquisites University — one meal; Employee — two meals and room).....		(828)
225.	_____, 4072, Staff Nurse.....	N	3 888
	(Perquisites University — one meal; Employee — two meals and room).....		(828)
226.	_____, 4022, Staff Nurse.....	N	3 948
	(Perquisites University — one meal; Employee — two meals and room).....		(828)
227.	_____, 4135, Staff Nurse.....	N	4 716
	(Perquisites University — one meal)		
228.	_____, 4050, Staff Nurse.....	N	4 746
	(Perquisites University — one meal)		
229.	_____, 4146, Staff Nurse.....	N	4 950
230.	_____, 4118, Staff Nurse.....	N	4 716
	(Perquisites University — one meal)		
231.	_____, 4071, Staff Nurse.....	N	3 888
	(Perquisites University — one meal; Employee — two meals and room).....		(828)
232.	_____, 4018, Staff Nurse.....	N	4 746
	(Perquisites University — one meal)		
233.	_____, 4057, Staff Nurse.....	N	4 716
	(Perquisites University — one meal)		
234.	_____, 4034, Staff Nurse.....	N	4 746
	(Perquisites University — one meal)		
235.	_____, 4073, Staff Nurse.....	N	4 716
	(Perquisites University — one meal)		
236.	Janet A. Zegler, 4006, Staff Nurse.....	N	4 980
237.	Eva Anna Begg, 3980, Supervising Nurse.....	N	6 528
	(Perquisites University — one meal; Employee — two meals and room).....		(828)
238.	Doris L. Bell, 3978, Supervising Nurse.....	N	6 336
	(Perquisites University — one meal)		
239.	Frances M. Hoeffling, 3977, Supervising Nurse.....	N	7 296
	(Perquisites University — one meal)		
240.	Alma A. Huseman, 3982, Supervising Nurse.....	N	6 288
	(Perquisites University — one meal; Employee — two meals and room).....		(828)
241.	Angela M. Lonchar, 3981, Supervising Nurse.....	N	7 236
	(Perquisites University — one meal)		
242.	Helen I. Mack, 3979, Supervising Nurse.....	N	7 596
	(Perquisites University — one meal)		
243.	Ann Seday, 3984, Supervising Nurse.....	N	6 156
	(Perquisites University — one meal)		
244.	E. Wesseling, 4010, Supervising Nurse.....	N	6 156
	(Perquisites University — one meal)		
245.	Ann Galperin, 3975, Secretary — Stenographic.....	N	6 000
Total, Nursing — General			\$1 155 798

Neuropsychiatric Institute

Account Number 05-27-46

1. Thora P. Dickof, 5286, Clerk II.....	N	\$ 3 780
2. Elodie Lane, 4393, Clerk II.....	N	3 660
3. Henrietta Meadows, 4392, Typing Clerk II.....	N	3 780
4. Dorothy Roberts, 4391, Typing Clerk II.....	N	3 660
5. Marcia Sue K. Doda, 4394, Clerk-Typist II.....	N	3 900
6. Harriet A. White, 4366, Assistant Director of Nursing... (Perquisites University — one meal)	N	7 416
7. Frances R. Mikulec, 4364, Associate Director of Nursing... (Perquisites University — one meal)	N	8 836
8. Marguerite Dixon, 4377, Head Nurse.....	N	5 700
9. Ruth E. Flinn, 4376, Head Nurse..... (Perquisites University — one meal; Employee — two meals)	N	5 508 (408)
10. Ruby B. Malek, 4372, Head Nurse..... (Perquisites University — one meal)	N	5 856
11. J. Niespodzani, 4373, Head Nurse..... (Perquisites University — one meal)	N	6 096
12. Alice M. Yarmo, 4374, Head Nurse..... (Perquisites University — one meal)	N	5 496
13. Mary M. McGough, 4378, Assistant Head Nurse..... (Perquisites University — one meal)	N	5 226
14. ———, 4370, Assistant Head Nurse.....	N	5 100
15. Annie Abrams, 6859, Licensed Practical Nurse..... (Perquisites University — one meal)	N	3 906
16. Joshua W. Alves, 6439, Licensed Practical Nurse.....	N	3 570
17. Dorothy B. Brown, 7876, Licensed Practical Nurse..... (Perquisites University — one meal)	N	3 606
18. Sadie Clark, 4932, Licensed Practical Nurse.....	N	4 050
19. Melissa Coleman, 6437, Licensed Practical Nurse..... (Perquisites University — one meal)	N	3 906
20. Wilma P. Collins, 6440, Licensed Practical Nurse..... (Perquisites University — one meal)	N	3 846
21. Mary H. Falconer, 6712, Licensed Practical Nurse.....	N	4 050
22. Ollie Green, 6487, Licensed Practical Nurse.....	N	4 110
23. Ruth M. Johnson, 4962, Licensed Practical Nurse..... (Perquisites University — one meal)	N	3 846
24. Cleona Lenoir, 6653, Licensed Practical Nurse..... (Perquisites University — one meal)	N	3 906
25. Erma E. Malone, 8253, Licensed Practical Nurse..... (Perquisites University — one meal)	N	3 606
26. Loretta Morrison, 4941, Licensed Practical Nurse.....	N	4 110
27. Julia M. Nichols, 6438, Licensed Practical Nurse..... (Perquisites University — one meal)	N	3 906
28. Armanda I. Page, 7228, Licensed Practical Nurse..... (Perquisites University — one meal)	N	3 786
29. Lucinda Ross, 6632, Licensed Practical Nurse.....	N	3 684
30. Dorothy J. Wilson, 8252, Licensed Practical Nurse..... (Perquisites University — one meal)	N	3 600
31. Mary E. Annoni, 4371, Staff Nurse..... (Perquisites University — one meal)	N	5 016
32. Mary F. Beaulieu, 4926, Staff Nurse..... (Perquisites University — one meal)	N	4 926
33. Charlotte Blase, 4136, Staff Nurse..... (Perquisites University — one meal)	N	4 776
34. Carol A. Ford, 4137, Staff Nurse..... (Perquisites University — one meal; Employee — two meals)	N	3 948 (828)
35. Doris L. Hardy, 4138, Staff Nurse..... (Perquisites University — one meal)	N	5 046
36. Earlene B. Hatch, 4398, Staff Nurse..... (Perquisites University — one meal)	N	5 226
37. Mae Louise Jackson, 4396, Staff Nurse..... (Perquisites University — one meal)	N	5 046

38. Katherine J. Lyne, 4401, Staff Nurse.....	N	4 776
(Perquisites University — one meal)		
39. Ruth E. Pfeiffer, 4382, Staff Nurse.....	N	4 926
(Perquisites University — one meal)		
40. Pierre G. Pierre, 4399, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		
41. Anna M. Shoemate, 7470, Staff Nurse.....	N	4 896
(Perquisites University — one meal)		
42. Maxine F. Smith, 4386, Staff Nurse.....	N	3 948
(Perquisites University — one meal; Employee — two meals and room).....		(828)
43. ———, 4969, Staff Nurse.....	N	4 716
(Perquisites University — one meal)		
44. ———, 4388, Staff Nurse.....	N	3 912
(Perquisites University — one meal; Employee — one meal and room).....		(624)
45. ———, 4383, Staff Nurse.....	N	4 716
(Perquisites University — one meal)		
46. ———, 4380, Staff Nurse.....	N	4 476
(Perquisites University — one meal)		
47. ———, 4405, Staff Nurse.....	N	4 920
48. ———, 4387, Staff Nurse.....	N	4 716
(Perquisites University — one meal)		
49. ———, 4395, Staff Nurse.....	N	4 716
(Perquisites University — one meal)		
50. ———, 4385, Staff Nurse.....	N	3 768
(Perquisites University — one meal; Employee — two meals and room).....		(828)
51. ———, 4406, Staff Nurse.....	N	4 716
(Perquisites University — one meal)		
52. Velma I. Berry, 4400, Supervising Nurse.....	N	6 510
53. Kerstin I. Boberg, 4368, Supervising Nurse.....	N	6 876
(Perquisites University — one meal)		
(On leave without pay)		
54. Pearl L. Crouch, 4367, Supervising Nurse.....	N	6 846
(Perquisites University — one meal)		
55. Vivian R. Munro, 4375, Supervising Nurse.....	N	6 846
(Perquisites University — one meal)		
56. ———, 4369, Supervising Nurse.....	N	6 060
57. Ruth H. Ashworth, 4390, Secretary — Stenographic.....	N	6 840
<i>Total, Nursing — Neuropsychiatric Institute.....</i>		<u>\$273 682</u>

Nurses' Residence

Account Number 05-27-50

1. Irene L. Cooke, 4409, Matron.....	N	\$ 4 110
2. Margaret Craven, 4407, Matron.....	N	4 680
<i>Total, Nurses' Residence.....</i>		<u>\$ 8 790</u>

Operating and Recovery Rooms

Account Number 05-27-55

1. Margie Dorrington, 4438, Typing Clerk I.....	N	\$ 3 540
2. Loretta Fangrat, 4416, Head Nurse.....	N	6 396
(Perquisites University — one meal)		
3. LaVerne H. Kaleta, 4440, Head Nurse.....	N	5 856
(Perquisites University — one meal)		
4. Marion Murdoch, 5758, Head Nurse.....	N	5 646
(Perquisites University — one meal)		
5. Donna L. Murphy, 4415, Head Nurse.....	N	5 496
(Perquisites University — one meal)		
6. Lois V. Scaife, 4418, Head Nurse.....	N	5 496
(Perquisites University — one meal)		
7. ———, 5991, Assistant Head Nurse.....	N	4 926
(Perquisites University — one meal)		

8. Pearlina E. Bailey, 7351, Licensed Practical Nurse.....	N	3 810
9. Delores J. Brooks, 5623, Licensed Practical Nurse.....	N	3 420
(Perquisites University — one meal)		
10. Louise Brooks, 6268, Licensed Practical Nurse.....	N	3 606
(Perquisites University — one meal)		
11. Lois B. Hamilton, 4934, Licensed Practical Nurse.....	N	3 846
(Perquisites University — one meal)		
12. Helen Lawrence, 6728, Licensed Practical Nurse.....	N	3 846
(Perquisites University — one meal)		
13. Vernice V. Mitchell, 7911, Licensed Practical Nurse.....	N	3 810
14. M. L. Berrettini, 4437, Staff Nurse.....	N	5 226
(Perquisites University — one meal)		
15. Ann M. Brannon, 4419, Staff Nurse.....	N	5 436
(Perquisites University — one meal)		
16. Kathleen M. Burke, 4417, Staff Nurse.....	N	3 948
(Perquisites University — one meal; Employee — two meals and room).....		(828)
17. Dolores A. Carroll, 8202, Staff Nurse.....	N	5 046
(Perquisites University — one meal)		
18. Mary E. Cleary, 4430, Staff Nurse.....	N	4 656
(Perquisites University — one meal)		
19. Janice M. Cravens, 4142, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		
20. Dolores Kozlowski, 4425, Staff Nurse.....	N	5 226
(Perquisites University — one meal)		
21. Dolores M. Kresge, 4429, Staff Nurse.....	N	5 226
(Perquisites University — one meal)		
22. Kay D. Kunz, 5021, Staff Nurse.....	N	4 776
(Perquisites University — one meal)		
23. Patricia G. Murray, 4433, Staff Nurse.....	N	4 926
(Perquisites University — one meal)		
24. Barbara C. Olson, 4420, Staff Nurse.....	N	4 980
25. Monica Simler, 4431, Staff Nurse.....	N	5 046
(Perquisites University — one meal)		
26. Marilyn J. Szczurek, 4422, Staff Nurse.....	N	4 776
(Perquisites University — one meal)		
27. Mary F. Twaler, 4435, Staff Nurse.....	N	5 046
(Perquisites University — one meal)		
28. Betty A. Weisman, 4434, Staff Nurse.....	N	5 046
(Perquisites University — one meal)		
29. Alice Ann Wernsman, 4032, Staff Nurse.....	N	5 046
(Perquisites University — one meal)		
30. Florence L. Witt, 4441, Staff Nurse.....	N	3 948
(Perquisites University — one meal; Employee — two meals and room).....		(828)
31. ———, 4436, Staff Nurse.....	N	4 746
(Perquisites University — one meal)		
32. ———, 4046, Staff Nurse.....	N	4 716
(Perquisites University — one meal)		
33. ———, 4428, Staff Nurse.....	N	4 746
(Perquisites University — one meal)		
34. ———, 4432, Staff Nurse.....	N	4 716
(Perquisites University — one meal)		
35. ———, 7282, Staff Nurse.....	N	4 746
(Perquisites University — one meal)		
36. ———, 4426, Staff Nurse.....	N	4 746
(Perquisites University — one meal)		
37. Betty A. Lindsay, 4414, Supervising Nurse.....	N	6 456
(Perquisites University — one meal)		
38. Anna A. Norton, 4439, Supervising Nurse.....	N	6 846
(Perquisites University — one meal)		

39. Willie Mae Hudson, 7279, Surgical Technician..... N	3 756
(Perquisites University — one meal; Employee — two meals and room).....	(828)
40. Jean A. Myers, 7276, Surgical Technician..... N	3 420
(Perquisites University — one meal)	
41. Delores Nolen, 7293, Surgical Technician..... N	3 576
(Perquisites University — one meal)	
42. Robert Palmer, 7292, Surgical Technician..... N	3 936
(Perquisites University — one meal)	
43. ———, Surgical Technician..... N	3 300
44. Arturo Pizarro, 7273, Surgical Technician..... N	3 936
(Perquisites University — one meal)	
<i>Total, Operating and Recovery Rooms.....</i>	<u>\$206 706</u>

Orthopaedic Brace Shop

Account Number 05-27-60

1. William P. Oliver, 4411, Bracemaker..... N	\$ 4 980
2. Mary F. Izzo, 4412, Assistant Bracemaker..... N	3 900
<i>Total, Orthopaedic Brace Shop.....</i>	<u>\$ 8 880</u>

Brace Shop Revolving

Account Number 07-27-05

1. ———, 4413, Bracemaker..... N	\$ 4 512
<i>Total, Brace Shop Revolving.....</i>	<u>\$ 4 512</u>

Pathology

Account Number 05-27-65

1. V. C. Kozukauskas, 4443, Laboratory Assistant III..... N	\$ 4 980
2. Victoria Kregzde, 4442, Laboratory Assistant III..... N	4 980
3. Sylvia C. Schreiman, 4448, Clerk-Stenographer II..... N	4 560
4. Jonas S. Ayers, 5647, Morgue Technician (Trainee)..... N	3 720
5. Elmer Walton, 4444, Morgue Technician..... N	5 280
6. Sylvia W. Dorse, 8661, Histology Technologist..... N	5 496
7. Jadvyga Makdeikis, 4449, Histology Technologist..... N	5 496
8. Margaret Meredith, 6528, Histology Technologist..... N	5 772
9. Stella Nanos, 7760, Histology Technologist..... N	5 772
10. Helen E. Baker, 6879, Medical Typist..... N	4 920
11. Marian M. Blecher, 7377, Medical Typist..... N	4 350
12. Helen Cochran, 4446, Medical Typist..... N	4 500
13. G. I. C. Friederici, 8071, Medical Typist (Trainee)..... N	4 110
14. Gayle M. Horschler, 4447, Medical Typist (Trainee)..... N	4 050
<i>Total, Pathology.....</i>	<u>\$67 986</u>

Physical Medicine and Rehabilitation

Account Number 05-27-75

1. Frances C. Conlan, 4467, Physical Therapy Aide..... N	\$ 4 170
2. Marcella Dowdell, 6633, Physical Therapy Aide..... N	4 050
3. Carl N. Koropatny, 4466, Physical Therapy Aide..... N	3 600
4. Gerald Rickenbaugh, 5714, Physical Therapy Aide..... N	3 600
5. Evelyn C. Smith, 6091, Physical Therapy Aide..... N	4 560
6. Dorothy C. Larson, 5585, Clerk III..... N	5 220
7. Teddy Ramirez, 5891, Supervisor of Physical Therapy.... N	6 420
8. June M. Schroeder, 4453, Chief Physical Therapist..... N	8 300
9. Dorothy Barnhart, 4454, Assistant Chief Physical Therapist..... N	7 020
10. June M. Reddish, 4457, Staff Physical Therapist..... N	5 760
11. Eleanor V. Schwark, 6540, Staff Physical Therapist..... N	4 950
12. Sandra Swanke, 6568, Staff Physical Therapist..... N	5 040
13. Susan S. Weltman, 4455, Staff Physical Therapist..... N	5 580
14. Elinor Wilson, 6216, Staff Physical Therapist..... N	5 760
15. ———, 4468, Staff Physical Therapist..... N	4 950
16. ———, 6918, Staff Physical Therapist..... N	5 100

17. _____, 4470, Staff Physical Therapist.....	N	5 100
18. _____, 4461, Staff Physical Therapist.....	N	5 400
<i>Total, Physical Medicine and Rehabilitation.....</i>		<u>\$94 580</u>

Radiology

Account Number 05-27-80

1. Marie Fisher, 7140, Equipment Attendant.....	N	\$ 4 296
2. Barbara Hall, 4489, Clerk I.....	N	3 450
3. Josephine R. Smith, 4485, Clerk I.....	N	3 540
4. Harold J. Carey, 6445, Clerk II.....	N	4 080
5. Pauline Hummel, 4486, Clerk II.....	N	4 380
6. Carol L. Sydlowski, 4487, Clerk I.....	N	3 540
7. Josephine Bellamia, 4483, Clerk III.....	N	4 830
8. Mildred Evans, 4496, Clerk-Typist II.....	N	4 080
9. Geraldine Gist, 4484, Clerk-Typist III.....	N	4 320
10. A. Irene Maples, 4476, Staff Nurse.....	N	5 160
11. Mabel H. Counelis, 5587, Pathotechnologist.....	N	5 772
12. Zivko Horvat, 6506, Darkroom Technician I.....	N	3 540
13. Rosa Lee Smith, 4492, Darkroom Technician I.....	N	3 780
14. Willie F. Furlow, 4481, Darkroom Technician II.....	N	4 540
15. Mildred Winesberry, 4482, Darkroom Technician II.....	N	4 290
16. Frances J. Ficek, 5325, Medical X-ray Technician I.....	N	4 620
17. Geraldine Havranek, 6407, Medical X-ray Technician I.....	N	4 620
18. Dan J. Litturi, 4490, Medical X-ray Technician I.....	N	4 320
19. William Randolph, 4491, Medical X-ray Technician I.....	N	4 200
20. Catherine Sanders, 5728, Medical X-ray Technician I.....	N	4 542
21. Charles W. Smith, 4474, Medical X-ray Technician I.....	N	4 440
22. Gloria B. Smith, 4478, Medical X-ray Technician I.....	N	4 320
23. Dorothy Mae Toney, 7928, Medical X-ray Technician I.....	N	4 320
24. Donald A. Yoder, 4479, Medical X-ray Technician I.....	N	4 410
25. _____, 4480, Medical X-ray Technician I.....	N	4 560
26. Veronica D. Demers, 4475, Medical X-ray Technician II.....	N	5 520
27. Robert A. Gaskin, 5893, Medical X-ray Technician II.....	N	5 340
28. Dolores Kyles, 5106, Medical X-ray Technician II.....	N	5 040
29. Samuel J. Martin, 6343, Medical X-ray Technician II.....	N	4 740
30. Lydia Naaf, 4477, Medical X-ray Technician II.....	N	6 360
31. Richard J. Graczyk, 4495, Chief Medical X-ray Technician	N	7 230
32. Dennis Rainsford, 5793, Medical Typist.....	N	4 800
<i>Total, Radiology</i>		<u>\$146 980</u>

Respiratory Center Revolving

Account Number 07-27-25

1. Favale C. Hughes, 5794, Clerk II.....	N	\$ 3 780
2. Shirley D. Hamby, 5723, Head Nurse.....	N	5 766
(Perquisites University — one meal)		
3. _____, 5849, Assistant Head Nurse.....	N	5 106
(Perquisites University — one meal)		
4. Viola Henderson, 5941, Licensed Practical Nurse.....	N	4 014
5. Elisa Heslip, 5975, Licensed Practical Nurse.....	N	3 786
(Perquisites University — one meal)		
6. Elvenia Neal, 5940, Licensed Practical Nurse.....	N	3 606
(Perquisites University — one meal)		
7. Lena Reed, 5938, Licensed Practical Nurse.....	N	3 420
(Perquisites University — one meal)		
8. _____, 6269, Licensed Practical Nurse.....	N	3 276
(Perquisites University — one meal)		
9. _____, 5939, Licensed Practical Nurse.....	N	3 216
(Perquisites University — one meal)		
10. _____, 6462, Licensed Practical Nurse.....	N	3 366
(Perquisites University — one meal)		
11. _____, 6543, Licensed Practical Nurse.....	N	3 420
12. Maxine P. Pryor, 5942, Staff Nurse.....	N	5 250

13. Marija Sadunaite, 5943, Staff Nurse.....	N	5 016
(Perquisites University—one meal)		
14. Patricia A. Webb, 6493, Staff Nurse.....	N	4 776
(Perquisites University—one meal)		
15. ———, 5890, Staff Nurse.....	N	4 716
(Perquisites University—one meal)		
16. ———, 6264, Staff Nurse.....	N	3 888
(Perquisites University—one meal; Employee—two meals and room).....		(828)
17. ———, 5850, Staff Nurse.....	N	4 716
(Perquisites University—one meal)		
18. ———, 5920, Staff Nurse.....	N	4 716
(Perquisites University—one meal)		
Total, Respiratory Center Revolving.....		\$75 834

Ophthalmology Revolving

Account Number 07-27-15

1. Mattie Carmichael, 6901, Clerk II.....	N	\$ 3 960
2. Lylas R. Egarter, 3459, Clerk III.....	N	4 770
3. Fay Saxon, 3460, Clerk III.....	N	4 950
4. ———, 3461, Optical Dispenser I.....	N	6 000
5. ———, Optical Dispenser I.....	N50	2 250
6. Herman Frank, 3457, Optical Dispenser II.....	N	7 410
Total, Ophthalmology		\$29 340

Stores—Sewing and Mending

Account Number 15-10-33

1. Anne C. Glass, 3716, Seamstress.....	N	\$ 3 216
(On leave without pay)		
2. Frances M. Venchus, 3715, Seamstress.....	N	3 028
3. Lillian McCaffrey, 3713, Sewing and Mending Supervisor.....	N	5 970
Total, Stores—Sewing and Mending.....		\$12 214

LIBRARY

Account Number 05-33-05

1. ———, 4510, Library Clerk II.....	N	\$ 3 600
2. Elizabeth R. Browne, 4505, Library Clerk III.....	N	5 070
3. Mary W. McCray, 4508, Library Clerk III.....	N	4 680
(On leave without pay)		
4. Helen C. Ritter, 4504, Library Clerk III.....	N	5 070
5. Lachrishia Chaney, 4507, Typing Clerk I.....	N	3 420
6. Bonita Y. McCall, 7332, Typing Clerk I.....	N	3 900
7. ———, Typing Clerk I.....	N	3 500
8. Marcia G. Schmidt, 4506, Clerk-Stenographer II.....	N	4 200
Total, Library		\$33 440

PHYSICAL PLANT**Administration**

Account Number 05-36-02

1. Mary Ellen Nelson, 4902, Accountant II.....	N	\$ 7 500
2. Helen Duplantis, 4514, Accountant III.....	N	9 300
3. Lawrence A. Ruhnow, 4515, Assistant to Associate Director of Physical Plant.....	N	9 800
4. Rosa Mayer, 4523, Clerk III.....	N	4 080
5. Marie L. Smith, 4519, Clerk III.....	ZN80	3 646
(Total Salary)		(4 560)
6. Ella M. Warskow, 4522, Clerk III.....	N	4 200
7. Mitchell J. Markos, 4582, Administrative Clerk.....	N	7 000
8. L. D. Westerfors, 4901, Payroll Clerk II.....	N	4 380
9. Margaret Banks, 4518, Payroll Clerk III.....	N	5 310
10. Henrietta L. Swan, 7086, Clerk-Stenographer III.....	N	4 680
11. Eugene A. Mokeike, 5414, Estimator.....	N	9 200

12. Virgie L. Clopton, 5550, Bookkeeping Machine Operator II	N	4 800
13. Clara G. Niemiec, 4903, Bookkeeping Machine Operator II	N	4 620
14. ———, 4517, Bookkeeping Machine Operator II....	N	4 260
15. Carolyn Y. Holloway, 6293, Secretary — Stenographic...	N	5 040
16. Shirley Ann Hoy, 4516, Secretary — Stenographic.....	N	5 220
17. Frank W. Houck, 5193, Superintendent of Buildings and Grounds.....	N	14 500
18. Clarence F. Schar, 4546, Superintendent of Fire Preven- tion and Safety.....	N	8 800
19. Frank E. Hostettler, 4513, Superintendent of Physical Plant.....	N	15 000
<i>Total, Administration</i>		<u>\$131 336</u>

Building Operation

Account Number 05-36-04

1. Donna DuPont, 4527, Clerk-Stenographer II.....	N	\$ 4 320
2. Helen Nottoli, 4532, Clerk-Typist III.....	N	4 260
3. William W. Moss, 4530, Superintendent of Operations....	N	11 000
4. Frank X. Benjamin, 7697, Assistant Superintendent of Operations	N	8 300
5. John J. Fee, 4531, Assistant Superintendent of Operations	N	9 000
<i>Total, Building Operation</i>		<u>\$36 880</u>

Laundry Service

Account Number 15-10-27

1. ———, 8596, Typing Clerk I.....	N	\$ 3 720
2. John Stankowiak, 8463, Laundry Manager.....	N	8 300
<i>Total, Laundry Service</i>		<u>\$12 020</u>

Police and Watchmen

Account Number 05-36-06

1. John F. Albrecht, 5773, Supervisor of Security and Traffic	N	\$ 9 600
<i>Total, Police and Watchmen</i>		<u>\$ 9 600</u>

Building Maintenance

Account Number 05-36-08

1. Carol J. Demos, 6476, Typing Clerk II.....	N	\$ 3 780
2. J. E. Guglielmi, 4555, Typing Clerk III.....	N	4 260
3. Rhoda E. Peterson, 4524, Typing Clerk III.....	N	4 740
4. Inez O. Banks, 4526, Clerk-Typist I.....	N	3 600
5. William A. Brauer, 8389, Project Engineer.....	N	8 000
6. Leo J. Janas, 7399, Project Engineer.....	N	9 500
7. Eugene H. Stewart, 4552, Structural Engineer.....	N	11 100
8. James Lindsay, 4553, Routing Supervisor.....	N	8 400
9. George W. Hovland, 4554, Stores Supervisor.....	N	6 800
10. Andrew Poetzinger, 4557, Supervisor of Building Crafts- men.....	N	10 409
11. Albert H. Stroupe, 6772, Supervisor of Trades.....	N	10 782
<i>Total, Building Maintenance</i>		<u>\$81 371</u>

Grounds Maintenance

Account Number 05-36-60

1. Thomas J. Flynn, 5287, Superintendent of Grounds.....	N	\$ 8 400
<i>Total, Grounds Maintenance</i>		<u>\$ 8 400</u>

Heat, Light, and Power

Account Number 05-36-65

1. Mary Cermak, 5184, Clerk-Typist III.....	N	\$ 4 200
2. Ruth Genis, 4571, Secretary — Stenographic.....	N	5 400
<i>Total, Heat, Light, and Power</i>		<u>\$ 9 600</u>

Architectural Engineering Service

Account Number 15-10-06

1. Jesse C. Caraway, 4575, Associate Architect.....	N	\$12 400
2. Elaine T. Kramer, 4556, Operations Clerk.....	N	4 320
3. Hildegard Carlock, 4589, Clerk-Stenographer III.....	N	4 500
4. Lucile E. Green, 4520, Clerk-Stenographer III.....	N	4 620
5. Ronald E. Feltgen, 7400, Architectural Draftsman II.....	N	8 700
6. Henry J. Miskowicz, 4581, Architectural Draftsman II.....	N	8 700
7. George Venchuk, 4579, Architectural Draftsman II.....	N	8 200
8. Frank R. Dukes, 4567, Architectural Electrical Engineer..	N	9 600
9. Michael M. Ferenci, 4587, Architectural Electrical Engineer.....	N	9 000
10. Frank J. Vogt, 4566, Architectural Mechanical Engineer..	N	9 600
11. _____, 4577, Architectural Engineer.....	N	8 600
12. Elric M. Polly, 4576, Architectural Superintendent.....	N	11 800
13. _____, 4578, Architectural Superintendent.....	N	8 700
<i>Total, Architectural Engineering Service.....</i>		<u>\$108 740</u>

Auxiliary Enterprises**Chicago Illini Union Building Operation**

Account Number 15-15-15

1. Grace F. Bacher, 4600, Assistant to Manager of Illini Union.....	N	\$ 5 520
2. Judith A. Pacey, 4603, Assistant to Social Director.....	N	4 590
3. _____, 4602, Assistant to Social Director.....	N	4 050
4. Marie L. Smith, 4519, Clerk III.....	ZN10	457
<i>(Total Salary)</i>		<i>(4 560)</i>
<i>Total, Chicago Illini Union Building Operation.....</i>		<u>\$14 617</u>

Telephone Service

Account Number 15-10-45

1. Irene C. Smith, 4590, Chief Switchboard Operator.....	N	\$ 5 880
<i>Total, Telephone Service.....</i>		<u>\$ 5 880</u>

Chicago Illini Union Food Service

Account Number 15-15-16

1. Marie L. Smith, 4519, Clerk III.....	ZN10	457
<i>(Total Salary)</i>		<i>(4 560)</i>
2. Marian Flight, 4605, Food Production Manager (Trainee)	N	5 400
3. Margaret D. Johnson, 5813, Food Service Manager.....	ZN25	2 950
<i>(Total Salary)</i>		<i>(11 800)</i>
4. Viola Walberg, 5531, Assistant Food Service Manager....	ZN25	2 225
<i>(Total Salary)</i>		<i>(8 900)</i>
5. Malinda Ludtka, 4607, Food Service Supervisor.....	N	5 040
<i>Total, Chicago Illini Union Food Service.....</i>		<u>\$16 072</u>

Trust — Housing Division Administration

Account Number 62-10-10

1. Mary M. Mahoney, 5618, Accountant I.....	N	\$ 6 180
2. Christine J. Pawlicki, 5432, Clerk-Stenographer II.....	N	4 200
3. Harriet McDaniel, 5775, Clerk-Typist II.....	N	4 140
4. Francis L. Cooke, 5580, Housing Maintenance Supervisor	N	7 590
<i>Total, Trust — Housing Division Administration.....</i>		<u>\$22 110</u>

Steam Plant Service

Account Number 15-10-65

1. Leonard Burkhardt, 4570, Operations Clerk.....	N	\$ 5 000
2. Umberto Cruciani, 5227, Instrument and Efficiency Engineer	N	7 500
3. _____, 4574, Power Plant Mechanical Engineer....	N	8 250
4. Albert A. Anderson, 4565, Superintendent of Utilities....	N	12 700
<i>Total, Steam Plant Service.....</i>		<u>\$33 450</u>

Trust — Student Residence Hall

Account Number 62-10-12

1. Stafford Kariotis, 3286, Purchasing Assistant III.....	ZN25	\$ 2 350
(Total Salary)		(10 300)
2. Florence E. Sanborn, 6432, Food Production Manager....	N	6 180
3. Helen S. Cady, 6807, Assistant Food Production Manager	N	5 400
(Perquisites University — two meals)		
4. Margaret D. Johnson, 5813, Food Service Manager.....	ZN40	4 720
(Total Salary)		(11 800)
5. Viola Walberg, 5531, Assistant Food Service Manager...	ZN40	3 560
(Total Salary)		(8 900)
6. Dora M. Breitzer, 5657, Food Service Supervisor.....	N	4 800
(Perquisites University — two meals)		
<i>Total, Trust — Student Residence Hall.....</i>		<u>\$27 010</u>

CHICAGO UNDERGRADUATE DIVISION**ADMINISTRATION AND GENERAL****Vice-President's Office**

Account Number 70-05-05

1. Barbara L. Childers, Clerk-Stenographer II.....	N	\$ 4 020
2. Betty J. Haidinger, 0556, Clerk-Stenographer III.....	N	4 500
3. Margaret Shanahan, Clerk-Stenographer III.....	N	5 130
4. Kathryn G. Canedy, 0555, Administrative Secretary —		
Stenographic	N	7 110
<i>Total, Vice-President's Office.....</i>		<u>\$20 760</u>

Student Counseling Service

Account Number 70-05-10

1. Joanne C. Perry, 6030, Personnel Assistant II.....	N	\$ 5 880
2. Mary L. Jackson, 0560, Clerk-Stenographer III.....	N	4 590
3. Allie H. Mayberry, 0557, Clerk-Typist III.....	N	4 500
4. Marg Dye Johnston, 0558, Secretary — Stenographic.....	N	5 190
<i>Total, Student Counseling Service.....</i>		<u>\$20 160</u>

Business Office

Account Number 70-05-15

1. Leslie Taylor, 0563, Accountant II.....	N	\$ 6 750
2. Thomas Halstengard, 0562, Purchasing Assistant III.....	ZN90	8 320
(Total Salary)		(9 240)
3. D. C. Huebner, 0645, Assistant to Military Property Custodian	N	6 150
4. Louise V. Hauser, 6194, Cashier II.....	N	3 900
5. Inez V. Dunn, 0566, Cashier III.....	ZN90	5 580
(Total Salary)		(6 090)
6. LaRue I. Sares, 0568, Chief Clerk.....	N	4 920
7. Joaquin Pelayo, 0565, Receiving Clerk.....	N	4 680
8. George E. Campbell, 0567, Stores Clerk.....	N	4 920
9. George S. Lewis, 5264, Stores Clerk.....	N	4 260
10. Teresc S. Arnoldi, 0569, Clerk-Stenographer III.....	N	4 530
11. Sandra L. DeWees, 8284, Clerk-Typist II.....	N	3 600
12. Robert E. Porter, 0561, Assistant Business Manager.....	N	13 400
13. Phyllis S. Skutnik, 0564, Secretary — Stenographic.....	N	5 250
<i>Total, Business Office.....</i>		<u>\$76 260</u>

General Stores

Account Number 75-05-15

1. Thomas Halstengard, 0562, Purchasing Assistant III.....	ZN10	\$ 920
(Total Salary)		(9 240)
2. Nathan Barach, 0570, Storekeeper.....	N80	4 230
<i>Total, General Stores.....</i>		<u>\$ 5 150</u>

Auxiliary — Bookstore

Account Number 75-15-20

1. Dorothy E. Conlon, 0579, Cashier I.....	N	\$ 4 440
2. Carol J. Kiefer, 8653, Clerk I.....	N	3 300
3. Evelyn S. Bassett, 6814, Accounting Clerk II.....	N	5 400
4. Evelyn Marcus, 7044, Bookstore Clerk I.....	N	3 990
5. Beatrice Schwartz, 6144, Bookstore Clerk I.....	N	4 500
6. Emmett E. Willis, 0573, Chief Clerk.....	N	6 300
7. Arthur W. Bevil, Jr., Stores Clerk.....	N	3 600
8. Rhoda M. Johnson, 0580, Clerk-Typist III.....	N	4 590
9. Harry E. Summers, 0572, Bookstore Manager.....	N	11 000
10. Frank Goetker, 0574, Storekeeper.....	N	5 400
11. William J. Hudson, 0578, Storekeeper.....	N	5 340
<i>Total, Auxiliary — Bookstore</i>		<u>\$57 860</u>

Admissions and Records

Account Number 70-05-20

1. C. Muriel Fakhoury, 0596, Clerk II.....	N	\$ 3 840
2. Gladys L. Jackson, 0597, Clerk II.....	N	4 200
3. Emily Wickert, 0598, Clerk II.....	ZN86	3 480
(Total Salary)		(3 960)
4. Rachel W. Hawkins, 0590, Clerk III.....	N	4 440
5. Adrienne Zmyslony, 0588, Clerk III.....	N	4 740
6. Mary A. Grosch, 0589, Chief Clerk.....	N	5 040
7. Irene D. Lyles, 6578, Typing Clerk II.....	N	3 690
8. Ellen J. Driscoll, 0586, Typing Clerk III.....	N	4 050
9. Margaret A. Brod, 0592, Clerk-Typist II.....	N	3 840
10. Agnes M. Burke, 0593, Clerk-Typist II.....	N	3 690
11. Lynette M. Haynes, Clerk-Typist II.....	N	3 600
12. Joan T. Miller, 0594, Clerk-Typist II.....	N	3 780
13. Adair F. Price, 8735, Clerk-Typist II.....	N	3 600
14. ———, Clerk-Typist II.....	N	3 600
15. Barbara A. Long, 0587, Clerk-Typist III.....	N	4 500
16. Ruth S. Germain, 0582, Examiner.....	N	6 480
17. Delores D. Samuels, 8335, Assistant Examiner.....	N	5 400
18. Jeannet Gage, 0584, Recorder.....	N	7 350
19. Lenore B. Shapiro, 0583, Recorder.....	N	6 180
20. Margaret L. Hewitt, 6701, Assistant Recorder.....	N	5 580
21. Dorothy Dobrynski, 0585, Secretary — Stenographic.....	N	5 790
<i>Total, Admissions and Records</i>		<u>\$96 870</u>

Veterans' Certification

Account Number 88-05-20

1. Emily Wickert, 0598, Clerk II.....	ZN14	\$ 480
<i>Total, Veterans' Certification</i>		<u>\$ 480</u>

Nonacademic Personnel

Account Number 70-05-25

1. Hilda M. Chiloro, 7099, Personnel Assistant II.....	N	\$ 5 880
2. ———, Clerk-Stenographer II.....	N	4 200
3. Rose M. Strueck, 0601, Visiting Nurse.....	ZN40	2 280
(Total Salary)		(5 700)
<i>Total, Nonacademic Personnel</i>		<u>\$12 360</u>

Stenographic Service

Account Number 75-10-15

1. Bernice Blackwood, 3141, Chief Clerk.....	N	\$ 5 820
2. Frances L. Hedge, 0604, Duplicating Machine Operator II.....	N	4 320
3. Gifford D. Pleasant, 0603, Duplicating Machine Operator III.....	N	5 400
<i>Total, Stenographic Service</i>		<u>\$15 540</u>

Dean of Students

Account Number 70-05-30

1. Beverly S. McCleary, 0607, Clerk-Stenographer II.....	N	\$ 4 290
2. Constance Friske, 0644, Clerk-Stenographer III.....	N	4 500
3. Eleanor C. Thomas, 0605, Secretary — Stenographic.....	N	5 220
<i>Total, Dean of Students.....</i>		<u>\$14 010</u>

Auxiliary — Student Hospital and Medical Services

Account Number 75-15-30

1. Inez V. Dunn, 0566, Cashier III.....	ZN10	\$ 510
(Total Salary)		(6 090)
2. Alma L. Sissac, 6776, Clerk-Typist III.....	N	3 900
<i>Total, Auxiliary — Student Hospital and Medical Services</i>		<u>\$ 4 410</u>

Health Service

Account Number 70-05-35

1. Wilbur H. Oestreich, 0609, Assistant to Director of Health Service.....	N	\$ 7 420
2. Eleanore O. Beymer, 0610, Clerk-Typist III.....	N	4 000
3. Alice M. Sanderson, 7052, Health Service Nurse.....	N	5 400
<i>Total, Health Service.....</i>		<u>\$16 820</u>

Public Information

Account Number 70-05-45

1. Nancy A. Pinna, 6615, Editorial Assistant.....	N	\$ 4 950
<i>Total, Public Information.....</i>		<u>\$ 4 950</u>

LIBERAL ARTS AND SCIENCES**Administration**

Account Number 70-10-05

1. Jane Lagen, 0615, Clerk-Typist II.....	N	\$ 4 020
2. _____, Clerk-Typist II.....	N	3 600
3. Ruth Betty Karpel, 0614, Secretary — Stenographic.....	N	5 580
<i>Total, Administration</i>		<u>\$13 200</u>

Biological Sciences

Account Number 70-10-10

1. Rosanne Bohlander, 7060, Laboratory Assistant II.....	N	\$ 3 660
2. Edward M. Dryja, 0618, Laboratory Assistant III.....	N	5 820
3. Sheila J. Shankin, 0617, Clerk-Typist II.....	N	3 600
<i>Total, Biological Sciences.....</i>		<u>\$13 080</u>

Humanities

Account Number 70-10-15

1. Audrey J. Bailey, 0620, Typing Clerk II.....	N	\$ 3 720
2. Sheila A. Hampton, 0619, Clerk-Stenographer III.....	N	4 680
3. Mildred M. Brown, 7412, Clerk-Typist II.....	N	3 900
<i>Total, Humanities</i>		<u>\$12 300</u>

Mathematics

Account Number 70-10-20

1. Adelaide D. Riedl, 0621, Clerk-Typist III.....	N	\$ 4 800
<i>Total, Mathematics</i>		<u>\$ 4 800</u>

Physical Sciences

Account Number 70-10-25

1. Monnie Ellens, 0622, Clerk-Typist III.....	N	\$ 4 440
2. Frederick R. Gatto, 0624, Storekeeper.....	N	5 400
3. John T. Rutter, 0623, Storekeeper.....	N	5 250
<i>Total, Physical Sciences.....</i>		<u>\$15 090</u>

Social Sciences

Account Number 70-10-30

1. Natalie E. Murray, 0625, Clerk-Typist II.....	N	\$ 4 500
<i>Total, Social Sciences.....</i>		<u>\$ 4 500</u>

ENGINEERING SCIENCES**Administration**

Account Number 70-15-05

1. Aileen M. Pleasant, 0628, Typing Clerk II.....	N	\$ 3 840
2. Florence P. Tanka, 0627, Typing Clerk III.....	N	4 650
3. Rose N. Turicchi, 0626, Secretary — Stenographic.....	N	5 970
<i>Total, Administration</i>		<u>\$14 460</u>

Architecture and Art

Account Number 70-15-10

1. Vivian F. Miller, 5645, Clerk-Typist II.....	N	\$ 3 720
2. Helen Harron, 0630, Clerk-Typist III.....	N	4 770
<i>Total, Architecture and Art.....</i>		<u>\$ 8 490</u>

General Engineering

Account Number 70-15-20

1. Patricia L. Hansen, 0631, Clerk-Stenographer III.....	N	\$ 4 470
<i>Total, General Engineering.....</i>		<u>\$ 4 470</u>

Physics

Account Number 70-15-25

1. Otto V. Vitello, 0632, Laboratory Assistant III.....	N	\$ 5 700
2. Jean Y. Asato, 0633, Clerk-Stenographer III.....	N	5 100
<i>Total, Physics</i>		<u>\$10 800</u>

Shop Laboratories

Account Number 70-15-30

1. Martha G. Kellom, 0637, Clerk-Stenographer II.....	N	\$ 4 080
2. Matthew Wisniewski, 0634, Senior Laboratory Mechanic..	N	5 554
3. ———, 6473, Senior Laboratory Mechanic.....	N	6 327
4. Eugene N. Feller, 0635, Senior Foundry Molder.....	N	5 554
<i>Total, Shop Laboratories.....</i>		<u>\$21 515</u>

COMMERCE AND BUSINESS ADMINISTRATION

Account Number 70-20-05

1. Karen D. Hope, 0639, Clerk II.....	N	\$ 4 020
2. Karen Ann Veltri, Clerk-Typist II.....	N	3 540
3. Lois L. Thompson, 0638, Secretary — Stenographic.....	N	5 730
<i>Total, Commerce and Business Administration.....</i>		<u>\$13 290</u>

PHYSICAL EDUCATION

Account Number 70-20-10

1. Frank W. Winters, 0641, Men's Locker Room Attendant..	N	\$ 5 010
2. Charlye B. Williams, 0642, Women's Locker Room At-		
tendant.....	N	3 456
3. C. J. Oleszkiewicz, 0640, Chief Clerk.....	ZN88	5 490
(Total Salary)		(6 290)
4. Helen M. Weiss, 0643, Typing Clerk II.....	N	3 600
5. Betty J. Cappa, 7055, Typing Clerk II.....	N	3 600
<i>Total, Physical Education.....</i>		<u>\$21 156</u>

Auxiliary — Student Athletic Activities

Account Number 75-15-10

1. C. J. Oleszkiewicz, 0640, Chief Clerk.....	ZN12	\$ 800
(Total Salary)		(6 290)
<i>Total, Auxiliary — Student Athletic Activities.....</i>		<u>\$ 800</u>

ARMED FORCES

Account Number 70-20-20

1. Flora Costea, 0646, Clerk-Typist II.....	N	\$ 4 020
<i>Total, Armed Forces.....</i>		<u>\$ 4 020</u>

LIBRARY

Account Number 70-20-30

1. Judith A. Benjamin, 0658, Library Clerk II.....	N	\$ 3 630
2. Ardie M. Grady, 0653, Library Clerk II.....	N	3 780
3. Mary Lou DeMar, 0656, Library Clerk III.....	N	4 260
4. Martha D. Licht, 0650, Library Clerk III.....	N	4 260
5. Mary L. Morris, 0660, Library Clerk III.....	N	4 050
6. Ernest D. Sims, Jr., 0655, Library Clerk III.....	N	4 080
7. Joseph E. Williams, 5267, Library Clerk III.....	N	4 080
8. Phedorah Prescott, 0648, Chief Library Clerk.....	N	4 920
9. Joan R. Twerberg, 7338, Typing Clerk II.....	N	3 600
10. Kira Gale, 6659, Clerk-Typist II.....	N	3 600
11. Doris E. Taylor, 6886, Clerk-Typist II.....	N	3 600
12. Geraldine Glover, 0657, Clerk-Typist III.....	N	4 750
13. Emily C. Wilson, 0652, Clerk-Typist III.....	N	4 080
14. Frances M. Stiritz, 0647, Secretary — Stenographic.....	N	6 150
<i>Total, Library</i>		<u>\$58 840</u>

PHYSICAL PLANT**Administration**

Account Number 70-25-02

1. E. A. Oskvarek, 0686, Clerk II.....	ZN88	\$ 3 570
(Total Salary)		(4 050)
2. Lori S. Affinito, 0668, Clerk-Stenographer II.....	N	3 960
3. Dora H. Wrobel, 0665, Clerk-Stenographer III.....	N	5 490
4. Robert L. Zander, 0661, Superintendent of Buildings and Grounds.....	N	12 800
<i>Total, Administration</i>		<u>\$25 820</u>

Building Operation

Account Number 70-25-04

1. Joseph J. Ehrlicher, 0670, Assistant Superintendent of Operations	N	\$ 8 800
<i>Total, Building Operation.....</i>		<u>\$ 8 800</u>

Building Maintenance

Account Number 70-25-08

1. Meyer I. Serlin, 0680, Storekeeper.....	N	\$ 5 640
2. Ned R. Lohan, 0679, Routing Supervisor.....	N	7 900
3. ———, 0678, Supervisor of Building Craftsmen....	N	9 862
<i>Total, Building Maintenance.....</i>		<u>\$23 402</u>

Telephone Service

Account Number 75-10-25

1. E. A. Oskvarek, 0686, Clerk II.....	ZN12	\$ 480
(Total Salary)		(4 050)
2. Rita M. Wilson, 6939, Accounting Clerk II.....	ZN15	786
(Total Salary)		(5 370)
<i>Total, Telephone Service.....</i>		<u>\$ 1 266</u>

Auxiliary Enterprises**Food Service**

Account Number 75-15-05

1. Rita M. Wilson, 6939, Accounting Clerk II.....	ZN85	\$ 4 584
(Total Salary)		(5 370)
2. Audrey F. Mezlo, 0688, Food Production Manager.....	N	5 400

3. Margaret D. Johnson, 5813, Food Service Manager.....	ZN35	4 130
(Total Salary)		(11 800)
4. Viola Walberg, 5531, Assistant Food Service Manager....	ZN35	3 115
(Total Salary)		(8 900)
5. Eloise L. Frisby, 7487, Food Service Supervisor.....	N	3 960
<i>Total, Food Service.....</i>		<u>\$21 189</u>

Planning and Engineering Revolving

Account Number 75-10-10

1. Evelyn T. Richter, Secretary — Stenographic.....	N	\$ 5 280
<i>Total, Planning and Engineering Revolving.....</i>		<u>\$ 5 280</u>

Illini Union Facility

Account Number 75-15-35

1. ———, Clerk-Stenographer III.....	N	\$ 4 500
<i>Total, Illini Union Facility.....</i>		<u>\$ 4 500</u>

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

September 21, 1961



The September meeting of the Board of Trustees of the University of Illinois was held in the administrative offices of the Chicago Undergraduate Division at Navy Pier, Chicago, Illinois, on Thursday, September 21, 1961, beginning at 10:30 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Richard A. Harewood, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Governor Otto Kerner was absent.

Also present were President David D. Henry, Executive Vice-President and Provost Lyle H. Lanier, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Dr. J. S. Begando, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Mr. C. S. Havens, Director of the Physical Plant, Mr. James J. Costello, Legal Counsel, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. V. L. Kretschmer, Director of Auxiliary Services; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on April 19 and May 17, 1961, press proof copies of which had previously been sent to the Board.

On motion of Mr. Johnston, the minutes were approved as printed on pages 435 to 535, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

MASTER SITE PLAN FOR THE CONGRESS CIRCLE CAMPUS

(1) The master site plan for the ultimate development of the University of Illinois Congress Circle Campus in Chicago, which was publicly presented on September 14, 1961, has been approved by the Advisory Council and the Vice-President for the Chicago Undergraduate Division, and also by the University Building Program Committee.

Approval of a master site plan is now required for submission to and approval by the Chicago Land Clearance Commission. Approval by the Board of Trustees is also desired before any further architectural and engineering work is authorized.

Accordingly, approval and authorization to submit the plan to the Chicago Land Clearance Commission are requested. Photographic copies of this plan are submitted herewith and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Pogue, the master site plan was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(2) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard written examination given in May, 1961, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

LOREN JAY ALTER (Skokie)
NORMAN STEPHEN ANDERSON
(Elmhurst)
JOSEPH JACQUES ANGEL (Chicago)
CHARLES MAX ARBETTER (Chicago)
ROBERT MILLER ARMSTRONG (Joliet)
JAMES LEE ASHBROOK (Franklin Park)
ALEXANDER THOMAS ATHANASES
(Des Plaines)
EUGENE VICTOR BARASCH (Chicago)
JOHN WILLHOITE BARBER (Pittsfield)
HOWARD MARSHALL BERNSTEIN
(Chicago)
ROBERT LEWIS BEYER (Glenview)
DELORIES LYNNE BIDDLE (Newman)
THOMAS PAUL BINTINGER (Chicago)
CLIFFORD JOHN BOXLEITNER (Mount
Prospect)
DONALD LEONARD BRENNER (Des
Plaines)
MARTIN LOUIS BRESLOFF (Chicago)
JAMES DAVIS BROWN (Chicago)
JAMES EDWARD BUNCHER (Galesburg)

MELVIN CHARLES BUTLER
(Lincolnwood)
DONALD FRANCIS BUTZEN (Chicago)
RONALD JOHN BYRON (Hazel Crest)
LLOYD LEWIS CAMPBELL (Park Forest)
THEODORE ROBERT CARLUS, JR.
(Chicago)
CHARLES DONALD CAUGHEY (Arlington
Heights)
JAY HAROLD CHAPMAN (Chicago)
JAMES WILLIAM COBB (Park Forest)
FRANK RICHARD COHEN (Chicago)
RICHARD JOSEPH COLE (Highland
Park)
ROBERT WIGGER COMER (Chicago)
HARVEY LAWRENCE COUSTAN (Chicago)
CHARLES MICHAEL CULLEN (Arlington
Heights)
EUGENE GREGORY CURRAN (Chicago)
JOHN JOSEPH D'ASARO (Forest Park)
EUGENE LEE DIERKING (Villa Park)
DONALD SEYMOUR DILL (Chicago)

- RICHARD FRANCIS DOYLE (Park Forest)
 KENNETH CARL DUDE (Chicago)
 ROBERT OSBORN DUNKEL (Chicago)
 RAYMOND JOSEPH DUTKO (Rolling Meadows)
 RALPH WILLIAM EILERS (Mount Prospect)
 JON DAVID ELLETSON (Chicago)
 ROY RUDOLPH ERICKSEN (Chicago)
 JAMES STEVEN FASEL (Chicago)
 THOMAS STEPHEN FAVORITE (Dolton)
 ANTHONY SALVATORE FILICICCHIA (Chicago)
 SHELDON MARSHALL FISHER (Chicago)
 RONALD GARY FLEISHER (Mattoon)
 FREDERICK MATTHEW FLEURY (Chicago)
 MARVIN WALTER FRIMAN (Evanston)
 THOMAS MICHAEL GARVIN (Lombard)
 JAMES ALDEN GARY (Wheaton)
 JOHN DAVID GERO (Evanston)
 ALVIN LEE GOLDBERG (Park Forest)
 WILLIAM JAY GOLDMAN (Chicago)
 STANLEY JOHN GONDEK (Chicago)
 JOHN EDWIN GREATHOUSE (Mattoon)
 JEROME KEITH GREEN (Winnetka)
 LEONARD ALLEN GREENWOOD (Springfield)
 NICHOLAS GEORGE HAHN (Berwyn)
 MAURICE DEAN HAMILTON (Rockford)
 JAMES WALTER HANNON (Chicago)
 SHERWIN HARA (Skokie)
 VICTOR LYLE HARVEY (Skokie)
 WILLIAM FRANCIS HAYES (Downers Grove)
 MARTIN HAZE (Chicago)
 ALBERT WILLIAM HERMAN (Antioch)
 RICHARD JEROME HEVRDEJS (Chicago)
 HARRY EUGENE HINDMAN (Berwyn)
 EDWARD VANCE HIPPS, JR. (Chicago)
 ALAN MARSHALL HOFFBERG (Broadview)
 RONALD EUGENE HOLLOWAY (Lincoln)
 LESTER LEE HOOVER (Forest Park)
 MARVIN LEROY HUSTON (Chicago)
 DUANE JERRY JERAY (Cicero)
 MARVIN KAMENSKY (Lincolnwood)
 PAUL EDWARD KAMSCHULTE, JR. (Joliet)
 HENRY KASTLER (Chicago)
 EMANUEL MORRIS KATTEN (Chicago)
 RAYMOND EDWARD KELLY (Chicago)
 PETER ARLO KEMBLE (Park Forest)
 TEDDY ROOSEVELT KERN (Zeigler)
 RICHARD HERMAN KIRKPATRICK (Waukegan)
 HENRY KITE (Chicago)
 JOHN LOUIS KLEMMER (Chicago)
 DONALD ROBERT KLOSS (Wheaton)
 OWEN ARTHUR KNUTSON (Champaign)
 JOHN ADAM KOCH (Normal)
 HENRY WILLIAM KOESTER (Oak Lawn)
 LEONARD PAUL KRIEGER (Chicago)
 BERTHOLD FRANCIS KRINGS (Downers Grove)
 RUDOLPH ALBERT KROGER (Evanston)
 JAMES MONTGOMERY LAHEY (Urbana)
 JOHN JOSEPH LANNON (Chicago)
 SORRELL HAROLD LAPINS (Skokie)
 EDWARD CHARLES LAWRENCE (Oak Lawn)
 JOHN EDWARD LEHRER (Oak Park)
 IAN HERSH LEVIN (Chicago)
 JOEL HERBERT LEVIN (Chicago)
 BURTON BERYL LEVY (Chicago)
 MICHAEL IRWIN LEW (Chicago)
 CHARLES DEAN LEWIS (Urbana)
 PHILIP STANLEY LEWIS (River Forest)
 JOHN FRANCIS LINCHESTER (Lisle)
 KENNETH ARTHUR LUSSENHOP (Chicago)
 ROBERT HENRY LUTZ (Northbrook)
 WALTER FREDERICK LUTZ (Chicago)
 HAROLD PHILLIP MANDELL (Chicago)
 DONALD LOUIS MANFRISIO (Chicago)
 IRA MARCUS (Chicago)
 EDWARD JAMES MCNELLIS (Mount Prospect)
 DAVID PRESCOTT MIDDLEMAS (Chicago)
 ROBERT JAMES MONTAGUE, JR. (Hazel Crest)
 LAWRENCE EVAN NELSON (Blue Island)
 RICHARD DAVID NELSON (Chicago)
 LEONARD EUGENE NEVITT (Peoria)
 DENNIS FRANCIS NOAKES (Chicago)
 DAVID EMMETT O'CONNELL (Glenview)
 ALAN MYERS OLSON (Rockford)
 SHELBY ALLEN ORRELL (Urbana)
 THEODORE PAPANICKOLAS (Chicago)
 DALE GEORGE PHILLIPS (Chicago)
 DOMINIC PAUL PIRAINO (Decatur)
 JOHN CHARLES PLOTZ (Oak Park)
 THOMAS JERRY PONCIN (Niles)
 ROBERT HAROLD PORTER (Wilmette)
 LOUIS STEPHEN RAY, JR. (Oak Park)
 CARL FRANKLIN REARDON (Urbana)
 E. ROGER REITHMEIER (Rockford)
 EDWARD ANTHONY RICHERT (Palos Heights)
 DONALD PETER RIPOLI (Roselle)
 JOSEPH HARRIS RODENBERG (Park Forest)
 HERSHOLT JACK ROSMAN (Chicago)
 LEO EDWIN ROSTERMUNDT (Evanston)
 LEONARD HOWARD ROYNER (Chicago)
 DOROTHY DOSCH SANDS (Normal)
 HOWARD SHELDON SATIN (Chicago)
 KENNETH EDWARD SCHADE (Chicago)
 WILLIAM ARTHUR SCHAEFER (Wilmette)
 ALAN SHELDON SCHENK (Chicago)
 GLEN CURTIS SCHILLERSTROM (Naperville)
 ROBERT LEE SCHLOSSBERG (Chicago)
 RICHARD JOEL SENNEFF (Chicago)

HOWARD RONALD SERLIN (Chicago)	GENE LOWELL TEMKIN (Skokie)
JAMES FREDERICK SHANNON (Glenview)	WILLIAM HENRY TOATES III (Western Springs)
GAIL ALLEN SHAW (Oak Park)	HUGH FRANCIS TONER, JR. (Chicago)
HOWARD ALBERT SIKORSKI (Chicago)	JAY DALTON VENATTA (Lerna)
WILBUR ERIC SILVERMAN (Chicago)	KENNETH MICHAEL VIERCK (Park Forest)
YALE GERALD SIMON (Chicago)	ALBERT CLARENCE WAGNER (Chicago)
ROBERT MICHAEL SIMONDS (Chicago)	KENNETH CLARENCE WAGNER (Zurich)
ADOLPH LEO SITKIEWICZ (Chicago)	DONALD AAFLEI WALDMAN (Chicago)
JAMES LEONARD SLOVICK (Evanston)	PAUL RICHARD WALSH (Glenview)
DONALD ALLEN SMITH (Chatham)	JERROLD JAY WEINSTEIN (Chicago)
JOHN FORSTER SONDEREGGER (Arlington Heights)	ROBERT WELCING (Forest Park)
DONALD JOHN STADFELD (Wauconda)	WALTER CHARLES WEST (Broadview)
LAWRENCE JAY STALLMAN (Chicago)	ALVIN ADOLPH WESTMAN (Rockford)
WILLIAM LAURENCE STANFORD (Dolton)	JAMES ARTHUR WIESE (La Grange)
FRANK JOHN STRACHOTA (North Riverside)	WILLIAM GEORGE WINDISCH (Chicago)
WARREN DAVID SUMMERS (Champaign)	KENNETH WOLF (Chicago)
STANLEY BRUCE TARR (Hinsdale)	CRAIG ELWYN WOOD (Rockford)
ARTHUR MELVIN TAUB (Niles)	PHILLIP ZEIDMAN (Wilmette)
JULIUS AARON TELEGATER (Chicago)	JAMES FRANCIS ZID (Chicago)

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
LLOYD KENNETH BARNWELL	Florissant, Missouri	Missouri
HAROLD CARL WILLIAM BOHLMANN	St. Louis, Missouri	Missouri
ROBERT EMMETT CROGHAN	Manchester, Missouri	Missouri
ALVIN JOHN GOERDT	Clinton, Iowa	Iowa
THOMAS ROY KLOMAN	Arlington Heights	District of Columbia
GEORGE JACK MOLL	University City, Missouri	Missouri
DONALD EUGENE RATTNER	Chicago	District of Columbia
EUGENE RICHARD STIERMAN	Dubuque, Iowa	Iowa
IRWIN WINKLER	Chicago	District of Columbia

I concur.

On motion of Mr. Hughes, these certificates were awarded.

APPOINTMENTS TO THE FACULTY

(3) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. BERNARD C. ABBOTT, Visiting Professor of Physiology, beginning January 1, 1962, at an annual salary rate of \$14,000 (E). This appointment is for the periods of January 1-June 15, 1962, and September 16, 1962-January 31, 1963. Present position: Associate Professor of Physiology, University of California, Los Angeles (since 1957).
2. WILLEM R. ADRIAANSZ, Assistant Professor of Music, beginning September 1, 1961, at an annual salary of \$6,500 (D). Present position: Teaching Assistant, University of California, Los Angeles (since 1960).
3. ARNON R. ALLEN, Assistant Professor of Agricultural Law, Department of Agricultural Economics, beginning September 1, 1961, at an annual salary of \$10,000 (DY). Present position: Assistant Professor, Extension Law, University of Wisconsin (since 1960).
4. KENNETH I. APPEL, Assistant Professor of Mathematics, beginning September 1, 1961, at an annual salary of \$8,500 (B). Present position: Mathematician, Institute for Defense Analyses, Princeton, New Jersey (since 1959).

5. TWILEY W. BARKER, JR., Visiting Associate Professor of Political Science, beginning September 1, 1961, at an annual salary of \$9,000 (D). Present position: Professor of Political Science, Southern University, Baton Rouge, Louisiana (since 1958).
6. DELMOND N. BENNETT, Assistant Professor of Speech and Theatre, beginning September 1, 1961, at an annual salary of \$6,500 (B). Present position: Instructor and Director of Speech and Hearing Clinic, North Dakota State University, Fargo, North Dakota (since 1959).
7. HOWARD K. BIRNBAUM, Associate Professor of Physical Metallurgy, Department of Mining, Metallurgy, and Petroleum Engineering, beginning September 1, 1961, at an annual salary of \$9,000 (A50; D50). Present position: Assistant Professor, University of Chicago (since 1959).
8. RICHARD J. COLWELL, Assistant Professor of Music, Assistant Professor of Education, and Counselor, University Council on Teacher Education, beginning September 1, 1961, at an annual salary of \$8,000 (B). Present position: Associate Professor, Eastern Montana College (since 1957).
9. MARVIN CORNBLATH, Associate Professor of Pediatrics, College of Medicine, beginning September 1, 1961, at an annual salary of \$18,000 (DY). Present position: Assistant Chairman, Division of Pediatrics, Michael Reese Hospital (since 1959) and Associate Professor of Pediatrics, Northwestern University (since 1960).
10. CLARENCE F. DECKER, Assistant Professor of Biological Chemistry, College of Medicine, beginning September 1, 1961, without salary (DY). Present position: Biochemist, Endocrinology Section, Presbyterian-St. Luke's Hospital (since April 1, 1961).
11. ELAM L. DENHAM, Assistant Professor of Architecture, beginning September 1, 1961, at an annual salary of \$7,000 (B). Present position: Designer and Draftsman, Brown, Lawford, and Forbes, Architects, New York City (since 1960).
12. BLAINE E. EDLEFSEN, Assistant Professor of Music, beginning September 1, 1961, at an annual salary of \$6,700 (D). Present position: Instructor and Coordinator of Music Theory and Music Appreciation Courses, Hochstein School of Music, Rochester, New York (since 1960).
13. WILLIAM LEONARD FASH, Assistant Professor of Architecture, beginning September 1, 1961, at an annual salary of \$7,500 (D). Present position: Recently returned from Fulbright fellowship in Europe.
14. MARTIN E. FISHBEIN, Assistant Professor of Psychology and Research Assistant Professor in the Institute of Communications Research, beginning September 1, 1961, at an annual salary of \$7,000 (B). Present position: Research Assistant, University of California, Los Angeles (since 1957).
15. HERBERT GAMBERG, Assistant Professor of Sociology and in the Office of Community Development, beginning September 1, 1961, at an annual salary of \$8,000 (BY). Present position: Instructor, University of Pennsylvania (since 1960).
16. GERTRUDE SMITH GREENWOOD, Visiting Professor of Classics, beginning September 1, 1961, at an annual salary of \$12,000 (D). Present position: Professor of Greek, *Emerita*, University of Chicago (since 1960).
17. NASON E. HALL, JR., Assistant Professor of Sociology and in the Office of Community Development, beginning September 1, 1961, at an annual salary of \$8,000 (BY). Present position: Graduate Student, University of California, Los Angeles (since 1956).
18. MARY ELIZABETH HAMSTROM, Associate Professor of Mathematics, beginning September 1, 1961, at an annual salary of \$9,000 (A). Present position: Associate Professor, Goucher College (since 1957).
19. ELOISE KNAPP HAY, Assistant Professor of English, Division of Humanities, Chicago Undergraduate Division, beginning September 1, 1961, on one-half time, at an annual salary of \$3,250 (B50). Present position: Housewife.
20. GEORGE A. HOLMES, Assistant Professor of Clinical Dentistry, beginning September 1, 1961, on three-tenths time, at an annual salary of \$2,400 (BY30). Present position: General practice of dentistry (since 1933).
21. JERRY F. HOUGH, Assistant Professor of Political Science, beginning September 1, 1961, at an annual salary of \$6,500 (B). Present position: Associate, Russian Research Center, Harvard University (since 1960).
22. E. ATLEE JACKSON, Assistant Professor of Mechanical and Industrial Engi-

- neering, beginning September 1, 1961, at an annual salary of \$9,000 (D). Present position: Research Staff Member, Princeton University (since 1959).
23. LEO PHILIP KADANOFF, Assistant Professor of Physics, for the second semester of 1961-62, at a salary of \$3,750 (D). Present position: National Science Foundation Postdoctoral Fellow (since 1960).
 24. INGA KROMANN KELLY, Assistant Professor of Education, beginning September 1, 1961, on two-thirds time, at an annual salary of \$5,000 (D67). Present position: Assistant Professor, University of Rochester (since 1959).
 25. ROBERTO KUGUEL, Visiting Research Assistant Professor of Theoretical and Applied Mechanics, for the period November 1, 1961, through March 31, 1962, at a salary of \$3,611 (G). Present position: Research Professor, University of La Plata, Argentina (since March 1, 1961).
 26. PIOTR WITOLD MIKULSKI, Assistant Professor of Mathematics, beginning September 1, 1961, at an annual salary of \$7,500 (D). Present position: Teaching Assistant, University of California, Berkeley (since 1958).
 27. GEORGE HUNTER MILEY II, Assistant Professor of Nuclear Engineering, beginning September 1, 1961, at an annual salary of \$8,000 (B). Present position: Nuclear Engineer, General Electric, Schenectady, New York (since 1960).
 28. NATHAN JOSEPH OLIVEIRA, Visiting Professor of Art, for the academic year, 1961-62, at a salary of \$10,000 (E). Present position: Head of the Graphic Art Department, California School of Fine Arts, San Francisco (since 1955) and Artist and Visiting Lecturer, California College of Arts and Crafts (since 1960).
 29. FRANKLIN D. REEVE, Associate Professor of Russian, beginning September 1, 1961, at an annual salary of \$11,000 (A); on leave without pay from September 1, 1961, through December 31, 1961. Present position: Assistant Professor of Russian, Columbia University (since 1958).¹
 30. THEODORE JUSTIN ROWLAND, Professor of Physical Metallurgy, Department of Mining, Metallurgy, and Petroleum Engineering, beginning September 1, 1961, at an annual salary of \$11,000 (A50; D50). Present position: Research Physicist, Union Carbide Metals Company, Niagara Falls, New York (since 1954).
 31. JOHN ANTHONY ROY, Assistant Professor of Art, beginning September 1, 1961, at an annual salary of \$6,500 (B). Present position: Color and Design Consultant, Munson and Mallis, Architects and Engineers, Springfield, Massachusetts (since 1960).
 32. CAMERON B. SATTERTHWAITE, Associate Professor of Physics and Research Associate Professor in the Coordinated Science Laboratory, beginning September 1, 1961, at an annual salary of \$15,000 (AY; DY). Present position: Advisory Physicist, Westinghouse Electric Company (since July 1, 1961).
 33. HERBERT I. SCHILLER, Visiting Research Associate Professor, Bureau of Economic and Business Research, for one year from September 1, 1961, at an annual salary of \$11,000 (DY). Present position: Associate Professor, Pratt Institute, Brooklyn, New York (since 1950).
 34. LILY SESHU, Visiting Assistant Professor of Mathematics, for one year from September 1, 1961, at an annual salary of \$7,500 (D). Present position: Assistant Professor, Harpur College, Binghamton, New York (since 1960).
 35. ALICE HELEN STRENG, Visiting Professor of Education, Institute for Research on Exceptional Children, for nine months from September 16, 1961, at a salary of \$10,000 (E). Present position: Professor, Wisconsin State College at Milwaukee, now the University of Wisconsin at Milwaukee (since 1933).
 36. ROY N. VAN ARSDALL, Professor of Agricultural Economics, for one year from September 1, 1961, on one-fourth time, at a salary of \$3,200 (DY25). Present position: Agricultural Economist, Agricultural Research Service, United States Department of Agriculture, at the University of Illinois (since 1949).
 37. THEIN WAH, Associate Professor of Structural Engineering, assigned to the Indian Institute of Technology, under the University's contract with the International Cooperation Administration, from September 1, 1961, through September 14, 1962, at an annual salary of \$14,000 (FY). Present position: Senior Research Engineer, Southwest Research Institute, San Antonio, Texas (since 1957).

¹ This appointment was subsequently cancelled due to his decision not to accept the position. — Secretary's Note.

38. JOHN HARRIS WALTER, Associate Professor of Mathematics, beginning September 1, 1961, at an annual salary of \$9,000 (A). Present position: Visiting Assistant Professor, University of Chicago (since 1960).
39. LESTER WINSBERG, Professor of Physics, Chicago Undergraduate Division, for one year from September 1, 1961, on one-third time, at an annual salary of \$3,000 (D33). Present position: Research Staff Member, Argonne National Laboratory (since 1960).

On motion of Mr. Swain, these appointments were confirmed.

NONSALARIED FACULTY OF THE COLLEGE OF MEDICINE. 1961-62

(4) I present the following list of appointments to the nonsalaried faculty of the College of Medicine for the academic year beginning September 1, 1961.

New appointments, reappointments of Assistant Professors, Instructors, and Assistants who are on limited tenure, and Professors and Associate Professors who are continuing on the staff are included to present a complete listing.

On motion of Mr. Johnston, these appointments were approved as listed below.

Summary		
Department	1960-61	1961-62
Anatomy.....	8 (1)	6 (1)*
Biological Chemistry.....	8	12
Clinical Science.....	6	...
Dermatology.....	23 (1)	23 (2)
Medical Social Work.....	3	2
Medicine.....	284 (21)	295 (24)
Microbiology.....	3 (1)	4 (1)
Neurology and Neurological Surgery.....	12	12
Obstetrics and Gynecology.....	96 (4)	95 (2)
Ophthalmology.....	69 (5)	64 (4)
Orthopaedic Surgery.....	32 (1)	30 (2)
Otolaryngology.....	67 (6)	68 (6)
Pathology.....	38 (2)	38 (2)
Pediatrics.....	58 (6)	62 (6)
Pharmacology.....	2	2
Physical Medicine and Rehabilitation.....	2	3
Physiology.....	4	3
Preventive Medicine.....	7 (1)	11 (1)
Psychiatry.....	102 (3)	123 (2)
Public Health.....	8	7
Radiology.....	27	27
Surgery (including Urology and Anesthesiology).....	218 (11)	220 (11)
Total.....	1 077 (63)	1 107 (64)

Anatomy

GUSTAV L. ZECHEL, Lecturer with rank of Associate Professor, *Emeritus*
 PHILIP CASELLA, Clinical Assistant Professor
 ARTHUR F. CIPOLLA, Clinical Assistant Professor
 LAWRENCE G. KHEDROO, Clinical Assistant Professor
 RICHARD H. LICATA, Assistant Professor (eight months from January 1, 1962)
 FRANK A. VICARI, Clinical Assistant Professor

Biological Chemistry

MAX K. HORWITT, Associate Professor
 MAX E. RAFELSON, JR., Associate Professor
 RICHARD D. COLEMAN, Assistant Professor
 ALVIN DUBIN, Assistant Professor
 ALVIN J. GLASKY, Assistant Professor
 TOHRU INOUE, Assistant Professor

* The figures in parentheses indicate the number of emeritus members.

IRVING LYON, Assistant Professor
 HERMANN G. MATTENHEIMER, Assistant Professor
 HOWARD N. SKY-PECK, Assistant Professor
 GORDON S. STEWART, Assistant Professor
 ROBERT HANSEN, Instructor
 CHARLES F. LANGE, Instructor

Dermatology

JAMES H. MITCHELL, Clinical Professor (Rush), *Emeritus*¹
 LEONARD F. WEBER, Clinical Professor
 ALFRED B. FALK, Clinical Associate Professor
 CLARK W. FINNERUD, Clinical Associate Professor (Rush), *Emeritus*
 PAUL R. GRIFFITH, Clinical Associate Professor
 JOHN B. HAEBERLIN, Clinical Associate Professor
 IRENE NEUHAUSER, Clinical Associate Professor
 MILTON ROBIN, Clinical Associate Professor
 ALBERT H. SLEPYAN, Clinical Associate Professor
 SIDNEY BARSKY, Clinical Assistant Professor
 SAMUEL W. BECKER, JR., Clinical Assistant Professor
 STEFAN BIELINSKI, Clinical Assistant Professor
 IRVING H. DISTELHEIM, Clinical Assistant Professor
 KATHLEEN B. MUIR, Clinical Assistant Professor
 ALLEN S. PEARL, JR., Clinical Assistant Professor
 LOUIS RUBIN, Clinical Assistant Professor
 BERNARD YAFFE, Clinical Assistant Professor
 RICHARD OLIVER, Clinical Associate
 EDWIN M. SMITH, Clinical Associate
 IRMA ALESHIRE, Clinical Instructor
 HAROLD M. SPINKA, Clinical Instructor
 JACK M. FOX, Assistant
 WILFRIED L. SCHMEROLD, Clinical Assistant

Medical Social Work

JOSEPHINE G. TAYLOR, Assistant Professor
 NANCY V. GILSON, Instructor

Medicine

WALTER C. ALVAREZ, Lecturer with rank of Professor, *Emeritus*
 AARON ARKIN, Clinical Professor (Rush), *Emeritus*
 MORRIS FISHBEIN, Lecturer with rank of Professor (Rush), *Emeritus*
 ELLIS B. FREILICH, Clinical Professor, *Emeritus*
 WILLIAM G. HIBBS, Clinical Professor (Rush), *Emeritus*
 FRANK B. KELLY, Clinical Professor (Rush), *Emeritus*
 WILBER E. POST, Clinical Professor (Rush), *Emeritus*
 SIDNEY STRAUSS, Clinical Professor, *Emeritus*
 WILLIAM A. THOMAS, Clinical Professor (Rush), *Emeritus*
 ALBERT VANDERKLOOT, Clinical Professor, *Emeritus*
 JAMES A. CAMPBELL, Professor
 JAMES B. EYERLY, Clinical Professor (Rush)
 WILLIAM S. HOFFMAN, Lecturer with rank of Professor
 HAROLD C. LUETH, Clinical Professor
 KARL H. PFUETZE, Clinical Professor
 BEN Z. RAFFAPORT, Clinical Professor
 THEODORE B. SCHWARTZ, Professor
 BENJAMIN GOLDBERG, Clinical Associate Professor, *Emeritus*
 ALVA A. KNIGHT, Clinical Associate Professor (Rush), *Emeritus*

¹ The designation (Rush) in a title is used to identify former members of the Rush Medical College faculty who were taken over by the University in 1941 as part of the affiliation with the Presbyterian Hospital by authority of the Board of Trustees.

² Also Resident at Research and Educational Hospitals.

³ Also Resident at Presbyterian-St. Luke's Hospital.

⁴ Also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary.

⁵ Also Resident at Research and Educational Hospitals, assigned to Institute of Juvenile Research.

⁶ Also Resident at Cook County Hospital.

FRANK B. LUSK, Clinical Associate Professor, *Emeritus*
SAMUEL PERLSTEIN, Clinical Associate Professor, *Emeritus*
HOWARD M. SHEAFF, Clinical Associate Professor (Rush), *Emeritus*
HOWARD WAKEFIELD, Clinical Associate Professor, *Emeritus*
MELVIN L. AFREMOW, Clinical Associate Professor
EVAN M. BARTON, Clinical Associate Professor (Rush)
ARTHUR BERNSTEIN, Clinical Associate Professor
HERBERT C. BREUHAUS, Clinical Associate Professor (Rush)
GEORGE V. BYFIELD, Clinical Associate Professor
RICHARD B. CAPPS, Clinical Associate Professor
THOMAS J. COOGAN, Clinical Associate Professor
LOUIS FELDMAN, Clinical Associate Professor
JACOB W. FISCHER, Clinical Associate Professor
MURRAY FRANKLIN, Clinical Associate Professor
JOHN S. GRAETTINGER, Associate Professor
EARLE GRAY, Clinical Associate Professor (Rush)
PAUL HELLER, Associate Professor
EDWIN N. IRONS, Clinical Associate Professor
ROY J. KORN, Associate Professor
ROBERT O. LEVITT, Clinical Associate Professor
MEYER R. LICHTENSTEIN, Clinical Associate Professor
ARMAND LITTMAN, Associate Professor
CLAYTON J. LUNDY, Clinical Associate Professor (Rush)
J. CHARLES McMILLAN, JR., Clinical Associate Professor
MILTON M. MOSKO, Clinical Associate Professor
JEROME T. PAUL, Clinical Associate Professor
OGLESBY PAUL, Clinical Associate Professor
ISADORE PILOT, Clinical Associate Professor
THEODORE Z. POLLEY, Clinical Associate Professor
EUGENE J. RANKE, Clinical Associate Professor
SAMUEL H. ROSENBLUM, Clinical Associate Professor
WILLIAM SAPHIR, Clinical Associate Professor
ARMIN F. SCHLICK, Clinical Associate Professor (Rush)
JAMES A. SCHOENBERGER, Clinical Associate Professor
MITCHELL A. SPELLBERG, Clinical Associate Professor
IRVING E. STECK, Clinical Associate Professor
GEORGE W. STUPPY, Clinical Associate Professor (Rush)
EUGENE F. TRAUT, Clinical Associate Professor (Rush)
RALPH W. TRIMMER, Clinical Associate Professor (Rush)
FRANK E. TROBAUGH, JR., Associate Professor
WILLARD L. WOOD, Clinical Associate Professor (Rush)
LEO E. AMTMAN, Clinical Assistant Professor, *Emeritus*
JOHN A. GARDINER, Clinical Assistant Professor (Rush), *Emeritus*
BENJAMIN H. HILKEVITCH, Clinical Assistant Professor (Rush), *Emeritus*
GRANT H. LAING, Clinical Assistant Professor, *Emeritus*
OSMUND H. AKRE, Clinical Assistant Professor
DAVID BALDWIN, Clinical Assistant Professor
RAY F. BEERS, JR., Clinical Assistant Professor
MAX BERG, Clinical Assistant Professor
LIONEL M. BERNSTEIN, Assistant Professor
GEORGE H. BERRYMAN, Clinical Assistant Professor
ALBIN M. BRIKEY, JR., Clinical Assistant Professor
DAVID BRONSKY, Clinical Assistant Professor
RALPH G. BROWN, Clinical Assistant Professor
MELVIN M. CHERTACK, Clinical Assistant Professor
CHESTER COGGESHALL, Clinical Assistant Professor
ANGELO P. CRETICOS, Clinical Assistant Professor
HUGO O. DEUSS, Lecturer with rank of Assistant Professor
JOHN A. DETWEILER, Clinical Instructor
HENRY D. DEYOUNG, Clinical Assistant Professor
ROBERT E. FELIX, Clinical Assistant Professor
BENJAMIN W. FOX, Clinical Assistant Professor
SANFORD A. FRANZBLAU, Clinical Assistant Professor

GERHARD FREUND, Clinical Assistant Professor
RAYMOND M. GALT, Clinical Assistant Professor
MORTON A. GOLDMANN, Clinical Assistant Professor
ROLF GUNNAR, Clinical Assistant Professor
AARON GUNTHER, Clinical Assistant Professor
BUPFORD HALL, Clinical Assistant Professor
WILLIAM J. HAND, Clinical Assistant Professor
HARRY L. HUNTER, Clinical Assistant Professor
FRANK W. JONES, Clinical Assistant Professor
PHILIP N. JONES, Clinical Assistant Professor
ERVIN KAPLAN, Clinical Assistant Professor
ROLAND L. KESLER, Clinical Assistant Professor (Rush)
JANET R. KINNEY, Clinical Assistant Professor
WALLACE W. KIRKLAND, JR., Clinical Assistant Professor
SYDNEY KOFMAN, Assistant Professor
SHELDON E. KRASNOW, Clinical Assistant Professor
JULES H. LAST, Clinical Assistant Professor
CHARLES H. LAWRENCE, Clinical Assistant Professor
HERMAN A. LEVY, Clinical Assistant Professor
JEROME S. MEHLMAN, Clinical Assistant Professor
ROBERT C. MUEHRCKE, Clinical Assistant Professor
JOSEPH J. MUENSTER, JR., Assistant Professor
JOHN R. NECHELES, Clinical Assistant Professor
BERTRAM G. NELSON, Clinical Assistant Professor (Rush)
LAWRENCE PERLMAN, Clinical Assistant Professor
VICTOR E. POLLAK, Research Assistant Professor
ROBERT M. POSKE, Clinical Assistant Professor
JOHN POST, Clinical Assistant Professor (Rush)
OLDRICH PREC, Lecturer with rank of Assistant Professor
MARJORIE M. PYLE, Clinical Assistant Professor
PAUL RAVENNA, Clinical Assistant Professor
ALFRED H. ROSENBLUM, Clinical Assistant Professor
ALEXANDER N. RUGGIE, Clinical Assistant Professor
ANTHONY R. SAPIENZA, Clinical Assistant Professor
HAROLD SCHOOLMAN, Clinical Assistant Professor
JOHN T. SHARP, Clinical Assistant Professor
ROBERT E. SLAYTON, Clinical Assistant Professor
ELIZABETH K. STRAUS, Lecturer with rank of Assistant Professor (Rush)
GRAHAM A. VANCE, Clinical Assistant Professor
SEYMOUR W. WEISBERG, Clinical Assistant Professor
GERALD A. WILLIAMS, Clinical Assistant Professor
EDWARD J. WISS, Clinical Assistant Professor
ALEXANDER WOLF, Clinical Assistant Professor
CHARLES K. WOLFE, JR., Clinical Assistant Professor
SIMON ZIVIN, Clinical Assistant Professor
LUKE J. GRIMELLI, Clinical Associate, *Emeritus*
EUGENE GROSZ, Clinical Associate, *Emeritus*
ROBERT N. HEDGES, Clinical Associate, *Emeritus*
J. LISLE WILLIAMS, Associate, *Emeritus*
GEORGE P. BALLARD, Clinical Associate
ROBERT J. BECKER, Clinical Associate
G. WILLIAM COTTS, Clinical Associate
JOSEPH A. DAVIS, Clinical Associate
MICHAEL M. DIGILIO, Clinical Associate
DONALD T. FOXWORTHY, Clinical Associate
ROBERT C. FRUIN, Clinical Associate
CARL A. HEDBLUM, JR., Clinical Associate
WILLIAM H. HIGHSTONE, Clinical Associate
WALTER F. HOEPPNER, Clinical Associate
BENJAMIN M. KAPLAN, Clinical Associate
WILLIAM J. KIRBY, Clinical Associate (Rush)
BRUCE D. LEE, Clinical Associate
AUDLEY R. MAMBY, Clinical Associate

THOMAS MORRISON, Clinical Associate
LESTER A. NALEFSKI, Clinical Associate
DONALD E. O'BRIEN, Clinical Associate
RIGBY C. ROSKELLEY, Clinical Associate
SEYMOUR R. SALBERG, Clinical Associate
RALPH A. SCALA, Clinical Associate
JEROME F. STRAUSS, JR., Clinical Associate
DONALD W. TARUN, Clinical Associate
CHESTER B. THRIFT, Clinical Associate
CHARLES S. VIL, Clinical Associate
MAURICE M. ALBALA, Clinical Instructor
EARL T. ANDERSON, Instructor (one year from July 1, 1961)
BERTHE E. ARMSTRONG, Clinical Instructor
FRANK O. BECKER, Instructor (one year from July 1, 1961)^a
SAMUEL BERGER, Clinical Instructor
HERBERT E. BESSINGER, Clinical Instructor
WILLIAM E. BRETZ, Clinical Instructor
WILLIAM C. BROWN, Clinical Instructor
FRANK C. CARTER, Clinical Instructor
NEIL S. CHERNIACK, Instructor (one year from July 1, 1961)^a
JOHN L. CIRZAN, Clinical Instructor
WILLIAM CLAY, Clinical Instructor
THOMAS D. DALE, JR., Clinical Instructor
ROBERT E. DEDMON, Instructor (one year from July 1, 1961)
GEORGE A. DEJONG, Clinical Instructor
ROBERT L. DEVETSKI, Instructor (one year from July 1, 1961)^a
JAMES E. DILL, Clinical Instructor
DEAN F. DIMICK, Clinical Instructor
PETER G. ECONOMOU, Instructor (one year from July 1, 1961)
JOHN R. ERICKSON, Clinical Instructor
MIGUEL A. ESCOBAR, Instructor (one year from July 1, 1961)
PETER J. FARAGO, Clinical Instructor
WILLIAM E. FISHMAN, Clinical Instructor
THOMAS J. FITZPATRICK, Clinical Instructor
GEORGE C. FLANAGAN, Instructor (fourteen months from July 1, 1961)
JOHN E. FORAN, Clinical Instructor
RICHARD P. FOTH, Instructor (one year from July 1, 1961)^a
RONALD E. FOX, Clinical Instructor
WILLIAM I. FREUD, Clinical Instructor
RAIMONDS G. GAILITIS, Clinical Instructor
WILLIAM R. GARR, Clinical Instructor
CARL A. GEBUHR, Clinical Instructor
IRVING GREENSPAN, Clinical Instructor
EDWARD K. GRIFFITHS, Clinical Instructor
THOMAS H. HAYES, Clinical Instructor
ROBERT N. HEDGES, JR., Clinical Instructor
JOHN P. HENRY, Clinical Instructor
ROBERT L. HERTING, Clinical Instructor
ALIEN HOFFMAN, Clinical Instructor
ALBERT W. HOLMES, JR., Instructor (one year from July 1, 1961)^a
NATHAN J. IGLITZEN, Clinical Instructor
MOHAMMAD INAYATULLAH, Instructor (one year from July 1, 1961)
MELUTE A. INDREIKA, Clinical Instructor
RODNEY A. JAMIESON, Clinical Instructor
HAROLD L. JENSEN, Clinical Instructor
LOUIS C. JOHNSTON, Clinical Instructor
JOHN C. JONES, Clinical Instructor
IRENE G. KAGANIEC, Clinical Instructor
SHELDON M. KAHN, Instructor (three months from October 1, 1961)^a
ROBERT S. KASSRIEL, Clinical Instructor
FRANK B. KELLY, JR., Clinical Instructor
ROGER P. KENNEDY, Instructor (one year from July 1, 1961)^a
JOHN C. KULIS, Clinical Instructor

JOHN M. LEEDOM, Instructor (one year from July 1, 1961)²
JERRY P. LEWIS, Instructor (one year from July 1, 1961)²
RANDALL L. MANN, Clinical Instructor
JULIO MARSI, Clinical Instructor
SAMUEL MATLIN, Clinical Instructor
PETER S. MAYER, Clinical Instructor
WILLIAM R. McCABE, Instructor
VIDVUDS MEDENIS, Clinical Instructor
PAUL A. MEREDITH, Clinical Instructor
MORGAN M. MEYER, Clinical Instructor
HOWARD A. MUELLER, Instructor (one year from July 1, 1961)²
JEROME E. NEUSTADT, Clinical Instructor
JOSEPH R. NORA, Clinical Instructor
ROBERT F. O'BOYLE, Instructor (one year from July 1, 1961)²
JOSHUA ODEN, JR., Clinical Instructor
LEONARD OHRINGER, Clinical Instructor
RALPH PACINI, Clinical Instructor
LUBEN C. PENEV, Clinical Instructor
CHARLES P. PERLIA, Instructor
WILLIAM H. PHELAN, Clinical Instructor
FRANK E. PRESTIPINO, Clinical Instructor
GLOUCESTER A. PRICE, JR., Clinical Instructor
PETER PULOS, Clinical Instructor
ANITA ROBBINS, Clinical Instructor
DEAN S. ROSSET, Clinical Instructor
G. STEPHEN SCHOLLY, Instructor (one year from July 1, 1961)²
ROGER R. SCHUESSLER, Clinical Instructor (fourteen months from July 1, 1961)
WILLIAM K. SCUPHAM, Clinical Instructor
VITOLDS R. SILINS, Instructor (fourteen months from July 1, 1961)
JAY SILVERMAN, Instructor (one year from July 1, 1961)
MARSHALL J. SNAPP, Clinical Instructor
WILLIAM R. STARR, Clinical Instructor
HARRY B. STONE, Clinical Instructor
MARIAN S. TARZYNSKI, Clinical Instructor
KASRIEL TAUSK, Clinical Instructor
RAYMOND TEPLITZ, Clinical Instructor
ANGELO TOIGO, Clinical Instructor
ALSTON C. TWISS, Clinical Instructor
EARL A. VONDRASEK, Clinical Instructor
PAUL L. WINTER, Clinical Instructor (fourteen months from July 1, 1961)
JAMES K. ZVETINA, Clinical Instructor
WARREN C. BARROW, Assistant (one year from July 1, 1961)²
JOHN D. BEST, Assistant (one year from July 1, 1961)²
BERNARD B. BLAAUW, Assistant (one year from July 1, 1961)²
PHILIP E. BLATT, Assistant (one year from July 1, 1961)²
HELEN BONBREST, Assistant (one year from July 1, 1961)²
ALLEN F. BOWYER, Assistant (one year from July 1, 1961)²
KENNETH D. BRANDT, Assistant (one year from July 1, 1961)²
JOSEPH T. BRANIT, Clinical Assistant
JOSEPH D. CECE, Clinical Assistant
JAMES G. CLARK, Assistant (one year from July 1, 1961)²
ROBERT E. DAMPTZ, Assistant (one year from July 1, 1961)²
DONALD R. DARLING, Clinical Assistant (on leave of absence for military service)
RUDOLF DONATH, Assistant (one year from July 1, 1961)²
HUGH A. EDMONDSON, JR., Clinical Assistant
JAMES W. ERLNBORN, Clinical Assistant
WILLIAM M. HAMBY, Clinical Assistant
PAUL K. HANASHIRO, Assistant (one year from July 1, 1961)²
LAWRENCE D. KARTUN, Clinical Assistant
NICHOLAS KEFALIDES, Assistant (one year from July 1, 1961)²
WILLIAM J. KRISTY, Clinical Assistant
JOHN LOCKHART, Assistant (one year from July 1, 1961)²
GORDON D. LUCAS, Assistant (one year from July 1, 1961)²

PATRICIA A. MCCREARY, Clinical Assistant
 NILANDINO A. ODDIS, Clinical Assistant
 ROSS G. OLSON, Assistant (one year from July 1, 1961)²
 JOHN PERKINS, Assistant (one year from July 1, 1961)²
 RONALD R. REED, Clinical Assistant
 ELIZABETH F. RICHARDSON, Assistant (one year from July 1, 1961)²
 MARVIN S. ROSENBERG, Assistant (one year from July 1, 1961)
 DAVID SACKETT, Assistant (one year from July 1, 1961)²
 BOHUMIL A. SAMAL, Assistant (one year from July 1, 1961)²
 RICHARD J. SASSETTI, Assistant (one year from July 1, 1961)²
 BRUCE G. SAVILLE, Assistant (one year from July 1, 1961)²
 ANTHONY M. SCARDINO, Clinical Assistant (on leave of absence for military service)
 JOSEPH V. SIMONE, Assistant (one year from July 1, 1961)²
 RICHARD D. SPELLBERG, Assistant (one year from July 1, 1961)²
 ALF M. TANNENBERG, Assistant (one year from July 1, 1961)²
 JORDAN D. WAXMAN, Assistant (one year from July 1, 1961)²
 ISAAC WEISZER, Assistant (one year from July 1, 1961)²
 EDMUND M. ZIOLKOWSKI, Research Assistant

Microbiology

FRIEDRICH W. DEINHARDT, Associate Professor
 GEORGE F. FORSTER, Lecturer with rank of Assistant Professor
 RALPH H. HUBBLE, Lecturer with rank of Instructor
 ELTA W. KNOLL, Assistant, *Emerita*

Neurology and Neurological Surgery

LOREN W. AVERY, Clinical Professor (Rush)
 ARTHUR ARNOLD, Clinical Assistant Professor
 RICHARD O. BURNS, JR., Clinical Instructor
 NATHAN ZOLT, Clinical Associate
 VIRGINIA R. SORUM, Clinical Instructor
 PHILIPP M. LIPPE, Assistant²
 DIEGO MONTEVERDE, Assistant²
 KAMAL SADJAPOUR, Assistant²
 ELI TOBIAS, Assistant²
 GORO TSUCHIYA, Assistant²
 LYLE E. WACASER, Assistant²
 WALTER WHISLER, Assistant (one year from July 1, 1961)²

Obstetrics and Gynecology

EDWARD D. ALLEN, Clinical Professor (Rush), *Emeritus*
 HARRY BOYSEN, Clinical Professor (Rush)
 EUGENE A. EDWARDS, Clinical Professor
 ABRAHAM F. LASH, Clinical Professor
 RICHARD H. ANDRESEN, Clinical Associate Professor
 JAMES P. FITZGIBBONS, Clinical Associate Professor
 ARTHUR H. KLAUANS, Clinical Associate Professor (Rush)
 ALFRED J. KOBAK, Clinical Associate Professor
 RICHARD A. LIFVENDAHL, Clinical Associate Professor
 FRED O. PRIEST, Clinical Associate Professor (Rush)
 GEORGE H. REZEK, Clinical Associate Professor
 HARRY K. WADDINGTON, Clinical Associate Professor
 JOHN R. WOLFF, Clinical Associate Professor
 HARRY SERED, Clinical Assistant Professor, *Emeritus*
 HUGO C. BAUM, Clinical Assistant Professor (Rush)
 ROBERT A. BEEBE, Clinical Assistant Professor
 SOL J. BENENSOHN, Clinical Assistant Professor
 MICHAEL H. BOLEY, Clinical Assistant Professor
 CLAIR M. CAREY, Clinical Assistant Professor
 AUGUST F. DARO, Clinical Assistant Professor
 SOL T. DELEE, Clinical Assistant Professor
 VINCENT S. DIGIULIO, Clinical Assistant Professor

CECIL DRAA, Clinical Assistant Professor (Rush)
DEANE M. FARLEY, Clinical Assistant Professor
GEORGE C. FINOLA, Clinical Assistant Professor
WILLIAM F. GEITTMANN, Clinical Assistant Professor
RALPH L. GIBSON, Clinical Assistant Professor
ROBERT J. GLENNER, Clinical Assistant Professor
JOHN P. HARROD, JR., Clinical Assistant Professor
CHARLES J. HEIBERGER, Clinical Assistant Professor
BERNARD M. KAYE, Clinical Assistant Professor
CHARLES D. KRAUSE, Clinical Assistant Professor
VINCENT A. LAVIERI, Clinical Assistant Professor
ROCCO V. LOBRAICO, Clinical Assistant Professor
JOHN S. LONG, Clinical Assistant Professor
ARMAND J. MAUZEY, Clinical Assistant Professor
JOHN W. PAYNE, Clinical Assistant Professor
LOWELL F. PETERSON, Clinical Assistant Professor
FREDERICK J. ROOS, Clinical Assistant Professor
SEYMOUR SHOLDER, Clinical Assistant Professor
C. OTIS SMITH, Clinical Assistant Professor
MARUEL SPIEGEL, Clinical Assistant Professor
ROBERT C. STEPTO, Clinical Assistant Professor
JOSEPH B. TETON, Clinical Assistant Professor
VASIL TRUCHLY, Clinical Assistant Professor
FRANK J. WALSH, Clinical Assistant Professor
JOSEPH S. ANGELL, Clinical Instructor
JOHN F. BARTELS, Clinical Instructor
DONALD M. FAHRENBACH, Clinical Instructor
EDWIN L. FALLOON, Clinical Instructor
WILLIAM A. GILLINGER, Instructor (one year from July 1, 1961)²
JAMES A. GOLDENSTEIN, Instructor (one year from July 1, 1961)²
HARVEY A. GOLLIN, Clinical Instructor
JOHN S. KARAMITSOS, Instructor (one year from July 1, 1961)²
JOHN R. KOSTELNY, Clinical Instructor
ALVIN LANGER, Instructor (one year from July 1, 1961)²
LAWRENCE LEVINE, Clinical Instructor
JOSEPH J. MULLEN, Clinical Instructor
EDWIN E. NYMAN, Clinical Instructor
DENES ORBAN, Instructor (one year from July 1, 1961)²
MICHAEL P. FILL, Clinical Instructor
MARVIN A. ROSNER, Clinical Instructor
MEYER D. RUTGARD, Clinical Instructor
JACK A. SAMPSON, Clinical Instructor
ROBERT G. STONE, Clinical Instructor
EDGAR B. SYLVESTER, Clinical Instructor
NATHAN TOLWINSKY, Clinical Instructor
NANCY C. TREADWELL, Clinical Instructor
GEORGE P. VLASIS, Clinical Instructor
LA VERNE M. WALLHEISER, Clinical Instructor
ALVIN F. WIERSMA, Clinical Instructor
BRUCE P. ZUMMO, Clinical Instructor
JOHN A. AIMONE, Clinical Assistant
KURT BOCHNER, Assistant (one year from July 1, 1961)²
GEORGE C. BONERTZ, Assistant (one year from July 1, 1961)²
DELOS E. COZAD, Clinical Assistant
ANDREW V. DAHLBERG, Clinical Assistant
EARL S. FULLER, Assistant (one year from July 1, 1961)²
WILLIAM M. GARDNER, Assistant (one year from July 1, 1961)²
ROGER A. GOETZ, Assistant (one year from July 1, 1961)²
WILLIAM P. GORDON, JR., Assistant (one year from July 1, 1961)²
THOMAS HEJNA, Assistant (one year from July 1, 1961)²
MARIO A. IRIGOYEN, Clinical Assistant
ELMER J. JUSTEMA, Clinical Assistant
SIDNEY C. KAHN, Clinical Assistant

ANTHONY N. KENWICK, Clinical Assistant
 ROBERT J. LEE, Assistant (one year from July 1, 1961)²
 ROBERT H. OBERHELMAN, Clinical Assistant
 ADRIAN R. OLECK, Clinical Assistant
 RICHARD R. ROBIE, Assistant (one year from July 1, 1961)²
 GABRIEL A. RODRIGUEZ, Assistant (one year from July 1, 1961)²
 EUGENE D. ROTHENBERG, Assistant (one year from July 1, 1961)²
 IRVING SHIPKOWITZ, Assistant (one year from July 1, 1961)²
 LAWRENCE J. SYKORA, Clinical Assistant
 ROBERT C. WHITESITT, Assistant (one year from July 1, 1961)²

Ophthalmology

WILLIAM F. HUGHES, Clinical Professor
 WILLIAM F. MONCREIFF, Clinical Professor (Rush), *Emeritus*
 EARLE B. FOWLER, Clinical Associate Professor (Rush), *Emeritus*
 GEORGIANA D. THEOBALD, Clinical Associate Professor and Clinical Pathologist,
Emeritus
 CARL APPLE, Clinical Associate Professor
 JOSEPH S. HAAS, Clinical Associate Professor
 DANIEL SNYDACKER, Clinical Associate Professor
 THEODORE N. ZEKMAN, Clinical Associate Professor
 LOUIS FEINBERG, Clinical Assistant Professor
 ROBERT R. HERBST, Clinical Assistant Professor
 GILBERT ISER, Clinical Assistant Professor
 DAVID B. MAHER, Clinical Assistant Professor
 H. ISABELLE MCGARRY, Clinical Assistant Professor
 G. HENRY MUNDT, JR., Clinical Assistant Professor
 EDWARD A. PUSHKIN, Clinical Assistant Professor
 SAMUEL M. SCHALL, Clinical Assistant Professor
 KARL J. SCHERIBEL, Clinical Assistant Professor (Rush)
 MANUEL L. STILLERMAN, Clinical Assistant Professor
 MARTIN J. URIST, Clinical Assistant Professor
 WALTER L. BAYARD, Clinical Associate
 DAVID V. L. BROWN, Clinical Associate
 MICHAEL E. CARROLL, Clinical Associate
 WILLIAM E. DEUTSCH, Clinical Associate
 LEONA R. FORDON, Clinical Associate
 ALDONA A. JUSKA, Clinical Associate
 BURTON M. KRIMMER, Clinical Associate
 VERNON M. LEECH, Clinical Associate (Rush), *Emeritus*
 ARTHUR LIGHT, Clinical Associate
 ROBERT H. MURPHY, Clinical Associate
 VALDO P. OLEARI, Clinical Associate
 JUDITH V. PERRY, Clinical Associate
 BURTON A. RUSSMAN, Clinical Associate
 JOSEPH TATAR, Clinical Associate
 ALBERT E. TENNENBAUM, Clinical Associate
 KARL E. TICHO, Clinical Associate
 JACK TRESLEY, Clinical Associate
 VIVIAN A. CATION, Clinical Instructor
 GEORGE T. FITZGERALD, Clinical Instructor
 SHERWIN A. FOX, Clinical Instructor
 IRWIN MENACHOF, Clinical Instructor
 NORBERT J. NOWICKI, Clinical Instructor
 BARBARA SPIRO, Clinical Instructor
 HENRY S. WEISKOPF, Clinical Instructor
 DAVID C. WHITSELL, Clinical Instructor
 WILLIAM M. ADLER, Assistant (one year from July 1, 1961)²
 INEZ ATKINSON, Assistant (one year from July 1, 1961)⁴
 MICHAEL BELSON, Assistant (one year from July 1, 1961)²
 RICHARD E. BERGE, Assistant (one year from July 1, 1961)⁴
 JOHN CAIRNS, Assistant (one year from July 1, 1961)⁴
 T. EARLE DUKES, Assistant (one year from July 1, 1961)²

RONALD FISHMAN, Assistant (one year from July 1, 1961)⁴
 DONALD J. HOLZBERG, Assistant (one year from July 1, 1961)⁴
 JOEL KAPLAN, Assistant (one year from July 1, 1961)⁴
 WALTER KAHN, Assistant (one year from July 1, 1961)⁴
 WALTER KLEIS, Assistant (one year from July 1, 1961)⁴
 DAVID S. MCDANIEL, Assistant (one year from July 1, 1961)⁴
 FRANK MENDELBLATT, Assistant (one year from July 1, 1961)⁴
 RICHARD MILLER, Assistant (one year from July 1, 1961)⁴
 DELBERT P. NACHAZEL, Assistant (one year from July 1, 1961)⁴
 GEORGE H. RAAB, Assistant (one year from July 1, 1961)⁴
 MAURICE F. RABB, Assistant (one year from July 1, 1961)⁴
 JOSEPH M. ROBBINS, Assistant (one year from July 1, 1961)⁴
 RICHARD F. SCHWERDT, Assistant (one year from July 1, 1961)⁴
 RICHARD UNDERRINER, Assistant (one year from July 1, 1961)⁴

Orthopaedic Surgery

FRANK G. MURPHY, Clinical Associate Professor, *Emeritus*
 CARLO S. SCUDERI, Clinical Associate Professor of Orthopaedics
 FRED SHAPIRO, Clinical Associate Professor (Rush)
 HORACE E. TURNER, Clinical Assistant Professor, *Emeritus*
 THOMAS D. HALL, Clinical Assistant Professor
 WILLIAM A. MARSHALL, Clinical Assistant Professor
 ROBERT P. MEANY, Clinical Assistant Professor
 LEO F. MILLER, Clinical Assistant Professor
 RAYMOND J. PELLICORE, Clinical Assistant Professor
 DONALD ROSS, Clinical Assistant Professor
 ERNO B. HIDVEGI, Research Associate
 TAWFIK Y. SABET, Research Associate
 JAMES P. AHSTROM, Clinical Instructor
 THOMAS H. COMFORT, Instructor (one year from July 1, 1961)²
 RICHARD M. CRONIN, Clinical Instructor
 RICHARD A. FREIBERG, Instructor (one year from July 1, 1961)²
 CHARLES E. GAVIN, Clinical Instructor
 ROBERT C. HAMILTON, Instructor²
 WILLIAM F. HEJNA, Instructor (one year from July 1, 1961)²
 WILLIAM F. MCCOLL, JR., Instructor²
 WILLIAM MELTZER, Instructor²
 ALAIN F. MENGUY, Instructor (one year from July 1, 1961)²
 ALBERT J. NOVOTNY, Clinical Instructor
 CLIFFORD O. NYMAN, Clinical Instructor
 WALTER R. PETERSEN, Clinical Instructor
 IRWIN B. RICH, Clinical Instructor
 LOUIS S. VARZINO, Clinical Instructor (Rush)
 RAMEZ AOUAD, Assistant (one year from July 1, 1961)²
 RONALD L. DEWALD, Assistant (one year from July 1, 1961)²
 WILLIAM H. NEWMAN, Clinical Assistant (on leave of absence)

Otolaryngology

DANIEL B. HAYDEN, Clinical Professor (Rush), *Emeritus*
 ABRAHAM R. HOLLENDER, Professor, *Emeritus*
 WALTER H. THEOBALD, Clinical Professor, *Emeritus*
 OLIVER E. VAN ALYEA, Clinical Professor, *Emeritus*
 SAMUEL M. MORWITZ, Clinical Associate Professor, *Emeritus*
 RICHARD W. WATKINS, Clinical Associate Professor, *Emeritus*
 ALBERT H. ANDREWS, JR., Clinical Associate Professor of Bronchoesophagology
 OSCAR J. BECKER, Clinical Associate Professor
 WALTER W. DALITSCHE, Clinical Associate Professor
 STANTON A. FRIEDBERG, Clinical Associate Professor (Rush)
 KENNETH C. JOHNSTON, Clinical Associate Professor of Bronchoesophagology
 G. KENNETH LEWIS, Clinical Associate Professor
 ROBERT B. LEWY, Clinical Associate Professor
 GEORGE S. LIVINGSTON, Clinical Associate Professor
 MAURICE F. SNITMAN, Clinical Associate Professor

LINDEN J. WALLNER, Clinical Associate Professor (Rush)
HELMUT BLUMENTHAL, Clinical Assistant Professor
EDWARD L. CHAINSKI, Clinical Assistant Professor
ARTHUR J. COOMBS, Clinical Assistant Professor
ELMER A. FRIEDMAN, Clinical Assistant Professor
LOIS D. GREENE, Clinical Assistant Professor
RICHARD E. MARCUS, Clinical Assistant Professor
ARTHUR L. RATKO, Clinical Assistant Professor
LEO A. SATZ, Clinical Assistant Professor
FRANK WOJNIAK, Clinical Assistant Professor (Rush)
I. ERLIN BARTLETT, Clinical Associate
BRUNO BLUMKLOTZ, Clinical Associate
COLETTE JEANTET, Clinical Associate
ANDREAS G. KODROS, Clinical Associate
MARIO D. MANSUETO, Clinical Associate
JOSEPH F. ORRICO, Clinical Associate
HARKISHEN SINGH, Clinical Associate
PIERCE W. THEOBALD, Clinical Associate
JOHN A. WEIDEMANN, Clinical Associate
JOHN W. BAXTER, Clinical Instructor (fourteen months from July 1, 1961)
ROBERT H. BORKENHAGEN, Clinical Instructor
RALPH A. CASCIARO, Clinical Instructor
GEORGE H. CONNER, Clinical Instructor (fourteen months from July 1, 1961)
DAVID O. DALE, Clinical Instructor
JOSE L. FERRER, Clinical Instructor
JOSEPH GYORKEY, Clinical Instructor
ROLAND A. KOWAL, Clinical Instructor
MILTON E. KURTH, Clinical Instructor
DINO G. MAURIZI, Clinical Instructor (fourteen months from July 1, 1961)
PHILLIP I. MOZER, Clinical Instructor
ATHANASSIOS P. PANAGOPOULOS, Clinical Instructor
EDWARD A. RAZIM, Clinical Instructor
THADDEUS S. PIERCE, Clinical Instructor
LOUIS F. SCARAMELLA, Clinical Instructor
JOYCE A. SCHILD, Clinical Instructor (fourteen months from July 1, 1961)
KARL H. SIEDENTOP, Clinical Instructor
ALDO C. SIRUGO, Clinical Instructor
KURT SPRINGER, Clinical Instructor
LOUIS T. TENTA, Clinical Instructor (fourteen months from July 1, 1961)
CHARLES D. BLUESTONE, Assistant (one year from July 1, 1961)²
ARTHUR I. BRODER, Assistant (one year from July 1, 1961)²
ROBIN COTTEN BROWN, Assistant (one year from July 1, 1961)²
JOHN N. COMITO, Assistant (one year from July 1, 1961)²
ROGER A. EGGERT, Assistant (one year from July 1, 1961)²
THOMAS E. GRIFFITH, Assistant (one year from July 1, 1961)²
GERALD E. GUENMER, Clinical Assistant
PETER L. LEFFMAN, Assistant (one year from July 1, 1961)²
JAMES A. MEUCI, Assistant (one year from July 1, 1961)²
ROBERT C. NEWELL, Assistant (one year from July 1, 1961)²
ROBERT S. ROSNAGLE, Assistant (one year from July 1, 1961)²
HAROLD SMALL, Assistant (one year from July 1, 1961)²
JOSE SMOLER, Assistant (one year from July 1, 1961)²
JOHN W. STONE, Assistant (one year from July 1, 1961)²

Pathology

GEORGE M. HASS, Professor
LESTER S. KING, Clinical Professor
CARL E. CAHN-BRONNER, Professorial Lecturer, *Emeritus*
JERRY J. KEARNS, Clinical Associate Professor, *Emeritus*
FREDERICK C. BAUER, JR., Clinical Associate Professor
HAROLD A. GRIMM, Clinical Associate Professor
GRANT C. JOHNSON, Clinical Associate Professor
COYE C. MASON, Clinical Associate Professor

MARTIN A. SWERDLOW, Clinical Associate Professor
JAMES R. THOMPSON, Clinical Associate Professor
PAUL A. VAN PERNIS, Clinical Assistant Professor
ROBERT W. ALEXANDER, Assistant Professor (fourteen months from July 1, 1961)
JOHN P. AYER, Assistant Professor
RAYMOND A. CLASEN, Assistant Professor
REUBEN EISENSTEIN, Assistant Professor (fourteen months from July 1, 1961)
DOROTHY E. ESHBAUGH, Clinical Assistant Professor
FREDERIC O. FLOBERG, Lecturer in Legal Medicine with rank of Assistant Professor
FRANZ E. HIRSCH, Lecturer with rank of Clinical Assistant Professor
ROBERT V. HOFFMAN, JR., Clinical Assistant Professor
ALBERT I. RUBENSTONE, Clinical Assistant Professor
ALBERT W. SCHWEITZER, Clinical Assistant Professor
JONAS VALAITIS, Clinical Assistant Professor
JOHN E. MALONEY, Clinical Associate
JESUS A. CABRERA, Instructor (one year from July 1, 1961)¹
JOSEPH C. ERWIN, Clinical Instructor
JAMES E. HABEGGER, Clinical Instructor
JOSEPH J. HOSEK, Instructor (one year from July 1, 1961)²
VICTOR R. JABLOKOW, Clinical Instructor
IRWIN K. KLINE, Clinical Instructor
RYOICHI OYASU, Instructor (one year from July 1, 1961)¹
ERNEST R. POHLMAN, Instructor (one year from July 1, 1961)²
JAMES C. PRITCHARD, Instructor (one year from July 1, 1961)²
JAMES A. SURVIS, Instructor (one year from July 1, 1961)¹
MARIANO ZOMENO, Instructor (one year from July 1, 1961)¹
THOMAS D. MAHONY, Assistant (one year from July 1, 1961)²
MICHAEL B. O'SULLIVAN, Assistant (one year from July 1, 1961)²
SEYMOUR ROSEN, Assistant (one year from July 1, 1961)²
BYRON RUSKIN, Assistant (one year from July 1, 1961)²

Pediatrics

CRAIG D. BUTLER, Clinical Professor (Rush), *Emeritus*
CLIFFORD GRULEE, Clinical Professor (Rush), *Emeritus*
ARCHIBALD L. HOYNE, Clinical Professor (Rush), *Emeritus*
HUGH McCULLOCH, Lecturer with rank of Professor, *Emeritus*
ALFRED D. BIGGS, Clinical Professor
BENJAMIN M. GASUL, Clinical Professor
JOSEPH GREENGARD, Clinical Professor
C. JACK HARRISON, Clinical Professor (Rush)
SAMUEL J. HOFFMAN, Clinical Professor
NOEL G. SHAW, Clinical Professor (Rush)
CHARLES K. STULIK, Clinical Associate Professor (Rush), *Emeritus*
LAWRENCE BRESLOW, Clinical Associate Professor
WARREN R. DAMMERS, Clinical Associate Professor
LOUIS J. HALPERN, Clinical Associate Professor
HARRY LEICHENGER, Clinical Associate Professor
MATTHEW M. LEWISON, Clinical Associate Professor (Rush)
DANIEL J. PACHMAN, Clinical Associate Professor
IRVING B. RICHTER, Clinical Associate Professor
NORMAN T. WELFORD, Clinical Associate Professor (Rush)
DOROTHY H. WELKER, Clinical Associate Professor
WOODRUFF L. CRAWFORD, Clinical Assistant Professor, *Emeritus*
MAGNUS H. AGUSTSSON, Clinical Assistant Professor
RENE A. ARCILLA, Clinical Assistant Professor
SAMUEL H. BARRON, Clinical Assistant Professor
HANS G. BUCHELERES, Clinical Assistant Professor
MARIANNE P. BUDZEIKA, Clinical Assistant Professor
E. H. CHRISTOPHERSON, Clinical Assistant Professor
JOHN B. HALL, Clinical Assistant Professor
MILDRED R. JACKSON, Clinical Assistant Professor
HARVEY KRAVITZ, Clinical Assistant Professor

HERMAN B. LANDER, Clinical Assistant Professor
BESSIE L. LENDRUM, Clinical Assistant Professor
RONALD B. MACK, Clinical Assistant Professor
HARRY T. NAGEL, Clinical Assistant Professor
BRUCE B. NEWMAN, Clinical Assistant Professor
HOMER S. PARKER, Clinical Assistant Professor
MILDRED J. POLNIASZEK, Clinical Assistant Professor
KLARA JUDITH PREG, Clinical Assistant Professor
MARTIN SACKS, Clinical Assistant Professor
THOMAS P. SALTIEL, Clinical Assistant Professor
IRENE SHMIGELSKY, Clinical Assistant Professor
CHARLES E. STEPAN, Clinical Assistant Professor
SAMUEL THOMAS, Clinical Assistant Professor
A. A. WOLF, Clinical Assistant Professor
JUAN PEDRO BICOFF, Clinical Instructor
JULIA YU CHAO, Clinical Instructor
ELIZABETH KELLER, Clinical Instructor
HOWARD J. LEVINE, Clinical Instructor
VICTOR M. LO PRIORE, Clinical Instructor
JEROME J. LUBIN, Clinical Instructor
KENNETH S. NOLAN, Clinical Instructor
STEPHEN PAWLYNSKY, Clinical Instructor
EVELYN M. ANDERSON, Assistant (eight months from October 1, 1961)¹
JOHN A. ANDERSON, Assistant (one year from July 1, 1961)²
BRADLEY E. APPELBAUM, Assistant (one year from July 1, 1961)²
PETER N. BAKER, Assistant (one year from July 1, 1961)²
ALICE PASEL BLATT, Assistant (one year from July 1, 1961)²
ALAN J. CAMIN, Assistant (one year from July 1, 1961)²
GERALD EDELSTEIN, Assistant (one year from July 1, 1961)²
JOSEPH L. EMMERICH, Assistant (one year from July 1, 1961)²
IWAO KANDA, Assistant (one year from July 1, 1961)²
GERALD E. WEISS, Assistant (one year from July 1, 1961)²

Pharmacology

VICTOR A. DRILL, Lecturer with rank of Professor
HARRIS ISBELL, Lecturer with rank of Professor

Physical Medicine and Rehabilitation

H. WORLEY KENDELL, Clinical Professor
REUBEN R. WASSEMAN, Clinical Associate Professor
LUIS SALOMON, Clinical Instructor

Physiology

LATHAN A. CRANDALL, JR., Lecturer with rank of Professor
HAROLD E. HIMWICH, Lecturer with rank of Professor
CHESTER W. DARROW, Associate Professor

Preventive Medicine

THOMAS G. HULL, Lecturer with rank of Associate Professor, *Emeritus*
JERMYN F. MCCAHAN, Clinical Associate Professor
HAROLD W. SMIES, Clinical Associate Professor
ERNEST B. ZEISLER, Clinical Associate Professor
SAMUEL L. ANDELMAN, Lecturer with rank of Assistant Professor
JOYCE C. LASHOF, Assistant Professor
HAROLD H. STEINBERG, Clinical Assistant Professor
JANET M. WOLTER, Clinical Assistant Professor
AGNES D. L. GOSS, Clinical Instructor
RAYMOND W. STEBLAY, Clinical Instructor
DAVID M. KESSNER, Clinical Assistant

Psychiatry

ROY R. GRINKER, Clinical Professor
DAVID SHAKOW, Lecturer with rank of Professor

VLADIMIR G. URSE, Clinical Professor
HARRY R. HOFFMAN, Clinical Associate Professor (Rush), *Emeritus*
WILLIAM H. HAINES, Clinical Associate Professor
ARTHUR A. MILLER, Clinical Associate Professor
DONALD A. R. MORRISON, Clinical Associate Professor
PAUL E. NIELSON, Associate Professor
STEPHEN L. SHERWOOD, Clinical Associate Professor of Neuropsychiatry
ALFONSO SHIMBEL, Lecturer with rank of Associate Professor
ALFRED P. SOLOMON, Clinical Associate Professor
JACK WEINBERG, Clinical Associate Professor
JACOB PASKIND, Clinical Assistant Professor, *Emeritus*
JAMES M. ALEXANDER, Clinical Assistant Professor
CLARESA M. ARMSTRONG, Clinical Assistant Professor
BERNARD M. ARONOV, Assistant Professor of Psychology
HOWARD G. ARONSON, Clinical Assistant Professor
E. ELIOT BENEZRA, Clinical Assistant Professor
ANNE R. BENJAMIN, Clinical Assistant Professor
LEON BERNSTEIN, Clinical Assistant Professor
RICHARD BOLIN, Clinical Assistant Professor
JAMES A. BUETTNER, Clinical Assistant Professor
DAVID I. CHEIFETZ, Assistant Professor of Psychology
PAULINE M. COOKE, Clinical Assistant Professor
THOMAS N. DAVIS III, Clinical Assistant Professor
ROBERT C. DRYE, Clinical Assistant Professor
SYDNEY B. EISEN, Clinical Assistant Professor
FRANK F. EVANS, Clinical Assistant Professor
ALFRED FLARSHEIM, Clinical Assistant Professor
LOWELL I. GOODMAN, Clinical Assistant Professor
ALFRED G. GREEN, Clinical Assistant Professor
HAROLD A. GREENBERG, Clinical Assistant Professor
DAVID P. GROSS, Clinical Assistant Professor
FREDERICK V. GWYER, Clinical Assistant Professor
JOHN E. HALASZ, Clinical Assistant Professor
LOUIS HALPERIN, Clinical Assistant Professor
JOHN W. HANNI, Clinical Assistant Professor
DAVID S. HARMAN, Clinical Assistant Professor
IRVING D. HARRIS, Clinical Assistant Professor
ELSIE L. HAUG, Clinical Assistant Professor
NOEL S. JENKIN, Clinical Assistant Professor of Psychology
LOUIS JENSEN, Clinical Assistant Professor
WALTER KITT, Clinical Assistant Professor
GEORGE H. KLUMPNER, Clinical Assistant Professor
RICHARD C. KOENIG, Clinical Assistant Professor
ROBERT H. KOFF, Clinical Assistant Professor
GUSTAVO LAGE, Clinical Assistant Professor
SAMUEL LIEBMAN, Clinical Assistant Professor
BERNARD I. LIFSON, Clinical Assistant Professor
NER LITTNER, Clinical Assistant Professor
JOAN LONGINI, Clinical Assistant Professor
NORMA MASON, Clinical Assistant Professor
ROBERT G. McMILLAN, Clinical Assistant Professor
WARREN G. MCPHERSON, Clinical Assistant Professor
VICTOR MINTEK, Clinical Assistant Professor
EVAN G. MOORE, Clinical Assistant Professor
WILLIAM H. MURRAY, Clinical Assistant Professor
JOSEPH G. NEMECEK, Clinical Assistant Professor
MELVIN D. NUDELMAN, Clinical Assistant Professor
DONALD OKEN, Clinical Assistant Professor
GEORGE L. PERKINS, Clinical Assistant Professor
KLARA G. RANKY, Clinical Assistant Professor
FRANCO U. RINALDI, Clinical Assistant Professor
ALAN M. ROBERTSON, Clinical Assistant Professor
RAYMOND E. ROBERTSON, Clinical Assistant Professor

MORRIS M. ROSENTHAL, Clinical Assistant Professor
 LESTER H. RUDY, Clinical Assistant Professor
 HENRY L. RUEHR, Clinical Assistant Professor
 MARVIN SCHWARZ, Assistant Professor
 HARRY M. SEGENREICH, Clinical Assistant Professor
 MORRIS A. SKLANSKY, Clinical Assistant Professor
 JEANNE SPURLOCK, Clinical Assistant Professor
 W. DAVID STEED, Clinical Assistant Professor
 ROBERT L. STEWART, Clinical Assistant Professor
 DONN L. TIPPETT, Clinical Assistant Professor
 MARIAN D. TOLPIN, Clinical Assistant Professor
 THOMAS T. TOURLENTES, Clinical Assistant Professor
 SAMUEL A. VICTOR, Clinical Assistant Professor
 WILLIAM WEISDORF, Clinical Assistant Professor
 DONOVAN G. WRIGHT, Clinical Assistant Professor
 HEDWIG C. BAKONY, Clinical Instructor
 MARJORIE C. BARNETT, Clinical Instructor
 GENE H. BOROWITZ, Instructor⁵
 ERIC G. BRUNNGRABER, Clinical Instructor in Biochemistry
 CLARA M. BUTTERWORTH, Instructor in Psychology
 OSCAR F. DAVIS, Instructor (one year from July 1, 1961)⁶
 PIETER DEVRIJER, Clinical Instructor
 ARTHUR S. ELSTEIN, Instructor in Psychology
 DAVID C. GARRON, Instructor in Psychology
 JAY G. HIRSCH, Clinical Instructor
 MARCUS A. JACOBSON, Clinical Instructor (fourteen months from July 1, 1961)
 JEROME I. KATZ, Clinical Instructor
 LEO V. KEMPTON, Clinical Instructor (fourteen months from July 1, 1961)
 ARTHUR H. NORTON, Clinical Instructor (fourteen months from July 1, 1961)
 ROBERT E. NYQUIST, Clinical Instructor (fourteen months from July 1, 1961)
 DANIEL OFFER, Clinical Instructor
 FRANCES C. PERCE, Clinical Instructor in Psychology
 SARAH R. PESKIND, Clinical Instructor in Psychology
 WILLIAM J. PIEPER, Instructor (one year from July 1, 1961)⁶
 LEONARD RACK, Clinical Instructor
 BARBARA S. ROCAH, Clinical Instructor
 ARTHUR D. SABLE, Clinical Instructor
 DONALD D. SCHWARTZ, Clinical Instructor (fourteen months from July 1, 1961)
 ALEXANDER T. SMITH, Clinical Instructor
 ARLENE J. SMITH, Clinical Instructor
 PAULINE D. STEPLETON, Clinical Instructor
 ALVIN SUSLICK, Clinical Instructor
 DONALD E. WATTS, Clinical Instructor
 HERBERT WEINSTEIN, Clinical Instructor in Psychology
 JOHN M. WHITMAN, Instructor (one year from July 1, 1961)²
 DAGA M. WIED, Clinical Instructor
 ARTHUR A. WOLOSHIN, Clinical Instructor
 ROBERT I. YUFTI, Clinical Instructor in Psychology
 ORESTE ZALIS, Instructor (one year from July 1, 1961)¹
 KENNETH W. JARVIS, Research Associate (fourteen months from July 1, 1961)
 CLARE MUNRO, Research Associate
 JOSE M. CASTILLO, Assistant⁹
 SHIRLEY J. HEINZE, Assistant in Psychology¹
 MAQBUL A. MIAN, Assistant⁸
 MORTON S. TABIN, Assistant¹
 ROBERT L. TYROLER, Assistant in Psychology³
 GABRIELLE S. WOLOSHIN, Assistant²
 KAY FIELD, Research Assistant

Public Health

EDWARD A. PISZCZEK, Clinical Associate Professor
 HERBERT K. ABRAMS, Clinical Assistant Professor
 LEROY L. FATHERREE, Lecturer with rank of Assistant Professor

CLARENCE W. KLASSEN, Assistant Professor
HERBERT E. MCDANIELS, Assistant Professor
KENNETH M. MORSE, Lecturer with rank of Assistant Professor
W. FRANKLIN DOVE, Research Associate

Radiology

FAY H. SQUIRE, Professor (Rush)
RICHARD E. BUENGER, Associate Professor
JOHN W. CLARK, Associate Professor
SAMUEL A. LEADER, Clinical Associate Professor
FRANKLIN S. ALCORN, Assistant Professor
MAURICE L. BOGDONOFF, Assistant Professor
BENJAMIN D. BRAUN, Clinical Assistant Professor
ARLENE A. HALKO, Clinical Assistant Professor
FRANK R. HENDRICKSON, Assistant Professor
JULIUS HEYDEMANN, Clinical Assistant Professor
BILLY JAY HILL, Assistant Professor
JACQUES OVADIA, Clinical Assistant Professor
JOHN C. BUSH, Instructor²
CHARLES FRYE, Instructor²
GEORGE G. HIBBS, Instructor
MARTIN HOCHHAUSER, Instructor²
FRANK L. HUSSEY, Clinical Instructor
GUY R. MATTHEW, Instructor²
JOHN I. PRETTO, Instructor²
H. H. FORSYTH WINCHELL, Instructor²
RALPH H. BAEHR, Assistant²
RICHARD T. BERGERON, Assistant²
LEONARD BERLIN, Assistant²
EUGENE K. BORCHART, Assistant²
ERNEST W. FORDHAM, Assistant²
EDWARD A. MCGINNIS, Assistant²
CHARLES W. SAMET, Assistant²

Surgery

HILLIER L. BAKER, Clinical Professor (Rush), *Emeritus*
VERNON C. DAVID, Professor (Rush), *Emeritus*
SELIM W. MCARTHUR, Clinical Professor, *Emeritus*
EDWIN M. MILLER, Clinical Professor (Rush), *Emeritus*
OSCAR E. NADEAU, Clinical Professor, *Emeritus*
EDWARD J. BEATTIE, JR., Professor
EGBERT H. FELL, Clinical Professor (Rush)
RICHARD K. GILCHRIST, Clinical Professor (Rush)
PAUL W. GREELEY, Clinical Professor
HILGER P. JENKINS, Lecturer with rank of Professor
FRANCIS H. STRAUS, Clinical Professor (Rush)
WILLIAM H. HAZLETT, Clinical Associate Professor, *Emeritus*
FRANK J. JIRKA, Associate Professor, *Emeritus*
WILL F. LYON, Clinical Associate Professor, *Emeritus*
RUDOLPH J. E. ODEN, Associate Professor, *Emeritus*
CARL B. DAVIS, JR., Clinical Associate Professor
WILLIS G. DIFFENBAUGH, Clinical Associate Professor
ARTHUR E. DIGGS, Clinical Associate Professor (Rush)
WILLIAM S. DYE, JR., Clinical Associate Professor
EARL GARSIDE, Clinical Associate Professor
CHESTER C. GUY, Clinical Associate Professor
BURTON C. KILBOURNE, Clinical Associate Professor
JOHN D. KOUCKY, Clinical Associate Professor
HIRAM T. LANGSTON, Clinical Associate Professor
STANLEY E. LAWTON, Clinical Associate Professor (Rush)
FOSTER L. MCMILLAN, Clinical Associate Professor
CLARENCE MONROE, Clinical Associate Professor (Rush)
JOHN H. OLWIN, Clinical Associate Professor (Rush)
MORRIS L. PARKER, Clinical Associate Professor

LOUIS W. SCHULTZ, Clinical Associate Professor of Oral Surgery
LINDON SEEP, Clinical Associate Professor
HARRY W. SOUTHWICK, Clinical Associate Professor
EVERETT L. STROHL, Clinical Associate Professor
FRANK V. THEIS, Clinical Associate Professor (Rush)
PHILIP THOREK, Clinical Associate Professor
CARL O. ALMQUIST, Clinical Assistant Professor
RAYMOND E. ANDERSON, Clinical Assistant Professor
CHARLES D. BRANCH, Clinical Assistant Professor
C. DAVID BROWN, Clinical Assistant Professor
ROBERT G. CANHAM, Clinical Assistant Professor
JOSEPH P. CANNON, Clinical Assistant Professor
JAMES H. CROSS, Clinical Assistant Professor
WARD H. EASTMAN, Clinical Assistant Professor
MELVIN I. GIBBEL, Clinical Assistant Professor
RAYMOND GREEN, Clinical Assistant Professor
VERNON L. GUYNN, Clinical Assistant Professor
RONALD G. HALEY, Clinical Assistant Professor
RUSSELL C. HANSELMAN, Clinical Assistant Professor
HARRY G. HARDT, JR., Clinical Assistant Professor
WILLIAM H. HARRIDGE, Clinical Assistant Professor
ROBERT A. HESS, Clinical Assistant Professor
VERNON Z. HUTCHINGS, Clinical Assistant Professor
CARL IRENEUS, JR., Clinical Assistant Professor
ROBERT W. JAMIESON, Clinical Assistant Professor
FRANK R. JOHNSON, Clinical Assistant Professor
JOHANNES L. KOPPEL, Assistant Professor
KENNETH L. MATSON, Clinical Assistant Professor
HAROLD I. MEYER, Clinical Assistant Professor
FRANK J. MILLOY, JR., Clinical Assistant Professor
GEORGE A. OLANDER, Clinical Assistant Professor
JOHN R. ORNDORFF, Clinical Assistant Professor
JOHN H. PRIBBLE, Clinical Assistant Professor
WILLIAM L. RIKER, Clinical Assistant Professor
HAROLD A. ROTH, Clinical Assistant Professor
THOMAS SELLETT, Clinical Assistant Professor
PHILIP SHAMBAUGH, Clinical Assistant Professor
WILLIAM D. SHOREY, Clinical Assistant Professor
ROBERT F. STOKES, Clinical Assistant Professor
MILAN M. WASICK, Clinical Assistant Professor
MILTON WEINBERG, JR., Clinical Assistant Professor
CARL Y. WERELIUS, Clinical Assistant Professor
LEON J. WITKOWSKI, Clinical Assistant Professor
ROBERT J. BAKER, Clinical Instructor
JOHN H. BANCROFT, Instructor (one year from July 1, 1961)³
WALTER L. BARKER, Instructor (one year from July 1, 1961)³
WILLIAM C. BRENNAN, Clinical Instructor
DONALD M. BUCKNER, Instructor (one year from July 1, 1961)³
PETER BUINAUSKAS, Instructor (one year from July 1, 1961)³
JACKSON E. CAGLE, JR., Clinical Instructor (fourteen months from July 1, 1961)
MOHAMMAD A. CHEEMA, Clinical Instructor (fourteen months from July 1, 1961)
NOBLE CORRELL, Clinical Instructor
GLENN W. FISCUS, Clinical Instructor
JOHN W. FRISCH, Clinical Instructor
ANDRES GABEL, Instructor (one year from July 1, 1961)³
GORDON II. GLASSFORD, Instructor (one year from July 1, 1961)³
HOWARD H. HAMLIN, Clinical Instructor
IRWIN HARRIS, Instructor (one year from July 1, 1961)⁶
JOSEPH F. HINKAMP, Clinical Instructor
JOHANNES M. L. JENSEN, Clinical Instructor
JOHN M. KENWELL, Instructor (one year from July 1, 1961)³
ANDREW KIRSTEINS, Clinical Instructor
FRANCES E. KNOCK, Clinical Instructor
WILBUR D. LATHAM, Instructor (one year from July 1, 1961)²

OSCAR S. LENIT, JR., Clinical Instructor
 WILLIAM E. LOOBY, Clinical Instructor
 JOSEPH R. MCANDREW, Clinical Instructor
 RANDALL E. McNALLY, Clinical Instructor (on leave of absence for military service)
 CHAFICK N. MANSOUR, Clinical Instructor
 HASSAN NAJAFI, Instructor (one year from July 1, 1961)*
 STEVEN H. NYI, Clinical Instructor
 ROGER A. OTT, Instructor (one year from July 1, 1961)*
 JOHN W. OTTEN, Clinical Instructor
 ROBERT J. OVERSTREET, Clinical Instructor
 JOHN C. PARROTT, Instructor (one year from July 1, 1961)*
 GEORGE L. PASTNACK, Clinical Instructor
 EUELL G. PAUL, Clinical Instructor
 HAROLD A. PAUL, Clinical Instructor (fourteen months from July 1, 1961)
 MARTIN PEPPER, Clinical Instructor
 EDGAR R. PICKEN, Clinical Instructor
 RICHARD C. POWERS, Clinical Instructor
 MORRIS M. PROFFITT, Clinical Instructor
 ALFRED RASMUSSEN, Clinical Instructor
 OLIVER V. RENAUD, Clinical Instructor
 STUART S. ROBERTS, Instructor (one year from July 1, 1961)*
 RICHARD C. SCHULTZ, Clinical Instructor
 WENDELL H. SCHMIDTKE, Instructor (one year from July 1, 1961)*
 CARL K. SOLANDER, Clinical Instructor
 HORACE C. STANSEL, JR., Clinical Instructor
 E. WILSON STAUB, Instructor (one year from July 1, 1961)*
 RICHARD A. TARIZZO, Instructor (one year from July 1, 1961)*
 EDWARD S. TRUPPMAN, Instructor (one year from July 1, 1961)*
 RICHARD S. WEBB, JR., Instructor (one year from July 1, 1961)*
 ROBERT B. WHITE, Clinical Instructor
 ARTHUR R. WILLIAMSON, Clinical Instructor (fourteen months from July 1, 1961)
 MICHAEL F. WITANOWSKI, Clinical Instructor
 ROBERT C. EBERLE, Instructor (one year from July 1, 1961)*
 KARL F. BADER, JR., Assistant (one year from July 1, 1961)*
 BURTON R. BANCROFT, JR., Assistant (one year from July 1, 1961)*
 RICHARD G. CALDWELL, Assistant (one year from July 1, 1961)*
 EDWARD A. DAINKO, Assistant (one year from July 1, 1961)*
 ALEXANDER DOOLAS, Assistant (one year from July 1, 1961)*
 JAY D. ELLENBY, Assistant (one year from July 1, 1961)*
 LAWRENCE A. FAGARASON, Assistant (one year from July 1, 1961)*
 ALLAN L. GRAHAM, Assistant (one year from July 1, 1961)*
 LOREN J. HUMPHREY, Assistant (one year from July 1, 1961)*
 FERNLY E. JOHNSON, Clinical Assistant
 OLGA M. JONASSON, Assistant (one year from July 1, 1961)*
 WALTER R. LAWRENCE, Assistant (one year from July 1, 1961)*
 LEROY LONG, Assistant (one year from July 1, 1961)*
 LARRY O. MCKNELLY, Assistant (one year from July 1, 1961)*
 JAMES H. MASON, Assistant (one year from July 1, 1961)*
 JOHN J. MINSTER, Assistant (one year from July 1, 1961)*
 MARVIN M. ROMSDAHL, Assistant (one year from July 1, 1961)*
 ETHAN B. RUBEN, Assistant (one year from July 1, 1961)*
 JAMES A. SANDROLINI, Assistant (one year from July 1, 1961)*
 CHARLES T. SMALLWOOD, Assistant (one year from July 1, 1961)*
 JOHN M. SOMERNDIKE, Assistant (one year from July 1, 1961)*
 ROBERT J. TOOHILL, Assistant (one year from July 1, 1961)*
 KENNETH R. VANDER VENNET, Assistant (one year from July 1, 1961)*
 DAVID YASHON, Assistant (one year from July 1, 1961)*

Division of Urology

NORRIS J. HECKEL, Clinical Professor (Rush)
 EDWARD BUCKMAN, Clinical Associate Professor (Rush), *Emeritus*
 EDWIN C. GRAF, Clinical Associate Professor
 THEOPHIL P. GRAUER, Clinical Associate Professor

JAMES W. MERRICKS, JR., Clinical Associate Professor (Rush)
GEORGE O. BAUMRUCKER, Clinical Assistant Professor
JOSEPH S. DRABANSKI, Clinical Assistant Professor
R. ROSS HAEGER, Clinical Assistant Professor
WILLARD C. MEYER, Clinical Assistant Professor
FRANK B. PAPIERNIAK, Clinical Assistant Professor
COLQUITT O. RITCH, Clinical Assistant Professor
FREDERICK SCHACHT, Clinical Assistant Professor
CARL D. BERRY, JR., Clinical Instructor
JAMES A. CALAMS, Clinical Instructor
DANIEL H. CALLAHAN, Clinical Instructor
THOMAS L. C. COTTRELL, Clinical Instructor
RAYMOND FIRFER, Clinical Instructor
MALACHI J. FLANAGAN, Instructor (one year from July 1, 1961)²
PABLO M. GONZALEZ, Clinical Instructor
CHARLES F. MCKIEL, JR., Instructor (one year from July 1, 1961)²
JAMES C. VALENTA, Clinical Instructor
ALFONSO DIAZ, Clinical Assistant

Division of Anesthesiology

ERNST T. MORCH, Clinical Professor
PAUL W. SEARLES, Clinical Professor
MARY M. LYONS, Clinical Associate Professor (Rush), *Emerita*
JOHN E. CAWLEY, Clinical Assistant Professor
MYRON J. LEVIN, Clinical Assistant Professor
HERBERT E. NATOF, Clinical Assistant Professor
JOSEPH E. REMLINGER, Clinical Assistant Professor
MILTON J. SCHIFFRIN, Clinical Assistant Professor
JOHN L. SCHMIDT, Clinical Assistant Professor
ARUN K. SEN, Clinical Assistant Professor
DIGBY G. SEYMOUR, Clinical Assistant Professor
ARTHUR T. SHIMA, Clinical Assistant Professor
HERSHELL L. KEELING, Clinical Associate
CONSTANTE B. DEPADUA, Instructor (one year from July 1, 1961)²
GWEN GLEAVE, Clinical Instructor
EILEEN HECKEL, Clinical Instructor
DAVID KATZ, Clinical Instructor
JOHN NELSON, Clinical Instructor
BRIGHT Y. ONODA, Clinical Instructor
STANKA K. PAPRIKOFF, Clinical Instructor
RAYMOND F. ROSE, Clinical Instructor
LESTER SCHWARTZ, Clinical Instructor
VIVENTE B. SANTELICES, Instructor (one year from July 1, 1961)²
MAURICE M. TENNANT, Clinical Instructor
DAN A. VALENTI, Clinical Instructor
RASMA V. VITRINGS, Clinical Instructor
JOSE R. ALFONSO, Assistant (one year from July 1, 1961)²
THOMAS L. ASHCRAFT, Clinical Assistant (fourteen months from July 1, 1961)
DAVID L. BRUCE, Assistant (one year from July 1, 1961)²
SARA J. BURCHELL, Assistant (one year from July 1, 1961)²
CARLETON E. DANGREMOND, Clinical Assistant (on leave of absence for military service)
JAIME ILLEL, Assistant (one year from July 1, 1961)²
YAROSLAV KOKORUDZ, Assistant (one year from July 1, 1961)²
DAVID W. KRANS, Assistant (one year from July 1, 1961)²
JOHN M. LARSON, Assistant (one year from July 1, 1961)²
MARY E. LEABEATER, Assistant (one year from July 1, 1961)²
JAMES H. MACLEAN, Assistant (one year from July 1, 1961)²
WILLIAM R. MELBY, Clinical Assistant (on leave of absence for military service)
CHARLES W. PASTIKA, Assistant (one year from July 1, 1961)²
JUSTO J. PEREZ, Assistant (one year from July 1, 1961)²
ARTHUR W. PETERSON, Assistant (one year from July 1, 1961)²
EARL A. SABIN, Assistant (one year from July 1, 1961)²
MORTON SHULMAN, Clinical Assistant (fourteen months from July 1, 1961)

ASTRIDA I. SILINS, Assistant (one year from July 1, 1961)^a
 JOHN J. STRAUB, Clinical Assistant (fourteen months from July 1, 1961)
 MARTHA M. VASQUEZ, Assistant (one year from July 1, 1961)^a
 VERNON E. WALLACE, Clinical Assistant (fourteen months from July 1, 1961)
 HANS H. WIMMER, Assistant (one year from July 1, 1961)^a

ADVISORY COMMITTEE FOR THE COLLEGE OF VETERINARY MEDICINE

(5) The Dean of the College of Veterinary Medicine recommends the appointment of Mr. Fred W. Anderson, Circle A Hereford Ranch, Morris, Illinois, to the Advisory Committee for the College of Veterinary Medicine for a period of three years beginning September 1, 1961.

I concur.

On motion of Mr. Hughes, this appointment was approved.

ADVISORY COMMITTEE FOR INSTITUTE FOR RESEARCH ON EXCEPTIONAL CHILDREN

(6) The Director of the Institute for Research on Exceptional Children recommends the following appointments to the Advisory Committee of the Institute for Research on Exceptional Children for three years beginning September 1, 1961.

Representatives of the University

PROFESSOR LOUIS SCHNEIDER, Head of the Department of Sociology
 Professor Lloyd G. Humphreys, Department of Psychology, and Professor
 Walter J. Moore, College of Education, are the other representatives of the
 University. Their terms expire in 1963 and 1962 respectively.

Representatives of the Department of Mental Health

(Formerly Department of Public Welfare)

DR. DONALD BRIELAND, Director of Children's Services, State Department of
 Mental Health

Dr. Joseph Albaum, Superintendent, Lincoln State School, Lincoln, Illinois,
 is the other representative of the Department of Mental Health. His term
 expires in 1963.

Representatives of the Department of Public Instruction

Mr. Ray Graham, Director of the Division of Special Education, and Dr.
 Oscar Chute, Superintendent of Evanston Public Schools, District No. 65,
 Evanston, Illinois, are the representatives of the Department of Public
 Instruction. Their terms expire in 1963 and 1962 respectively.

The Board of Trustees on July 16, 1952 (minutes, page 5) approved the plan
 for the organization of the Institute which includes an Advisory Committee
 consisting of three representatives from the University, two from the Depart-
 ment of Public Welfare (now Department of Mental Health), and two from the
 Department of Public Instruction, each appointed for a three-year term.

The Dean of the College of Education and the Executive Vice-President and
 Provost endorse these nominations.

I recommend approval.

On motion of Mr. Wilkins, these appointments were approved.

APPOINTMENTS TO PROFESSIONAL ADVISORY COMMITTEE OF THE DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(7) The Division of Services for Crippled Children has a Professional Advisory
 Committee appointed by the Board of Trustees for two-year periods. The
 Vice-President in charge of the Chicago Professional Colleges and the Director
 of the Division of Services for Crippled Children recommend the following re-
 appointments and new appointments for two years beginning July 1, 1961.

Reappointments

FLOYD S. BARRINGER, M.D. (Neurosurgeon), 704 North First, Springfield
 RAY E. BROWN, Superintendent, University of Chicago Clinics, 950 East Fifty-
 ninth Street, Chicago 37

DONALD E. CASSELS, M.D. (Pediatrician-cardiac), University of Chicago Clinics, 950 East Fifty-ninth Street, Chicago 37
B. F. DEWEL, D.D.S. (Orthodontist), 708 Church Street, Evanston
A. R. EVELOFF, M.D. (Pediatrician), 1025 South Seventh Street, Springfield
JAMES B. GILLESPIE, M.D. (Pediatrician), Carle Hospital Clinic, Urbana
H. WORLEY KENDELL, M.D. (Physiatrist), Director, Education and Research, Institute of Physical Medicine and Rehabilitation, 619 North East Glen Oak Avenue, Peoria
MEYER A. PERLSTEIN, M.D. (Pediatrician-cerebral palsy), 4743 North Drake Avenue, Chicago 25
EDWARD PRESS, M.D., Director, Evanston City Department of Health, 1806 Maple Avenue, Evanston
DEAN W. ROBERTS, M.D., Executive Director, National Society for Crippled Children and Adults, Inc., 2023 West Ogden, Chicago 12
WAYNE B. SLAUGHTER, M.D. (Plastic Surgeon), 55 East Washington Street, Chicago 2
GLENN TAYLOR, Ph.D., Director, Hearing Laboratory, Illinois State Normal University, Normal
HAROLD WESTLAKE, Ph.D., Head, Department of Speech Correction and Audiology, Northwestern University, Evanston

New Appointments

ROBERT T. FIELDING, M.D. (Pediatrician), 101 East Miller Road, Sterling
HERBERT KOEPP-BAKER, Ph.D., Research Professor of Speech Pathology, Southern Illinois University, Carbondale
ROBERT D. MOORE, M.D. (Orthopaedist), University of Chicago Clinics, 950 East Fifty-ninth Street, Chicago 37
WILLIAM J. SCHNUTE, M.D. (Orthopaedist), 720 North Michigan Avenue, Chicago 11
FRED L. STUTTLE, M.D. (Orthopaedist), 1200 Hamilton Boulevard, Peoria
I concur.

On motion of Mrs. Watkins, these appointments were approved.

REPORT OF MINOR CHANGES IN CURRICULA

(8) During the academic year 1960-61, the following minor changes in educational programs and curricula were approved by the Urbana Senate Committee on Educational Policy. The changes have been approved by the Executive Vice-President and Provost's Office, and although that office and the Committee have advised that no further Senate or other actions are required, they are being reported to the Board for record and confirmation.

College of Agriculture

Curriculum in Home Economics, Hospital Dietetics Option

The following required courses have been added:

Chemistry 122, Elementary Quantitative Analysis

Home Economics 324, Problems in Nutrition

Management 248, Personnel Administration

One of the following: Accounting 201, Fundamentals of Accounting; Home Economics 330, Experimental Foods; Home Economics 355, Advanced Quantity Cookery and Catering.

These courses have been incorporated into the option to satisfy certain new requirements for internships in approved hospitals and were established by the American Dietetics Association.

College of Engineering

Curriculum in General Engineering

The following changes consist of replacing a sequence of civil engineering design courses or a sequence of mechanical engineering design courses with a

sequence of newly developed general engineering design courses developed especially for general engineering students. The new courses are:

	<i>Hours</i>
G.E. 231, Engineering Analysis I.....	3
G.E. 232, Engineering Analysis II.....	4
G.E. 241, Component Design	4
G.E. 242, Project Design	3
G.E. 288, Economic Aspects of Engineering.....	3
<i>Total</i>	<u>17</u>

College of Fine and Applied Arts

Curriculum in Music Education (for the Degree of Bachelor of Science)

The following courses have been revised:

- Music 101, Theory, three hours (same course content but three rather than four hours credit)
 Music 213 and 214, History and Appreciation of Music, three hours (this is a more comprehensive course in the history of music and changes the credit from two to three hours)

Curriculum in Sculpture

The Urbana Senate Committee on Educational Policy has approved a proposal from the Department of Art and the Executive Committee of the College of Fine and Applied Arts, for an option in the existing curriculum in art leading to the degree of Bachelor of Arts in Sculpture. The following new courses will accompany this option:

- Art 253, Intermediate Sculpture I
 Art 254, Intermediate Sculpture II
 Art 255, Sculpture Materials and Techniques I
 Art 256, Sculpture Materials and Techniques II
 Art 257, Advanced Sculpture I
 Art 258, Advanced Sculpture II
 Art 259, Advanced Sculpture Materials and Techniques I
 Art 260, Advanced Sculpture Materials and Techniques II

The details of this curriculum are being filed with the Secretary of the Board for record.

Graduate College

Degree of Master of Science in Home Economics Education

Candidates for the degree of Master of Science in Home Economics Education must earn eight units with four in home economics. Three units, at least one in home economics, must be courses number 400 or above.

Degree of Master of Arts in the Teaching of Spanish

Candidates for the degree of Master of Arts in the Teaching of Spanish must earn a minimum of six units in Spanish and two units in education. The requirements are:

Spanish

Up to three units from any of the following not included in an undergraduate program:

- Spanish 301-302, Survey of Spanish Literature
 Spanish 303-304, Survey of Spanish-American Literature
 Spanish 311, Cervantes
 Spanish 314, Spanish Drama of the Golden Age
 Spanish 331, La Cultura Hispanica: España
 Spanish 351, Phonetics
 Spanish 352, Syntax
 Linguistics 300, Introduction to Linguistics

At least three units from:

- Spanish 415 or 416, Spanish Literature in the Sixteenth Century
 Spanish 421, 422, 423, or 424
 Spanish 431, 432, 433, or 434

Education

Education 311, Psychology of Learning for Teachers

Education 312, Mental Hygiene and the School

Two of the following: Education 301, Philosophy of Education; Education

302, History of American Education; Education 303, Comparative Education;

Education 304, Social Foundations of Education

College of Liberal Arts and Sciences**General Curriculum****FOREIGN LANGUAGE REQUIREMENTS**

These requirements are revised to read:

A reading knowledge of a foreign language equivalent to that resulting from four semesters of study of a foreign language commenced in college is required. Completion of four years of foreign language in high school also satisfies this requirement. Proficiency examinations are offered in those languages which are included in the curricula of the College of Liberal Arts and Sciences. Students transferring from other colleges may present in satisfaction of the language requirement two years of college credit in a language not offered at the University of Illinois.

Students planning to enter the Graduate College are advised to obtain a reading knowledge of two of the following languages: French, German, Russian.

GENERAL EDUCATION SEQUENCES

The following sequences satisfy the general education requirements for the biological sciences: Microbiology 100, Microbiology 101, and Physiology 103; Microbiology 100, Microbiology 101, and Zoology 104; Microbiology 100, Microbiology 101, and Entomology 103.

MAJORS AND MINORS

The following changes have been made in majors and minors.

Economics Major: Economics 109 is dropped from the requirements for a major in economics.

Mathematics Major: The following courses have been added to the list of courses of which two are required for all mathematics majors: 332, 333, 353, 354.

Physiology Major: Twenty hours in animal physiology, of which ten or more must be from departmental courses in the advanced group. In addition, the student's program must include one semester each of vertebrate embryology, organic chemistry and physical chemistry, and two semesters of general physics. Calculus is recommended strongly.

Zoology Major: Twenty hours in zoology excluding Zoology 101, 104, 106, and Biological Science 100, and including five hours of advanced work. One year of physics and one year of chemistry are required of all zoology majors. The courses taken in physics and chemistry may be applied toward a minor in either of these fields.

Zoology Minors: Twenty hours in one or two of the following subjects, with at least eight hours in each if two are chosen: animal science (to be selected from Animal Science 100, 110, 230, 305, or 330), anthropology, botany, chemistry, education, entomology, geography, geology, mathematics, microbiology, physics, physiology, psychology.

ELECTIVES

Law: The applicant for the degree should petition the dean of the College of Liberal Arts and Sciences, who may approve the granting of the bachelor's degree if all the college and University requirements have been met and the student is in good standing in the law school from which the credit is being transferred.

Curriculum in General Studies

Substitute "foreign language" for "electives" in the four-semester outline, changing the stipulated hours to sixteen for each semester. The foreign language requirement for students in the Division of General Studies curriculum is the same as that for students in the general Liberal Arts and Sciences curriculum.

Upon completion of the requirement, suitable electives may be substituted for foreign language in the four-semester outline.

Curriculum in Latin-American Studies, Division of Social Studies

Linguistics has been added to the list of minors acceptable for majors in the curriculum in Latin-American Studies.

Curriculum in Russian Language and Area Studies

Students who elect Russian Language and Area Studies as a major must:

1. Complete the prescribed and general education sequences required in the general curriculum.
2. Complete at least twenty semester hours of Russian language courses, in addition to Russian 101-102, or demonstrate equivalent proficiency.
3. Complete a major consisting of at least twenty semester hours distributed among at least four departments and chosen from the following list: Anthropology 381, 382; Economics 312; Geography 353; History 219, 220, 327, 328; Political Science 335; Russian 309, 310, 321, 322, 323, 324. Courses used for major or minor credit outside the program of Russian Language and Area Studies may not count as part of this twenty hours.
4. Complete a minor of twenty hours, excluding courses open to freshmen, in one or two departments. If two are chosen, at least eight hours must be taken in each. Courses in the Russian language may, with the approval of the Program Director, constitute all or part of this minor.

A minor in Russian Language and Area Studies, designed to accompany a major in any department, requires at least twenty semester hours distributed among at least three departments and chosen from the following list: Anthropology 381, 382; Economics 312; Geography 353; History 219, 220, 327, 328; Political Science 335; Russian 309, 310, 321, 322, 323, 324. It also requires a knowledge of Russian equivalent at least to that normally attained after Russian 101-102.

Students in other colleges and schools of the University who desire a knowledge of the Russian area are invited to consult, either directly or through their advisers, with the Program Director for Russian Language and Area Studies in order to develop programs suited to their individual needs.

Premedical Curriculum

Change description of the curriculum by deleting the following paragraph: Other factors being equal, students who have completed the second and third years of the premedical curriculum in the University of Illinois with an average of 4.3 or better are given preferential consideration by the College of Medicine's Committee on Admissions.

Changes in accepted courses and the majors to which they apply:

Biochemistry 301, 302, and 303, consisting of 66 hours in lecture and 88 hours in laboratory, to be applied to a chemistry major or for elective credit at the upper division level for a total of six semester hours.

Physiology 301, 302, and 303, consisting of 90 hours in lecture and 149 hours in laboratory and conference, to be applied to a physiology or zoology major or for elective credit at the upper division level for a total of ten semester hours.

Curriculum Preparatory to the Teaching of Mathematics

Change in the total numbers of semester hours given in the curriculum from 125-135 to 127-136 hours, but no change in the minimum hours (120) of credit required for graduation.

Addition of the following acceptable teaching minors: physical science, accountancy, and economics education. Addition of Russian as an acceptable foreign language teaching minor.

Changes in required mathematics courses to conform to the present offerings of the University and to strengthen the subject-matter preparation of prospective teachers in mathematics.

Curriculum Preparatory to the Teaching of Spanish

Number of required hours for a teaching minor increased from sixteen to

twenty semester hours in order to meet the new state teacher certification requirement.

Addition of subject-matter fields which would be considered as desirable teaching minor combinations with Spanish as major teaching subject.

College of Physical Education

Curriculum in Health Education

Two courses, Health Education 283, Physical and Health Inspection, and Health Education 287, Field Work in Community Health, have been dropped and are replaced by Health Education 283, Man and His Diseases, and Health Education 287, Concepts of Health, Aging, and Longevity.

Revisions have been made in the teacher education minor in health education (a report of the details of these revisions is filed with the Secretary of the Board for record).

On motion of Mr. Swain, these reports were received for record, and the actions were confirmed.

APPROPRIATION FOR CONSTRUCTION OF LOCUST STREET SANITARY SEWER AND LIFT STATION

(9) The Urbana and Champaign Sanitary District has requested the University of Illinois to share in the cost of construction of a new Locust Street (Champaign) sanitary sewer, including a lift station. This sewer will replace the present sewer extending from an existing manhole on the south side of Armory Avenue north to a new manhole approximately 45 feet north of Green Street. The lift station will be constructed on the south side of Armory Avenue to lift the sewage at that point to the new sewer.

The total cost of the project is estimated to be \$112,100 and the University is asked to contribute 16.97746 per cent of the cost, or approximately \$19,031.73. The University has been contributing its proportionate share of the cost of plant improvements made by the Urbana and Champaign Sanitary District and has annually paid its proportionate share of the cost of operating the local sewage disposal plant. The amount requested for the construction of the new Locust Street sewer is based on the 1960-61 factor applied in calculating the University's share of operation and maintenance cost of the District's plant.

The Locust Street sanitary sewer serves all University property south of Armory Avenue and west of Fourth Street, including the new Fine and Applied Arts Building and the Law Building, and an adequate and reliable sanitary sewer outlet for this portion of the campus is of importance to the University.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of an agreement with the District providing for the University's share of the cost.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute such an agreement with the Urbana and Champaign Sanitary District, and that an appropriation of \$19,032 be made from the General Reserve for this purpose.

On motion of Mr. Johnston, this agreement was authorized, and the requested appropriation was made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(10) The Committee on Nonrecurring Appropriations recommends assignments of funds from the General Reserve for the following:

- | | |
|--|-------------|
| 1. Remodeling in Noyes Laboratory to provide a classroom in the basement to replace classroom space on the third floor which is being converted for use as a Computer Center..... | \$ 4 632 00 |
| 2. Remodeling the building at 1240 South Euclid Street, one of the Parade Ground housing units, formerly used by the Housing Division, for use by the Student Rehabilitation Center..... | 4 540 00 |

3. Remodeling and equipment for the Office of the Executive Vice-President and Provost to provide space for additional staff member and a reception area.....	8 191 74
<i>Total</i>	\$17 363 74

I concur.

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

REAPPROPRIATION OF UNEXPENDED BALANCES

(11) The Vice-President and Comptroller recommends that the following balances and overdrafts in budget appropriations and appropriations for special projects not completed on June 30, 1961, be carried forward for the fiscal year beginning July 1, 1961, in accordance with usual policy.

I concur.

On motion of Mrs. Watkins, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

Urbana-Champaign

General administration and expense.....	\$58 108		
Microfilming records.....	\$ 214		
Special legal services.....	7 707		
Provost instructional television from other departments.....	13 048		
Alumni records conversion.....	6 920		
Student life movie.....	6 267	34 156	\$ 92 264
Agriculture.....			37 675
Commerce and Business Administration.....			4 653
Education.....			784 ¹
Engineering.....			29 050
Fine and Applied Arts.....			3 416
Graduate College.....			8 716
Journalism and Communications.....			5 519
Law.....			247
Liberal Arts and Sciences.....	7 788 ¹		
Physiology, relocation in Burrill Hall.....	774		7 014 ¹
Physical Education.....			1 021
University Extension.....			36 833
Veterinary Medicine.....			3 709
Other schools and colleges.....			290
Library and Graduate School of Library Science.....	5 910		
Russian and Slavic materials.....	44		5 954
Physical Plant			
Regular operation and maintenance.....	264 988		
Renewals and replacements.....	87 853		
Illinois bus operation.....	1 172	354 013	
Unexpended plant			
605 East Daniel Street, purchase.....	1 000		
Radio telescope, site improvements.....	4 163		
Accounting, special equipment.....	1 285		
Admissions and Records, special equipment.....	3 462		
Variety equipment.....	3 000		
Electron Microscope Laboratory.....	50 797		
Bureau of Institutional Research building.....	45 874		
Dixon Springs, staff houses.....	7 030		
805 West Pennsylvania Avenue, remodeling.....	1 834		
Physics, temporary building.....	2 665		
1205 West Oregon Street, remodeling.....	3 300		

Central Receiving Station.....	\$67 190
Agriculture administration, special equipment.....	6 957
Truck, purchase.....	936
Commerce and Business Administration, equipment and remodeling.....	1 196
Administration Building, air conditioning third floor.....	4 700
Administration Building, remodeling.....	517 ¹
Arcade Building and Illini Hall, remodeling.....	671 ¹
Armory, remodeling.....	358 437
Illini Union, remodel mezzanine fourth floor.....	2
McKinley Hospital, fire doors.....	8 050
McKinley Hospital, renovation.....	33 634
Radiocarbon Laboratory, air conditioning.....	163
Agriculture Engineering Building, classroom.....	208 ¹
Agronomy Storehouse, remodeling.....	572
Davenport Hall, chemistry hoods.....	3 479
Dairy Manufactures Building, remodeling.....	4 341
Davenport Hall, remodeling.....	738
Horticulture Field Laboratory, remodeling.....	22 ¹
Round Barn, remodeling.....	21 158
Commerce Annex, remodeling.....	2 500
David Kinley Hall, remodeling.....	4 481
Gregory Hall, remodeling.....	605
University High School, remodeling.....	8 440
Woodshop, remodeling.....	1 000
Architecture Building, improvements.....	432
Gregory Hall, air conditioning room.....	3 500
Altgeld Hall, remodeling.....	1 313
English Building, remodeling.....	995
Lincoln Hall, remodeling.....	3 315
Natural History Building, remodeling.....	10 122
Natural History Building, remodeling room 413.....	3 000
Noyes Laboratory, remodeling.....	45 674
Noyes Laboratory, remodeling basement and third floor.....	115
Huff Gymnasium, remodeling.....	1 620
Men's Old Gymnasium, lockers.....	240
Men's Old Gymnasium Annex, rest rooms.....	1 377
Veterinary Clinic, remodeling second floor.....	1 779
1205 West California Avenue, remodeling attic.....	70
605 South Goodwin Avenue, remodeling.....	974
Civil Engineering, special equipment.....	3 438
Quonset Building, remodeling.....	3 268
Analog computer.....	459
Electrical Engineering, special equipment.....	10 612
505 South Goodwin Avenue, remodeling.....	1 300
1207 West Oregon Street, renovation.....	25 500
907 South Sixth Street, remodeling.....	28 500
909 South Sixth Street, remodeling.....	3 669
Mining Laboratory, improvements.....	1 527
Mining, Metallurgy, and Petroleum Engineering, special equipment.....	390
Nuclear Engineering, special equipment.....	2 600
Architecture, special equipment.....	2 281
Art, special equipment.....	3 269
City Planning and Landscape Architecture, special equipment.....	1 541
Auditorium, organ repair.....	41 836
Practice organs.....	18 000
Krannert Art Museum, special equipment.....	1 384
Graduate College, flexo-writer.....	1 565
Graduate College, truck.....	596
Botany, special equipment.....	1 652
East Chemistry Building, remodeling for biochemistry.....	6 533
Chemistry and Chemical Engineering, special equipment.....	5 324

Geology, special equipment.....	\$ 1 643	
Physiology, special equipment.....	1 796	
Illini Hall, improvements in room 331.....	77	
Speech and Theatre, special equipment.....	1 035	
1208 West California Avenue, retaining wall.....	3 000	
Bicycle parking areas.....	5 549	
Fence repairs.....	781	
Bicycle lanes.....	2 403	
Recreational area Stadium Drive.....	16 032	
Sanitary sewer dairy barns.....	4 351	
Storm sewer improvements.....	2 500	
Veterinary Medicine, special equipment.....	4 270	
Library, special equipment.....	3 126	
Art museum.....	8 533	
Architectural studies for future buildings.....	58 369	
Electrical Engineering, bioacoustics laboratory.....	60 943	
Classrooms, improving lighting.....	30 000	
Minor improvements.....	389	
Memorial Stadium, lightning protection.....	1 812	
Nursery relocation.....	1 655	
Parking facilities.....	2 252	
Remodeling and minor additions unassigned.....	19 383	
Tree removal.....	4 952	
University Press Building.....	435	1 126 627
<i>Total, Urbana-Champaign.....</i>		<i>(1 702 189)</i>
<i>Chicago Professional Colleges</i>		
General administration and expense.....	9 250	
Estimates and alterations.....	3 290	12 540
Medicine.....		21 339
Dentistry.....		6 872 ¹
Pharmacy.....		583
Graduate College.....		9 736
College of Nursing.....		288 ¹
Physical Education.....		426
Broadcasting.....		214 ¹
Aeromedical Laboratory.....		1 774 ¹
Division of Services for Crippled Children.....		95 515
Research and Educational Hospitals.....		158 715 ¹
Library.....		6 521 ¹
<i>Physical Plant</i>		
Regular operation and maintenance.....	87 923 ¹	
Renewals and replacements.....	26 462	
Medical Center Steam Plant.....	110 000	48 539
<i>Unexpended plant</i>		
Admissions and Records, microfilming.....	572	
Admissions and Records, equipment.....	183	
Ophthalmology, equipment.....	4 840	
Physiology, equipment.....	166	
Pathology, equipment.....	1 326	
Dentistry, X-ray machine.....	1 211	
Pharmacy, equipment.....	3 199	
Physiology and Pharmacology, equipment.....	777	
Radiology, equipment.....	3 761	
Radiology and Anesthesiology, equipment.....	980	
Radiology, X-ray film processing unit.....	19 000	
Architectural studies for future buildings.....	9 603	
Pharmacology, remodeling room 409a.....	954 ¹	
Electrical service improvements.....	283	
Physiology, install fume hoods.....	17 312	
Ophthalmology, remodeling.....	4 853	
Pharmacy, conversion of classrooms.....	1 644	
Dental Clinics, remodeling.....	751	
Biochemistry, remodeling room 313.....	6 548	

Research and Educational Hospitals addition, install exit door.....	\$ 1 650		
Campus protective lighting.....	1 171		
Research and Educational Hospitals, Radiology, install communication system.....	2 100		
Dentistry-Medicine-Pharmacy Building, air condition room 165.....	1 355		
Pathology, install washer.....	950		
Minor estimating unassigned.....	295		
Hospital Residence, sign.....	340		
Pharmacology, remodeling room 407.....	500		
Dentistry, bulletin board.....	500		
Dental Admissions, partition.....	500		
Room 408, install 220 volt line.....	450		
Research and Educational Hospitals, partition room 21.....	475		
Room 258, install window air conditioner.....	500		
Research and Educational Hospitals, eighth floor, estimate of germ free environment.....	300	87 141	
<i>Total, Chicago Professional Colleges.....</i>		<i>(101 435)</i>	
<i>Chicago Undergraduate Division</i>			
General administration and expense.....	2 009		
Art gallery.....	137		
Auditorium expense.....	1 808		
Radioisotope.....	1 627	3 572	5 581
Liberal Arts and Sciences.....			6 443 ¹
Engineering.....			7 723 ¹
Graduate College.....			1 678
Commerce and Business Administration.....			207 ¹
Physical Education.....			2 793 ¹
Armed Forces.....			500
Library.....			512 ¹
<i>Physical Plant</i>			
Regular operation and maintenance.....	37 819 ¹		
Building rentals and insurance.....	4 157	33 662 ¹	
<i>Unexpended plant</i>			
Office of the Dean, special equipment.....	174		
Engineering and Architecture, remodeling.....	2 073		
Biological Laboratory, remodeling.....	5 900		
Lecture room, remodeling.....	5 398		
Admissions and Records, air conditioning.....	1 064		
Library, remodel rooms 39, 40, and 42, and area 332.....	1 556		
Remodel rooms 113, 120 and 132.....	500	16 665	
<i>Total, Chicago Undergraduate Division.....</i>		<i>(26 916)¹</i>	
<i>Grand Total.....</i>		<i>\$1 776 708</i>	

CONTRACT FOR ADDITION TO ABBOTT POWER PLANT

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$26,202 to Sprinkmann Sons Corporation of Illinois, Peoria, the lowest bidder, for thermal insulation (Division "8-Q") in the construction of an addition to the Abbott Power Plant.

Funds for this are provided in the state capital appropriations to the University for 1961-63 to be available in the proceeds of the Universities Building Fund and are subject to release by the Governor.

I recommend authorization of this contract, subject to availability of funds.

On motion of Mr. Johnston, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

ADDITION TO CONTRACT FOR CONSTRUCTION OF ASSEMBLY HALL

(13) The Vice-President and Comptroller and the Director of the Physical Plant

¹ Deduct.

recommend an increase of \$12,635.41 in the contract with Felmley-Dickerson Company for construction of the Assembly Hall to provide for enlargement and improvement of the projection booth, on the basis of further study of most effective use of the facilities.

I concur.

On motion of Mr. Swain, this change in the contract was authorized.

AGREEMENT WITH STATE OF ILLINOIS DIVISION OF HIGHWAYS

(14) On July 25, 1961, the Executive Committee of the Board of Trustees authorized award of a contract, subject to release of funds, for the construction of the southwest campus storm sewer. The State of Illinois Department of Public Works and Buildings, Division of Highways, has requested permission to use this sewer for drainage of its Florida Avenue subway under the Illinois Central Railroad. The southwest campus storm sewer is designed to carry this added load. It will be advantageous to the University to permit the Department of Public Works and Buildings to make this connection as the major portion, if not all, of the open ditch from the pumping station to the culvert under the Illinois Central Railroad right-of-way can be eliminated and filled in; and the site of the pumping station conveyed to the state of Illinois by the University under a "Grant of Right-of-Way Easement" dated December 1, 1958, will be abandoned for highway purposes and revert to the University under the terms of the easement.

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of an agreement with the Illinois Department of Public Works and Buildings according to the following conditions:

The University will provide a 24-inch stub connection in the manhole structure on the southwest campus storm sewer adjacent to the pumping station site.

The state will prepare plans and specifications and shall assume all cost for construction, cleaning and maintenance of a 24-inch storm sewer from the inlet manhole at the Florida Avenue subway to the manhole structure referred to above.

The University grants to the state during the terms of the agreement the right and easement to construct, clean, and maintain said 24-inch storm sewer upon a strip of University property ten feet in width centered upon the line of said storm sewer between the inlet manhole at Florida Avenue subway and the manhole structure.

Upon completion of construction of the Southwest Campus Storm Sewer and the 24-inch outlet connection from the Florida Avenue subway, the state will remove its pumping equipment from the pumping station and notify the University that it no longer uses that portion of the premises for a public roadway and, as a consequence, under the terms of the grant, the land, including the building, will revert to the University.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute an agreement with the State of Illinois Department of Public Works, Division of Highways, as stipulated above.

On motion of Mr. Clement, this agreement was authorized without a dissenting vote.

RELEASE FOR EASEMENT FOR AIRPORT DRAINAGE

(15) The University has an easement which was granted by Samuel R. Somers on property located one and one-half miles west of the center of the Airport, for maintenance of a tile which is necessary for drainage at the Airport. A portion of this tile is on land which will be used for the construction of Interstate Route 57. In order for the State Division of Highways to obtain clear title to the land, the University's rights under this easement must be subordinated to the extent necessary to give the Division of Highways control of the surface. In consideration of this release, the State Division of Highways will agree to maintain the tile on its new right-of-way. This is advantageous to the University since it will relieve the University of any possible maintenance costs in this area.

The Director of the Institute of Aviation, the Vice-President and Comptroller, and the Legal Counsel recommend and I concur that the following resolution be adopted:

Resolution

Be It, and It Is Hereby Resolved, by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized, empowered and directed, for and on behalf of, and in the name of, this public corporation to prepare, execute, acknowledge and deliver to the State of Illinois, and its Department of Public Works and Buildings, Division of Highways such agreement, grant, and other documents as they, after consultation with and approval by the Legal Counsel, deem necessary and desirable to release to the State of Illinois and its Department of Public Works and Buildings, Division of Highways, its right, title, and interest acquired in, through or by that Grant of Easement dated August 3, 1944, from Samuel R. Somers, Grantor, to the University of Illinois, Grantee, which said easement is recorded in Book 266, page 402, in the Recorder's Office of Champaign County, Illinois, (and which said easement entitles this public corporation to certain rights of drainage and to maintain a tile across the South One Half (S $\frac{1}{2}$) of the South-East One-Quarter (SE $\frac{1}{4}$) of Section 4, Township 18 North, Range 8 East of the third P.M. in Champaign County, Illinois) to the extent necessary to subordinate this public corporation's rights under said easement to the rights hereunder to be granted to the people of the State of Illinois to construct, reconstruct, operate and maintain a highway designated as Federal Aid Interstate Route 57 across said property at the following location:

That part of the S $\frac{1}{2}$ of the SE $\frac{1}{4}$ of Section 4, T. 18 N., R. 8 E., of the 3rd P.M., Champaign County, Illinois, that lies between a line parallel to and 125 feet Westerly of, and a line parallel to and 135 feet Easterly of, the surveyed centerline of proposed Federal Aid Interstate Route 57 as recorded in Book M, page 131 of the records in the Recorder's Office in Champaign County, Illinois, extending from the South line of the above described property at Station 189+75.52 Northerly along said centerline to the North line of the above described property at Station 203+20.46.

All distances between parallel lines are measured normal to the said centerline. The said tract of land contains 8.03 Acres, more or less, situated in Champaign County, Illinois;

to insure adequate and sufficient lateral and vertical support thereof, and to enable the State to control access thereto; on condition that the State of Illinois, through its Department of Public Works and Buildings, and Division of Highways will maintain and keep in good repair said public corporation's tile drainage system within the limits of that area wherein the State of Illinois, through its Department of Public Works and Buildings, and Division of Highways acquires rights hereunder to the control of the surface.

On motion of Mr. Johnston, the foregoing resolution was adopted without a dissenting vote.

SALE OF SECURITIES

(16) The investment counsel for the University's pooled endowment funds recommends the sale of certain stocks held as assets of that fund. The Finance Committee has studied the recommendation and concurs in it.

To carry out this sale, the Board of Trustees is requested to approve the following resolution:

Resolution

WHEREAS, The Board of Trustees of the University of Illinois is the owner of 500 shares of Abbott Laboratories, 624 shares of Continental Insurance, and 10 shares of Standard Oil Company of New Jersey common stocks, and

WHEREAS, the Finance Committee of said Board has determined that it is advantageous to sell the above listed securities,

Now, Therefore, Be It Resolved by The Board of Trustees of the University of Illinois that these securities be sold and that H. O. Farber, Comptroller, and A. J. Janata, Secretary, be authorized to execute all documents necessary to complete such sale.

On motion of Mr. Swain, the foregoing resolution was adopted.

NATIONAL SCIENCE FOUNDATION GRANTS

(17) The National Science Foundation has made the following grants to the University for capital improvements:

Construction of a research facility for the School of Life Sciences....\$170 000 00
Construction of additional laboratory facilities for research in gaseous electronics 60 000 00

The Board of Trustees has approved assignments of matching University funds for these projects to comply with the grant requirements and has authorized the awards of construction contracts.

This report was received for record.

PURCHASES

Purchases Authorized

(18) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice President and Comptroller. Unless otherwise specified, the purchase in each case was recommended on the basis of the lowest acceptable bid.

Urbana-Champaign Departments

Item	Department	Vendor	Cost
14.24 tons diammonium phosphate fertilizer and 23.75 tons ammonium phosphate nitrate fertilizer for ten Allerton Trust Farms	Agricultural Economics	Tennessee Valley Authority, Knoxville, Tenn.	\$2 711 28 f.o.b. Sheffield, Ala.
Furnish and erect two silos, one 14 ft. by 40 ft. and one 16 ft. by 40 ft., at the Lincoln Avenue Dairy Barns, and the removal of two old existing silos; the new silos are to be erected on the existing foundations	Dairy Science	Madison Silo Co., El Paso	4 500 00 f.o.b. delivered and erected
64 gymnasium basket racks 1,344 baskets with puffer guard for above racks These items are to be installed in women's locker rooms in the English Building and in the Women's Gymnasium	Physical Plant	Lyon Metal Products, Inc., Aurora	3 042 74 f.o.b. delivered

The following purchases were approved by the Executive Vice-President and Provost, acting for the President, pursuant to authorization by the Board of Trustees to act on the recommendations for purchases under International Cooperation Administration Contracts. The purchases will be from funds supplied by the International Cooperation Administration under its contract with the University for educational services to institutions of higher education in India.

Item	Department	Vendor	Cost
One lot medical laboratory equipment and supplies	International Cooperation Administration Contracts	American Hospital Supply Corp., Flushing, N.Y.	\$10 136 06 f.a.s. New York, N.Y.
One lot laboratory equipment	International Cooperation Administration Contracts	Fisher Scientific Co., New York, N.Y.	3 183 06 f.a.s. New York, N.Y.

On motion of Mr. Harewood, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of the lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

Item	Department	Vendor	Cost
One low background automatic scanner for recording radioactivity	Biological Chemistry	Vanguard Instrument Co., LaGrange	\$2 600 00 delivered
One automatic superspeed refrigerated centrifuge	Biological Chemistry	Ivan Sorvall, Inc., Norwalk, Conn.	3 398 00 delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One infrared spectrophotometer and attachments	Biological Chemistry	The Perkin-Elmer Corp., LaGrange	\$4 195 00 delivered
One X-ray projector with projection head	Orthopaedic Surgery	Gordon Consultants, Chicago	3 050 00 delivered
One high-speed refrigerated centrifuge and accessories, 102 bags corks, 52 packages filter paper, 36 rolls para-film, 6 dozen compressors, 144 tubes stopcock lubricant, 12 dozen beakers, 48 connecting tubes, 96 sponges, 300 gross microscope slides, 2 dozen pinch cocks, 412 plastic bottles, 1000 feet plastic tubing	Pediatrics	Scientific Products, Evanston	3 722 54 delivered
Three-year comprehensive elevator liability insurance on 11 freight and 25 passenger elevators located in the Chicago Illini Union, Dentistry-Medicine-Pharmacy Building, East Dentistry-Medicine-Pharmacy Building, Research and Educational Hospitals, Illinois Neuropsychiatric Institute, Residence Hall for Men, Medical Research Laboratory, and Laundry Building at the Chicago Professional Colleges, with limits of \$100/\$500,000 bodily injury and \$25,000 property damage	Physical Plant	Roby Insurance Co., Decatur, representing Zurich Insurance Co.	6 293 12
793 cases paper containers and paper specialties to be ordered as needed from October 1, 1961, through September 30, 1962	General Stores, Chicago Undergraduate Division	Levin Bros. Paper Corp., Chicago	9 338 95 delivered

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One laboratory electromagnet, four-inch, with one pair of Henry design constant H dh/dx pole caps	Chemistry and Chemical Engineering	Varian Associates, Palo Alto, Calif.	\$3 305 00 f.o.b. delivered
One spectrophotometer consisting of a monochromator, lamp housing, power supply, sample changer, and hydrogen bulb	Chemistry and Chemical Engineering	W. H. Kessel & Co., Chicago	5 291 65 f.o.b. delivered
Laboratory chemicals to be used as stock in General Chemical Stores for the first semester, 1961-62	General Chemical Stores	Mallinckrodt Chemical Works, St. Louis, Mo. J. T. Baker Chemical Co., Chicago General Chemical Division, Allied Chemical Corp., Chicago Fisher Scientific Co., Chicago Merck & Co., Inc., St. Louis, Mo.	6 267 41 4 024 34 3 543 67 2 432 95 1 259 64 (17 528 01) f.o.b. delivered
Two paper tape readers 1000 characters per second, to read 5, 6, 7, or 8-hole punched paper tape; tape widths $1\frac{1}{16}$ in., $\frac{7}{8}$ in., and 1 in.; stop time 0.5 milliseconds; tape can be stopped on any selected character throughout the full speed range	Coordinated Science Laboratory	GENESYS, Los Angeles, Calif.	3 950 00 f.o.b. delivered
5,000 type 2N711 transistors	Coordinated Science Laboratory	Sylvania Electric Products, Inc., Melrose Park	8 000 00 f.o.b. delivered
One optical measuring tool, inclinable (90°) optical rotary (360°) table, 12 in., 2 optical scales for direct reading to one second of arc	Coordinated Science Laboratory	Scherr-Tumico Chicago Co., Chicago	6 602 50 f.o.b. delivered
One electronic induction heater, high frequency, 208 V, 3 phase, 60 cycle input, 30 kw. output, RF transformer, continuously adjustable control of output power from about 15 per cent to 100 per cent automatic recirculating water heat exchanger, and filament regulation to plus or minus 1 per cent for 10 per cent line variation	Coordinated Science Laboratory	Induction Heating Corp., Brooklyn, N.Y.	10 950 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One spark-erosion type universal machine tool equipped with electrode vibrator device, micrometer and limit switch, dielectric tank, work lamp, and 1.5 kw. generator	Coordinated Science Laboratory	Carl Hirschmann Co., Inc., Chicago	\$10 741 70 f.o.b. delivered
One illuminated microscope, 30 times magnification			
Pump and filter unit			
Seven-spring collets			
One work bench			
One ultramicrotome to cut sections 100 angstrom units thick or less to cut serial sections, with thermal advance of block and retractable knife holder; illumination is to be centerable with viewing microscope and will have adjustable cutting speeds	Electron Microscope Laboratory	LKB Instruments, Inc., Washington, D.C.	4 127 00 f.o.b. delivered
2,000 feet electrical power cable, RHW insulation, neoprene outer jacket, 2/0 gauge, 3 wire plus ground for Electrical Engineering Research Laboratory for Radio Direction Finder research project for the United States Navy at Monticello Road Field Station	Electrical Engineering	Tepper Electric, Champaign	2 595 88 f.o.b. delivered
Two 1,000 feet lengths matched, unspliced combination cable consisting of six video pairs and 12 pair No. 19 AWG type 19S90, cabled, core tape, black high molecular weight polyethylene jacket, GRS heat barrier 8 mil aluminum shielding tape, applied longitudinally, 0.0072-in. steel tape applied longitudinally, black H.M.W. polyethylene jacket	Electrical Engineering	General Cable Corp., Springfield	2 552 00 f.o.b. factory, freight allowed on 300 lb. or more
Two basic scintillation probes for use in clinical studies using gamma emitting radioactive isotopes and two scalars for use with basic scintillation probes	General Engineering	Radiation Instrument Development Laboratory, Inc., Northlake	2 690 00 f.o.b. delivered
One analytical ultracentrifuge with optical system, refrigeration and vacuum system, and accessory cells	Microbiology	Spinco Division, Beckman Instruments, Inc., Palo Alto, Calif.	24 981 20 f.o.b. delivered
One electron beam floating zone apparatus, including installation, and consisting of tungsten emitter; automatic program drive; furnace chamber; high vacuum system; and DC power supply, 5 kv., 500 Ma., with automatic, constant-beam current feed back control	Mining, Metallurgy, and Petroleum Engineering	Materials Research Corp., Yonkers, N.Y.	18 500 00 f.o.b. delivered
One pipe organ, fifteen rank, two manual to be furnished and installed in Room 105 Smith Music Hall, less trade-in allowance on a two-manual pipe organ	Music	Wicks Organ Co., Highland	14 311 44 f.o.b. delivered and installed
One electromagnet, 12 in. diameter pole tip with 4 in. air gap; two precision pole caps, 12 in. diameter for 2 in. gap and tapered to 6 in. diameter for 2 in. gap; homogeneity approximately one part in 100,000; 360 degrees rotation; magnet to produce at least 10 kg. in a 4 in. gap with 12 in. diameter poles; high impedance coils capable of dissipating 9 kw. of power	Physics	Pacific Electric Motor Co., Oakland, Calif.	10 900 00 f.o.b. delivered
One matching 9 kw. power supply			
One recording oscillograph, 6 channel, 9 speed, instant shift chart drive, consisting of oscillograph, housing, 6 driver amplifiers, 6 oscillographs, 1 signal marker, 1 four-channel selector switch, 2 low-level DC preamplifiers, 4 integrators, 2 tachographs, and 4 amplifiers	Psychology	Grass Instrument Co., Quincy, Mass.	4 975 00 f.o.b. delivered
5,950 diploma covers, size 11 $\frac{1}{4}$ in. x 9 $\frac{1}{4}$ in. book style, blue leather cover, gold imprinted University of Illinois seal	Admissions and Records	The Welch Scientific Co., Chicago	9 817 50 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One electronic organ, two-manual, with full 32-note pedalboard, with each note capable of being tuned individually	Bands	House of Organs, Champaign	\$ 2 891 00 f.o.b. delivered
16,000 copies, Unit 5, <i>High School Mathematics, Students' Edition</i> , printed and bound, trimmed size 8½ in. x 11 in., 300 pages per copy	University Press	George Banta Co., Menasha, Wis.	8 187 00 f.o.b. Menasha, Wis.
16,000 copies, Unit 6, <i>High School Mathematics, Students' Edition</i> , printed and bound, 8½ in. x 11 in. trimmed size, 458 pages per copy	University Press	George Banta Co., Menasha, Wis.	11 628 00 f.o.b. Menasha, Wis.
Paper cups, paper containers, and napkins; approximately one-year's supply	Office Supply Store	Gershuny & Epstein, Inc., Chicago Group I Group II Janitor Supplies, Inc., Champaign, Group III	6 794 90 2 012 56 1 587 15 (10 394 61) f.o.b. delivered
192 reams cover paper, No. 4 sulphite, 65 lb., antique finish, as follows: 12 reams 23 in. x 35 in. gray 12 reams 20 in. x 26 in. gray 2 reams 20 in. x 26 in. orange 6 reams 20 in. x 26 in. scarlet 50 reams 20 in. x 26 in. fern green 50 reams 20 in. x 26 in. sky blue 60 reams 20 in. x 26 in. white (Estimated six-month supply)	Office Supply Store	Decatur Paper House, Inc., Decatur	2 786 38 f.o.b. delivered
12,500 reams mimeograph paper, 16 lb., 8½ in. x 11 in., assorted colors (estimated six-month supply)	Office Supply Store	Decatur Paper House, Inc., Decatur	7 564 38 f.o.b. Urbana
One darkroom all-metal camera with 17 in. lens (without fluorescent lights) and including 30 in. x 40 in. copy board, motorized vertical and horizontal lens movement, horizontal loading of vacuum back, one pair pulsed xenon arc lamp assembly with camera mounting brackets, and vacuum motor foot switch	Photography	Roberts & Porter, Inc., Chicago	3 344 00 f.o.b. delivered
Furnish steel laboratory furniture for the Bioacoustics Laboratory in the Electrical Engineering Annex	Physical Plant	E. H. Sheldon Equipment Co., St. Louis, Mo.	4 158 05 f.o.b. delivered
Steel laboratory furniture to be installed in Room 404 Natural History Building	Physical Plant	E. H. Sheldon Equipment Co., St. Louis, Mo.	2 793 20 f.o.b. delivered
One industrial tractor, 62.5 HP, complete with enclosed cab, beater, and one-half cubic yard bucket loader; less trade-in allowance for a 1951 Ford tractor	Physical Plant Storeroom	MacCarthy Ford Tractor Sales, Kankakee	3 504 00 f.o.b. delivered
70,000 gallons (approximately) Standard Commercial No. 5 fuel oil to be furnished as required for Terminal Building, University of Illinois Airport, Savoy, Illinois, during the period October 1, 1961, to June 30, 1963	Institute of Aviation	Russell Stewart Oil Co., Urbana	5 740 00 f.o.b. delivered
One van truck, one-half ton, compact size, 6 cylinder	Allerton House	University Ford Sales, Champaign	1 376 10
One suburban carryall, V-8	Illinois Natural History Survey	International Harvester Co., Springfield	2 136 73
One special van truck, one ton standard size, V-8	College of Agriculture	Rossetter Motor Co., (Ford), Peoria	3 672 53 (7 185 36) f.o.b. delivered

On motion of Mr. Harewood, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(19) The Comptroller's report of contracts executed during the period July 16 to August 31, 1961.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Iron & Steel Institute	Behavior of high strength steel in columns	\$13 000 00	June 6, 1961
American Oil Co.	Accelerated drying of farm grains	22 500 00	June 30, 1961
American Steel & Wire Division	Behavior of deformed wire fabric in concrete	6 800 00	June 7, 1961
Burrell Construction & Supply Co.	Lime-pozzolan mixtures and lime stabilization of soils; with Department of Civil Engineering	1 000 00	July 20, 1961
The Connecticut Light & Power Co.	Lime-pozzolan mixtures and lime stabilization of soils; with Department of Civil Engineering	2 000 00	July 27, 1961
G. & W. H. Corson, Inc.	Lime-pozzolan mixtures and lime stabilization of soils; with Department of Civil Engineering	3 125 00	August 25, 1961
National Lime Association	Lime-pozzolan mixtures and lime stabilization of soils; with Department of Civil Engineering	7 500 00	July 14, 1961
Philadelphia Electric Co.	Lime-pozzolan mixtures and lime stabilization of soils; with Department of Civil Engineering	2 000 00	July 20, 1961
International Cooperation Administration ICAC-1943	Advice and assistance for the organization of medical education programs of the Chienghai faculty of medicine, Thailand	23 372 00	July 7, 1961
National Lime Association	Reactions in clay mineral and other mineral components of soils when treated with lime for purpose of stabilization; with Department of Geology	5 625 00	August 3, 1961
Rohm & Haas Co. (under its prime contract with United States Army)	Stress problems for solid propellant rockets	16 874 98	June 16, 1961
United States Air Force AF-AFOSR-61-122	Basic research in materials sciences	95 000 00	June 30, 1961
United States Air Force AF 29 (601) 4578	Investigation of continuous and/or restrained reinforced concrete, deep, structural members	40 000 00	September 1, 1961
United States Air Force AF 33 (608) 674	Instruction for not more than 175 students	160 000 00	July 12, 1961
United States Air Force AF 49 (638) 1048	Theory of superconductivity and related problems of the solid state	156 813 00	June 26, 1961
United States Air Force AF 49 (638) 1095	Angular distribution in effusion	24 897 00	June 30, 1961
United States Army DA-ARO (D) 31-124-G137	Nucleophilic attack of aromatic rings by organometallic compounds	3 365 25	September 1, 1961
United States Army DA-ARO (D) 31-124-G148	Residual stresses and heterogeneous yielding on brittle fracture	43 950 00	June 26, 1961
United States Army DA-ARO (D) 31-124-G155	Stabilization effects in binary and ternary alloy systems of the transition elements	51 066 00	June 26, 1961
United States Army DA-SIG-36-039-61-G13	Exploratory research in interdisciplinary science	990 000 00	June 29, 1961
United States Atomic Energy Commission AT (11-1) 1063	Study of fall-out and mineral metabolism, human physiology, animal physiology, genetics, and nutrition utilizing a scintillation counter capable of counting animals as large as mature bovine and as small as laboratory animals	50 000 00	June 15, 1961
United States Atomic Energy Commission AT (11-1) 1069	Motion of gas and vapor bubbles in liquids	26 749 00	June 15, 1961
United States Navy N 228-54354	Instruction of officer students	4 200 00	July 27, 1961
United States Navy N 600 (22) 57197	Educational instruction for reserve officers	41 000 00	July 20, 1961
<i>Total</i>		<u>\$1 790 837 23</u>	

Purchase

\$ 50 000	U. S. Treasury notes	3¼%	8/15/62	\$ 50 109 38
35 000	U. S. Treasury notes	3¼%	2/15/62	35 098 44

Revenue Bonds of 1956 as authorized by Board of Trustees resolutions dated March 23, 1956, and September 18, 1956.

Purchase

\$ 49 000	U. S. Treasury bills		9/21/61	\$ 48 665 58
14 000	U. S. Treasury notes	3¼%	2/15/62	14 048 13
23 000	U. S. Treasury notes	3¼%	8/15/62	23 050 31

CHICAGO***Sinking Funds***

Dentistry-Medicine-Pharmacy Building Revenue Bonds as authorized by Board of Trustees resolution dated December 16, 1953.

Purchase

\$ 2 500	U. S. Treasury bonds	2½%	2/15/65	\$ 2 412 50
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This report was received for record, and the actions of the Finance Committee were confirmed.

**EMPLOYMENT OF ARCHITECTS AND ENGINEERS
FOR CHICAGO CAMPUS BUILDINGS**

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of the following architectural and engineering firms for the designs of buildings and other facilities for the new University of Illinois campus in Chicago:

Skidmore, Owings, and Merrill, Chicago—Complete architectural services for the Lecture Center and overhead walkway; Academic Staff and Administrative Office Building; Library; Engineering Science Laboratory Building; classroom units.

Fee to be five and one-half per cent of the construction contract costs.

Naess and Murphy, Chicago—Complete architectural services on the Union, Recreation, and Theatre Center Building.

Fee to be five and one-half per cent of the construction contract costs.

A. Epstein and Sons, Inc. Chicago—Complete architectural and engineering services on the Service Buildings.

Fee to be five and one-half per cent of the construction contract costs.

Sargent and Lundy, Chicago—Complete engineering services on the design of a year-round heating and air-conditioning plant and distribution system.

Fee to be the standard prevailing professional charges for such engineering services.

The Committee on Buildings and Grounds has considered and is prepared to support these recommendations.

I recommend that contracts commissioning these firms for the services and on the general terms indicated be authorized.

On motion of Mr. Pogue, these contracts were authorized as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CAPITAL APPROPRIATIONS FOR 1961-63

(23) The Seventy-second General Assembly appropriated the amounts shown in the schedule below for land, buildings, and other capital improvements at the University of Illinois for the biennium 1961-63. All appropriations are from the Universities Building Fund. The schedule also shows the amounts already released by the Governor to date.

I recommend that the Board appropriate the \$98,500,000 for the purposes indicated as the funds become available.

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Commercial Solvents Corp.	Vitamins and growth factors in swine nutrition	\$ 3 000 00	August 7, 1961
Griffin Wheel Co.	Improvement of cast steel railway car wheels	15 500 00	July 3, 1961
Institute of Boiler and Radiator Manufacturers	Performance of steam and hot water heating systems and related equipment	39 600 00	August 3, 1961
International Minerals & Chemical Corp.	Factors influencing the decomposition of rock phosphate in soils	2 000 00	March 1, 1961
State of Illinois Department of Public Safety	Operate fire college and regional fire school programs from July 1, 1961, to June 30, 1963	150 000 00	July 17, 1961
State of Illinois Department of Public Welfare Project No. 1707	Tissue culture of neurons	46 170 00	July 1, 1961
State of Illinois Department of Public Welfare Project No. 1723	Psychosomatic differentiation in infancy	48 894 00	July 1, 1961
State of Illinois Department of Public Welfare Project No. 1747	Relation of neural metabolism to function	20 198 00	July 1, 1961
Tee-Pak Foundation	Various types of films as retardants to deterioration of meat and meat products	3 500 00	June 1, 1961
United States Air Force AF 29 (601) 2390	Confidential	10 000 00	June 27, 1961
United States Air Force AF 29 (601) 2876	Effects of dynamic loads on soils and buried structures	15 000 00	June 30, 1961
United States Air Force AF 33 (616) 6079	Antenna research	44 249 00	June 26, 1961
United States Army DA-11-022-ORD-3488	Problem areas in the field of structural mechanics, aerodynamics, and flight mechanics incident to the design and analysis of weapons systems	18 000 00	June 29, 1961
United States Army DA-11-022-ORD-3505	Artillery carriage dynamics study	41 519 00	June 29, 1961
United States Army DA-18-064-404-CML 426	Synthesis of fluorine compounds	18 000 00	July 28, 1961
United States Army DA-19-129-QM 1332	Development of techniques for the objective description of freeze-dehydrated cooked beef	2 989 68	July 26, 1961
United States Army DA 22 079-eng-240	Analytical study of dynamic bearing capacity of soils	1 000 00	June 22, 1961
United States Army DA 49-193-MD-2060	Interpersonal and psychological adjustment of group members	23 114 00	July 13, 1961
United States Atomic Energy Commission AT (11-1) 67 Project No. 3	Mechanism of substitutional diffusion in metals	10 500 00	June 29, 1961
United States Atomic Energy Commission AT (11-1) 182	Determine the nature and number of lattice imperfections introduced into crystalline solids by nuclear irradiation at liquid helium temperature	301 878 00	June 26, 1961
United States Atomic Energy Commission AT (11-1) 182	Determine the nature and number of lattice imperfections introduced into crystalline solids by nuclear irradiation at liquid helium temperature	53 360 00	June 29, 1961
United States Atomic Energy Commission AT (11-1) 276	Properties and behavior of aerosol particles and systems	3 540 00	June 29, 1961
United States Atomic Energy Commission AT (11-1) 392	Obtaining one millimeter source of C.W. microwaves and associated components	27 280 00	June 29, 1961
United States Atomic Energy Commission AT (11-1) 415	Unclassified research on electronic high-speed digital computers	77 250 00	June 29, 1961
United States Atomic Energy Commission AT (11-1) 691	Radiation chemistry and chemical kinetics	2 439 00	June 29, 1961

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Atomic Energy Commission AT (11-1) 833	Atomic energy research and development	\$ 12 000 00	June 29, 1961
United States Navy Nobs 77137	Evaluate the effects of subfactors as weld geometry, undercutting and welding conditions on fatigue behavior of Hy-80 steels	53 210 00	August 7, 1961
United States Navy Nonr-1834 (05)	Nuclear disintegration schemes and nuclear interactions of cosmic rays	958 300 00	June 13, 1961
United States Navy Nonr-1834 (31)	Spectral reflectance characteristics of forest vegetation	43 468 00	May 29, 1961
United States Navy Nonr-2947 (01) X	Unstable fracture in steels	50 000 00	May 29, 1961
<i>Total</i>		<u>\$2 095 958 68</u>	

Adjustments Made in 1960-61 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Twelve items: \$166.80 deduct to \$220.74	\$ 13 60	July and August, 1961

Adjustments Made in 1961-62 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Forty-one items: \$466.39 deduct to \$7,501.00	\$22 584 68	July and August, 1961
M. E. Hollett (Painting)	Four items: \$30.00 to \$4,400.00	7 264 00	August, 1961
<i>Total</i>		<u>\$29 848 68</u>	

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(20) The Comptroller presents his quarterly report to the Board as of June 30, 1961.

This report was received for record, and a copy has been filed with the Secretary of the Board.

INVESTMENT REPORT

Report of the Finance Committee

(21) Mr. Swain, for the Finance Committee, reported the following changes in investments of trust funds from April 1 through June 30, 1961:

URBANA-CHAMPAIGN

Endowment Funds

Purchase				
\$ 7 000	U. S. Treasury bonds	3%	8/15/66	\$ 6 934 38
47 000	U. S. Steel Corp.	4½%	4/15/86	46 692 50
5 000	Allied Chemical and Dye	3½%	4/1/78	4 725 00

Current Funds

Purchase				
\$ 500 000	U. S. Treasury notes	4%	5/15/62	\$ 505 937 50
500 000	U. S. Treasury bills		6/23/61	498 992 50
500 000	U. S. Treasury bills		12/28/61	494 157 78
1 000 000	U. S. Treasury bonds	2¼%	6/15/62	994 531 25
500 000	U. S. Treasury bonds	2½%	11/15/61	500 078 13
Exchange				
\$ 500 000	U. S. Treasury certificates	4¾%	5/15/61 for	
500 000	U. S. Treasury certificates	3%	5/15/62	
1 000 000	U. S. Treasury certificates	4¾%	5/15/61 for	
1 000 000	U. S. Treasury certificates	3%	5/15/62	

CHICAGO

Dentistry-Medicine-Pharmacy Investments

Purchase				
\$ 125 000	U. S. Treasury bills		8/31/61	\$ 124 230 00

Laundry Operations

Purchase

\$ 15 000	U. S. Treasury bills	8/10/61	\$ 14 918 25
15 000	U. S. Treasury bills	9/21/61	14 912 85

Beneficial Interest in Trust — City of Chicago Escrow Account

Purchase

\$ 59 000	U. S. Treasury notes	3¼% 5/15/63	\$ 59 000 00
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Report of the Comptroller

The Comptroller reports the following changes in unexpended plant investments, over which he has authority as shown.

URBANA-CHAMPAIGN

Construction Funds

Pennsylvania Avenue Construction Fund as authorized under Board of Trustees resolution dated June 21, 1961.

Purchase

\$ 235 000	U. S. Treasury bills	7/15/61	\$ 234 801 23
200 000	U. S. Treasury bills	7/20/61	199 778 89
345 000	U. S. Treasury bills	8/17/61	343 992 60
320 000	U. S. Treasury bills	10/16/61	317 801 60
340 000	U. S. Treasury bills	12/14/61	336 230 44
370 000	U. S. Treasury bills	1/15/62	364 886 81
230 000	U. S. Treasury bills	4/15/62	224 940 89
345 000	U. S. Treasury bonds 2¾%	9/15/61	345 431 25
370 000	U. S. Treasury bonds 2½%	11/15/61	370 115 63
380 000	U. S. Treasury notes 3¼%	2/15/62	381 128 13
260 000	U. S. Treasury notes 4%	5/15/62	262 315 63
1 305 000	U. S. Treasury notes 3¼%	8/15/62	1 307 650 78
116 000	U. S. Treasury notes 3¾%	11/15/62	117 141 87
660 000	U. S. Treasury bonds 2¾%	6/15/62	656 390 63

Illini Union and Health Center as authorized under Board of Trustees resolution dated December 21, 1960.

Purchase

\$ 43 000	U. S. Treasury bills	10/16/61	\$ 42 511 59
80 000	U. S. Treasury bills	6/23/61	79 731 22
300 000	U. S. Treasury notes 3⅝%	2/15/62	302 062 50
76 000	U. S. Treasury notes 3¾%	11/15/62	76 641 25
153 000	U. S. Treasury notes 3¾%	11/15/62	154 290 94

Housing Revenue Bonds of 1960 Series A (Orchard Downs) as authorized by Board of Trustees resolution dated June 14, 1960.

Sale

\$ 20 000	U. S. Treasury bills	6/22/61	\$ 19 934 77
100 000	U. S. Treasury bonds 2¾%	9/15/61	100 062 50

Purchase

\$ 139 000	U. S. Treasury bills	6/23/61	\$ 138 434 27
60 000	U. S. Treasury bills	6/23/61	59 879 75
260 000	U. S. Treasury bills	7/15/61	259 074 83
7 000	U. S. Treasury bills	8/17/61	6 960 70
220 000	U. S. Treasury bills	10/13/61	217 886 84
110 000	U. S. Treasury bills	7/15/61	109 861 52

Housing Revenue Bonds of 1959 Series C and D (Peabody Drive) as authorized by Board of Trustees resolution dated October 21, 1959.

Purchase

\$ 250 000	U. S. Treasury notes 3⅝%	5/15/61	\$ 250 234 38
130 000	U. S. Treasury bills	7/15/61	129 533 01
75 000	U. S. Treasury bills	6/15/61	74 897 96
27 000	U. S. Treasury bills	7/15/61	26 957 59

Assembly Hall Revenue Bonds Construction Fund as authorized by Board of Trustees resolution dated June 23, 1959.

Purchase

\$ 82 000	U. S. Treasury bills	5/18/61	\$ 81 873 58
108 000	U. S. Treasury bills	10/16/61	106 658 79
300 000	U. S. Treasury certificates 3%	5/15/62	300 656 25
500 000	U. S. Treasury bonds 2½%	11/15/61	500 078 13
600 000	U. S. Treasury bonds 2¼%	6/15/62	597 375 00
260 000	U. S. Treasury bills	4/15/62	253 650 80
280 000	U. S. Treasury bills	1/15/62	275 293 90
600 000	U. S. Treasury notes 3¼%	8/15/62	603 187 50
400 000	U. S. Treasury notes 3¼%	2/15/62	401 625 00
170 000	U. S. Treasury bills	12/21/61	167 880 29

Housing Revenue Bonds of 1959 Construction Fund B (Graduate Housing) as authorized by Board of Trustees resolution dated June 23, 1959.

Purchase

\$ 9 000	U. S. Treasury bills	5/11/61	\$ 8 994 40
9 000	U. S. Treasury bills	6/15/61	8 986 88
10 000	U. S. Treasury bills	7/20/61	9 980 17

Housing Revenue Bonds of 1958 as authorized under Board of Trustees resolutions dated December 17, 1958, and March 12, 1959.

Purchase

\$ 36 000	U. S. Treasury bills	5/25/61	\$ 35 955 45
39 000	U. S. Treasury bills	6/29/61	38 918 48
39 000	U. S. Treasury bills	7/27/61	38 937 51

Sinking Funds

Housing Revenue Bonds of 1960 Series B and C (Pennsylvania Avenue Residence Halls) as authorized by Board of Trustees resolution dated June 21, 1961.

Purchase

\$ 100 000	U. S. Treasury bills	9/21/61	\$ 99 483 56
100 000	U. S. Treasury notes 3¼%	2/15/62	100 250 00
101 000	U. S. Treasury notes 3¼%	8/15/62	101 189 38

Housing Revenue Bonds of 1960 Series A (Orchard Downs) as authorized by Board of Trustees resolution dated June 14, 1960.

Purchase

\$ 106 000	U. S. Treasury bills	9/21/61	\$ 105 236 80
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Housing Revenue Bonds of 1959 Series C and D (Peabody Drive) as authorized by Board of Trustees resolution dated October 21, 1959.

Purchase

\$ 20 000	U. S. Treasury bills	9/21/61	\$ 19 856 00
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Assembly Hall Revenue Bonds as authorized by Board of Trustees resolutions dated June 23, 1959, and July 21, 1959.

Purchase

\$ 6 000	U. S. Treasury bills	9/22/61	\$ 5 929 58
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Housing Revenue Bonds Sinking Fund as authorized under Board of Trustees resolutions dated December 17, 1958, and June 23, 1959.

Purchase

\$ 32 000	U. S. Treasury bills	9/21/61	\$ 31 600 32
2 000	U. S. Treasury bills	9/21/61	1 985 60

Men's Residence Halls Revenue Bonds of 1957 as authorized under Board of Trustees resolutions dated March 12, 1957, and November 18, 1959.

Sale

\$ 13 000	U. S. Treasury bills	6/23/61	\$ 12 924 34
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Purchase

\$ 36 000	U. S. Treasury bills	6/23/61	\$ 35 790 48
23 000	U. S. Treasury bills	12/21/61	22 708 59

Women's Residence Halls Revenue Bonds of 1956 as authorized by Board of Trustees resolution dated September 18, 1956.

Purchase					
\$ 50 000	U. S. Treasury notes	3¼%	8/15/62	\$	50 109 38
35 000	U. S. Treasury notes	3¼%	2/15/62		35 098 44
Revenue Bonds of 1956 as authorized by Board of Trustees resolutions dated March 23, 1956, and September 18, 1956.					
Purchase					
\$ 49 000	U. S. Treasury bills		9/21/61	\$	48 665 58
14 000	U. S. Treasury notes	3¼%	2/15/62		14 048 13
23 000	U. S. Treasury notes	3¼%	8/15/62		23 050 31

CHICAGO***Sinking Funds***

Dentistry-Medicine-Pharmacy Building Revenue Bonds as authorized by Board of Trustees resolution dated December 16, 1953.

Purchase					
\$ 2 500	U. S. Treasury bonds	2½%	2/15/65	\$	2 412 50

This report was received for record, and the actions of the Finance Committee were confirmed.

**EMPLOYMENT OF ARCHITECTS AND ENGINEERS
FOR CHICAGO CAMPUS BUILDINGS**

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of the following architectural and engineering firms for the designs of buildings and other facilities for the new University of Illinois campus in Chicago:

Skidmore, Owings, and Merrill, Chicago — Complete architectural services for the Lecture Center and overhead walkway; Academic Staff and Administrative Office Building; Library; Engineering Science Laboratory Building; classroom units.

Fee to be five and one-half per cent of the construction contract costs.

Naess and Murphy, Chicago — Complete architectural services on the Union, Recreation, and Theatre Center Building.

Fee to be five and one-half per cent of the construction contract costs.

A. Epstein and Sons, Inc. Chicago — Complete architectural and engineering services on the Service Buildings.

Fee to be five and one-half per cent of the construction contract costs.

Sargent and Lundy, Chicago — Complete engineering services on the design of a year-round heating and air-conditioning plant and distribution system.

Fee to be the standard prevailing professional charges for such engineering services.

The Committee on Buildings and Grounds has considered and is prepared to support these recommendations.

I recommend that contracts commissioning these firms for the services and on the general terms indicated be authorized.

On motion of Mr. Pogue, these contracts were authorized as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CAPITAL APPROPRIATIONS FOR 1961-63

(23) The Seventy-second General Assembly appropriated the amounts shown in the schedule below for land, buildings, and other capital improvements at the University of Illinois for the biennium 1961-63. All appropriations are from the Universities Building Fund. The schedule also shows the amounts already released by the Governor to date.

I recommend that the Board appropriate the \$98,500,000 for the purposes indicated as the funds become available.

<i>Purpose</i>	<i>Amount Appropriated</i>	<i>Amount Released</i>
For the Chicago Professional Colleges Campus		
Medical Sciences Addition.....	\$ 4 330 000	\$ 196 000
For the Chicago Undergraduate Division		
Land for permanent site.....	4 650 000	.....
Classroom, office, laboratory, and service buildings..	45 350 000	2 352 300
For the Urbana-Champaign Campus		
Education Building.....	3 630 000	110 000
Commerce Building.....	3 360 000	85 000
Physics Building Addition.....	3 350 000	2 940 000
Library Addition.....	1 500 000	40 000
Physical Plant Service Building.....	2 490 000	90 000
Electrical Engineering Building Addition.....	1 370 000	.....
Plant Sciences Building.....	3 880 000	3 400 000
Office-Classroom Building.....	2 775 000	.....
University Press Building.....	690 000	.....
Land.....	3 400 000	1 615 000
For the Urbana-Champaign and the Chicago Professional Campuses		
Power and Heating Plants and Utilities Distribution System.....	8 130 000	5 945 500
Rehabilitation of existing buildings.....	4 850 000	826 000
Preliminary studies of future buildings.....	1 560 000	5 000
Improvements to grounds.....	1 985 000	635 000
Matching funds to supplement outside grants.....	1 200 000	35 000
<i>Totals.....</i>	<i>\$98 500 000</i>	<i>\$18 274 800</i>

On motion of Mr. Swain, these assignments of funds were authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

ENROLLMENTS

Executive Vice-President and Provost Lanier reported on the enrollments in the University for the first semester of 1961-62.

OCTOBER, NOVEMBER, AND DECEMBER MEETINGS

President Williamson asked the Board if it desired a change in dates of any of the next three meetings.

It was the consensus that the October meeting should be held on the third Wednesday, October 18, 1961, as provided in the By-Laws of the Board. President Williamson stated that the meeting will be held at the Chicago Professional Colleges.

On motion of Mr. Wilkins, the Board voted to hold the November meeting on Tuesday, November 28, 1961, in Urbana, and the December meeting on Tuesday, December 19, 1961, in Chicago, at hours and places to be determined by the President and Secretary of the Board.

EXECUTIVE SESSION

President Williamson announced that an Executive Session had been requested, and was being ordered, to be held immediately after luncheon for consideration of property purchases and personnel matters.

The Board recessed for luncheon.

When the Board reconvened after luncheon, the same members and officers of the University were present as recorded at the beginning of these minutes.

ACQUISITION OF LAND FOR ILLINI UNION PARKING

(1) The Buildings and Grounds Committee has approved in principle a program for expanding the parking facilities for the Illini Union and the University of Illinois Foundation has been requested to acquire the properties at 601, 603, and 605 East Healey Street, Champaign. These properties will provide approximately eighty parking spaces to replace sixty reserved spaces on Burrill Avenue, the remaining spaces will be metered. Parking meters will be installed on 147 spaces on Burrill Avenue to accommodate Illini Union guests.

In addition, the Director of the Physical Plant recommends construction of twenty-two parking spaces between the Illini Union and the Natural History Building from Illini Union funds at an estimated cost of \$26,000. These spaces would be used primarily by occupants of Illini Union guest rooms.

The cost of the three properties on Healey Street is \$97,500 and the parking lot construction is estimated to cost \$48,500. The entire cost of the land and improvements can be repaid by extending the Foundation's present parking lot loan from the First National Bank of Chicago by eighteen months, or to October 15, 1965.

The properties to be purchased by the Foundation are:

- 601 East Healey Street—a lot 111 feet by 58.1 feet and a one-story frame building with three apartments and a small business building; owners, Oscar D. and Minnie Marie Wilson; price, \$36,000.
- 603 East Healey Street—a lot 58.1 feet by 177 feet and a two-story frame dwelling with three apartments; owner, Mrs. Florence Blakeslee; price, \$31,500.
- 605 East Healey Street—a lot 58.1 feet by 177 feet and a two-story frame dwelling consisting of an apartment and five student rooms; owners, Gilbert and Gladys Mae Lorenz; price, \$30,000.

The terms of each purchase are \$5,000 at the time of signing the contract and the balance when possession is delivered, not later than October 31, 1961. Taxes will be prorated. All properties are zoned commercially and the prices are in line with appraisals.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that this program be approved and that the University be authorized to lease the additional lots from the University of Illinois Foundation at a rental sufficient to pay the debt service payments on the loan from the First National Bank of Chicago. The lease will provide that the properties will be conveyed to the University when all indebtedness on the parking lots has been paid.

I concur.

On motion of Mr. Pogue, the purchases of these properties on the terms recommended were authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

**ACQUISITION OF PROPERTY AT 202 NORTH
ROMINE STREET, URBANA**

(2) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 202 North Romine Street, Urbana, at a price of \$18,862.21 to provide additional space urgently needed to accommodate the increased staff of the Coordinated Science Laboratory.

The property consists of a lot 80 feet by 82 feet and a two-story and basement frame residence, used as a student rooming house, and garage.

The property was on the market at a price of \$22,500. Subsequently, it was purchased by two staff members of the University for speculative purposes at a sales price of \$18,500. Negotiations were undertaken with the new owners and, as a result, they have agreed to sell the property to the University at their purchase price plus a reimbursement of cost incidental to acquisition of \$362.21. These additional costs have been verified by the University. The appraisal made for the University indicates a market value of \$21,463. Possession will be delivered not later than September 30, 1961. Taxes will be prorated. Funds for this acquisition will be provided from Coordinated Science Laboratory indirect costs.

I concur.

On motion of Mr. Hughes, the purchase of this property on the terms recommended was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

**ACQUISITION OF PROPERTY AT 907 WEST
GREEN STREET, URBANA**

(3) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 907 West Green Street, Urbana.

This property consists of a lot 75 feet wide by 220 feet deep and a two-story and basement frame residence presently used as a student rooming house.

The property is in the area of future campus expansion and will be needed as part of a site for student residence halls. It is now on the market and should be acquired promptly rather than risk its possible acquisition by others for commercial development with the consequent difficulties, as well as an increase in price, which may be encountered if the purchase is deferred.

The asking price is \$42,000¹ which is within the range of appraisals authorized by the Committee on Buildings and Grounds. If purchase is authorized now, possession will be delivered not later than January 15, 1962, and taxes will be prorated.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund.

I concur.

On motion of Mr. Pogue, the purchase of this property at a price not to exceed \$42,000 was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

COMPLAINT OF JOHN C. HIRSCHFELD

The Board took up consideration of the complaint which its members had received, some directly and others through the Secretary of the Board, from Mr. John C. Hirschfeld of Joliet against a member of the University faculty, who is on part-time appointment, making certain allegations of unprofessional conduct by him in his private professional practice off-campus. This complaint was turned over to the dean of the college concerned for investigation.

The complaint was carefully examined by the dean, who submitted a report to the Secretary of the Board, copies of which were sent to all members of the Board in advance of today's meeting.

After due consideration of the complaint and of the report of the dean, it was the unanimous judgment of the ten members of the Board of Trustees present that no action be taken upon this complaint. The complaint, the dean's report, and copies of all correspondence and other documents relating thereto have been filed with the Secretary of the Board.

On motion of Mr. Johnston, the Secretary was instructed to record that the Board has received the complaint and the report and sees no reason for taking any action.

SELECTION OF A MEMBER OF THE BOARD OF HIGHER EDUCATION

The Board of Trustees has previously been informed of the passage by the Seventy-second General Assembly of Illinois of "An Act creating a Board of Higher Education, defining its powers and duties,

¹ A purchase price of \$41,000 for the property, and \$1,000 for the furniture and other equipment, was subsequently negotiated. — Secretary's Note.

making an appropriation therefor, and repealing an Act herein named." The bill was approved by the Governor on August 22, 1961. Following are abstracts from this law relating to the composition of this Board:

Section 2. There is created a Board of Higher Education to consist of fifteen members as follows: Eight members appointed by the Governor, by and with the advice and consent of the Senate; the respective chairmen of the Board of Trustees of the University of Illinois, the Board of Trustees of Southern Illinois University, and the Teachers' College Board; one member of each of the three foregoing Boards selected by the members thereof; and the Superintendent of Public Instruction . . .

Section 3. — (b) The members of the Board appointed respectively by the Board of Trustees of the University of Illinois, the Board of Trustees of Southern Illinois University, and the Teachers' College Board shall each hold office for two-year terms expiring on January 31 of odd numbered years.

— (c) The members of the Board shall continue to serve after the expiration of their terms until their successors have been appointed . . .

Section 5. The members of the Board shall serve without compensation, but they shall be reimbursed for their actual and necessary traveling and other expenses while engaged in the performance of their duties.

President Williamson stated that undoubtedly the Trustees have been giving careful consideration to this matter during the past several weeks and asked if the Board was ready to select one of its members to serve on the Board of Higher Education.

Mr. Harewood nominated Mr. Johnston.

Mrs. Watkins moved that the nominations be closed and that the Secretary be directed to cast the unanimous ballot of the Board for the selection of Mr. Johnston.

The ballot was so cast, Mr. Johnston being recorded as not voting.

Accordingly, Mr. Johnston was declared the member of The Board of Trustees of the University of Illinois to serve with President Williamson on the State Board of Higher Education.

COMPENSATION OF THE PRESIDENT OF THE UNIVERSITY

At this point, the President of the Board requested all present except the Trustees, the officers of the Board, and the Legal Counsel to leave the room for consideration of the following item of business.

Mr. Johnston called attention to consideration by the Trustees at its August 10, 1961, meeting of the compensation received by the President of the University. The Comptroller submitted information on salaries and other compensation paid to a number of university presidents, and also data on the retirement and other benefits which will be available to President Henry under the provisions of the Act creating the University Retirement System of Illinois.

Following discussion of this matter and of President Henry's contributions to the work of the University, on motion of Mr. Johnston, the Board voted unanimously to authorize the Comptroller to arrange for the purchase, through annual premium payments of \$6,000 from indirect cost funds, of a supplemental annuity for President Henry as additional compensation, the effective date of such annuity contract to be determined by the President of the Board in consultation with the Comptroller and the Legal Counsel, but in no event to be later than November 1, 1961.

DEGREES CONFERRED

The Secretary presented for record the following list of degrees conferred at Urbana on August 14, 1961, and at the Chicago Professional

Colleges on the dates indicated, on recommendation of the University Senates and by authority of the Board of Trustees.

Summary

Degrees in the Graduate College, conferred at Urbana:	
Master of Arts.....	114
Master of Science.....	274
Master of Music.....	1
Master of Education.....	166
Master of Fine Arts.....	3
Master of Laws.....	2
Master of Architecture.....	9
Master of Accounting Science.....	6
Advanced Certificate in Education.....	13
<i>Total, Graduate College</i>	(588)
Degrees in Law, conferred at Urbana:	
Bachelor of Laws.....	10
Baccalaureate Degrees, conferred at Urbana:	
Bachelor of Science, College of Agriculture.....	21
Bachelor of Science, College of Engineering.....	81
Bachelor of Arts, College of Liberal Arts and Sciences.....	39
Bachelor of Science, College of Liberal Arts and Sciences.....	30
Bachelor of Science, College of Education.....	36
Bachelor of Science, College of Commerce and Business Administration...	43
Bachelor of Science, College of Journalism and Communications.....	6
Bachelor of Architecture, College of Fine and Applied Arts.....	8
Bachelor of Fine Arts, College of Fine and Applied Arts.....	11
Bachelor of Music, College of Fine and Applied Arts.....	3
Bachelor of Science, College of Fine and Applied Arts.....	4
Bachelor of Science, College of Physical Education.....	15
<i>Total, Baccalaureate Degrees</i>	(307)
<i>Total, Degrees Conferred at Urbana</i>	(895)
Degrees in Medicine, conferred at Chicago:	
Bachelor of Medicine.....	1
Bachelor of Science.....	1
<i>Total, Degrees Conferred at Chicago</i>	(2)
<i>Total, Urbana and Chicago</i>	897

GRADUATE COLLEGE

Degree of Master of Arts

In Art Education

JAMES ADAM BUCHNESS, B.S., Central Missouri State College, 1960

DALE ALAN ROGERS, B.S., Indiana University, 1955

In Economics

TAI SAENG SHIN, A.B., Oklahoma City University, 1959

In Education

DONALD FITZGERALD, Diploma, Sydney Technical College, 1951

MARIANA ISIDRA KEENE, A.B., University of Michigan, 1959

ROBERT RICHARD REILLY, B.Mus.Ed., Illinois Wesleyan University, 1957

BARTOLO JOHN SPANO, A.B., Maryknoll Seminary, 1956

HUGH GEOFFREY DEXTER VICKERSTAFF, B.S., Rhodes University College, 1948;

Diploma, University of South Africa, 1949

In English

MELBA NEGRI BATTIN, A.B., Cornell University, 1952

ROSALIE MAY DAVIES, A.B., Northern Illinois University, 1960

CHERIE LAFROMBOISE FABIAN, B.S., Kansas State University, 1959

DAVID HUGH HOCHSTETTLER, A.B., North Central College, 1959
 ELIZABETH BOARDMAN LEE, A.B., West Virginia University, 1940; A.M., Teachers College, Columbia University, 1949
 NORMAN MILLER, A.B., 1960
 CARMELITA JONES NELSON, A.B., University of Houston, 1958
 SHOSHANA ROCHELLE RIMEL, A.B., Washington University, 1960
 JON ARNOLD ROSSMAN, A.B., University of Pennsylvania, 1960
 MARTHA ANNE SHUBERT, A.B., 1957
 SISTER M. ALPHONSUS LIGUORI HUSHEK, A.B., Rosary College, 1956
 DONALD BRUCE WILLARD, A.B., 1959
 NANCY WIMBISH, A.B., College of Wooster, 1960
 SIAN-LIN YEN, A.B., National Taiwan University, 1956

In French

JOSEPH COLE BAGLEY, A.B., Millikin University, 1951
 MARY ALICE BROWN KIMBROUGH, A.B., University of Michigan, 1954

In Geography

JOHN ROBERT MCGREGOR, B.S., 1958

In History

GEORGE CULLOM DAVIS, JR., A.B., Princeton University, 1957
 KARL EVERARD DEJONGE, A.B., Calvin College, 1959
 ROSEMARY MASEK, A.B., Hastings College, 1953; A.M., University of Denver, 1959
 HENRY LEE PAYNE, B.S., Eastern Illinois University, 1956
 MARGARET LORRAINE SIMAK, A.B., 1959
 JOHN KNOX STEVENS, B.S., Northern Illinois State College, 1956; A.M., 1957

In Home Economics

SISTER M. STEPHEN TUSEK, A.B., College of St. Francis, 1950

In Labor and Industrial Relations

JOHN ALDEN BREWSTER, A.B., 1960
 HARRIET EILEEN REGO, B.S., University of Mysore, 1949

In Mathematics

WILLIAM ROBERT ASTLE, B.S., State University of New York College of Education (New Paltz), 1958; A.M., Teachers College, Columbia University, 1959
 WALTER EDWARD BECK, B.Mus.Ed., Knox College, 1956
 MERLYN JAMES BEHR, B.S., Iowa State University, 1958
 EDWARD HAROLD BURGER, B.S., A.M., University of Miami, 1953, 1955
 FREDDIE LEE BURKE, B.S., Alabama State College, 1956
 JAMES ALLEN COHICK, B.S., Pennsylvania State Teachers College (Lock Haven), 1958
 ROGER LEE CREECH, A.B., Atlantic Christian College, 1957
 WILLIAM FREDERICK CUTLIP, B.S., Eastern Illinois University, 1958
 GERALDINE FULLER DAUNIS, B.S., Howard Payne College, 1950
 MILTON ARTHUR DAVIS, B.S., State University of New York College of Education (Brookport), 1958
 WAYNE EUGENE DIEHL, B.S., Pennsylvania State Teachers College (Indiana), 1958
 GEORGE LEONARD DOWNING, B.S., University of New Mexico, 1953; M.S., Kansas State Teachers College, 1958
 GEORGE ANTHONY EISELE, B.S., McPherson College, 1957
 DAYLE GENE FITZKE, B.S., Nebraska State Teachers College, 1951; Ed.M., University of Nebraska, 1956
 GUS WENDELL HAGGSTROM, A.B., A.M., Colorado State College of Education, 1957, 1958
 HENRY RICHARD HAMMES, B.S., Wisconsin State College (Milwaukee), 1949
 MONA DEE KLEBE, A.B., MacMurray College, 1955
 ROSE MARY ANNE KOTESA, A.B., College of St. Francis, 1958
 ROBERT DEAN MACEK, A.B., Iowa State Teachers College, 1949; A.M., Colorado State College, 1953

- CARLTON JAMES MAXSON, B.S., State University of New York College of Education (Albany), 1958
 LYLE KEITH MEIER, B.S., Nebraska State Teachers College (Peru), 1950; M.S., University of Omaha, 1956
 ROY ALDEN MEYERHOLTZ, B.S., Oakland City College, 1958
 JOHN PETER MILLER, A.B., A.M., Central Michigan University, 1957, 1960
 JOSEPH MARTIN MUTTER, B.S., Pennsylvania State Teachers College (Indiana), 1958
 JOHN NAZARIAN, B.Ed., Rhode Island College of Education, 1954; A.M., Brown University, 1956
 PATRICK JOSEPH O'REGAN, A.B., Maryknoll Seminary, 1951; A.M., Fordham University, 1960
 LEONARD LEON PALMER, B.S., Southeast Missouri State College, 1958
 LOUISE DOROTHEA PETERMANN, A.B., Montclair State College, 1958
 BERNICE VON HORN POLLYEA, B.S., University of Chicago, 1937
 ROBERT EARL RECTOR, B.S., M.S., Indiana State Teachers College, 1951, 1952
 CLARE ANN SEITZ, A.B., Saint Mary College, 1958
 RICHARD EUGENE SHERMOEN, B.S., M.S., North Dakota Agricultural College, 1953, 1958
 FRANK HISAO SHIMAMOTO, A.B., University of Hawaii, 1956
 SISTER MARY CYRIL CARMODY, A.B., Aquinas College, 1959
 SISTER MARY LABOURE CROGGON, A.B., Rosary College, 1953
 SISTER JOHN OF GOD MCGRATH, A.B., Incarnate Word College, 1959
 SISTER MARY GIOVANNI MEYER, B.S., St. Joseph's College, 1957
 ENDLA VAHER SUSI, B.S., State University of New York College of Education (New Paltz), 1958
 CONSTANCE MARCIA SWANSON, A.B., Augustana College, 1957
 BERNARD FRANCIS TEPEN, B.S., Western Illinois University, 1957
 ANN REGINA WERTZ, B.S., Ursinus College, 1956
 WALTER RAYMOND WESTPHAL, B.S., State University of New York College of Education (Buffalo), 1953; A.M., Teachers College, Columbia University, 1957
 MARK FRANKLIN WIENER, B.S., Pennsylvania State College (West Chester), 1958
 KENNETH WOOSTER, A.B., A.M., State University of New York College of Education (Albany), 1952, 1957
 MARY KATHERINE YNTEMA, A.B., Swarthmore College, 1950
 LESTER JAY ZIMMERMAN, A.B., Goshen College, 1947; M.S., Ph.D., Purdue University, 1950, 1956

In Political Science

- JOHN FREDERICK BURHORN, JR., A.B., Illinois College, 1948; B.D., McCormick Theological Seminary, 1953
 STEPHEN ARNEAL DOUGLAS, A.B., Kansas State University, 1960
 NANCY ANDERSON GUBER, A.B., Gustavus Adolphus College, 1959
 CLIFFORD COLBY HILL, B.S., Illinois State Normal University, 1956
 RICHARD MURNICK MERELMAN, A.B., George Washington University, 1960
 WILLIAM DALE MULLER, A.B., Ohio University, 1960
 MARILYN JUNE WILSON, B.S., 1959

In Psychology

- SHERMAN LEON GUTH, B.S., Purdue University, 1959
 JERRY WILLIAM KOPPMAN, B.S., University of Kentucky, 1959
 JOSEPHINE CECILIA NAIDOO, B.S., University of the Witwatersrand, 1953; B.S., University of South Africa, 1959
 FLORENCE THOMPSON TROMATER, B.S., 1959
 WILLIAM ARTHUR WATTS, A.B., Northwestern University, 1955

In Russian

- BORYS BILOKUR, A.B., Temple University, 1959

In Spanish

- ETHEL HESTER ALLEY, A.B., Drake University, 1959
 RICHARD JOE CAMPBELL, B.S., Eastern Illinois University, 1959

In Speech

WILLIAM EDWARD BAILEY, B.S., 1960
JOAN ELAINE GOOD, B.S., Northern Illinois University, 1956
ROCHELLE HITE JAYE, A.B., University of Michigan, 1960
ORVILLE FRANKLIN KENWORTHY, A.B., College of Wooster, 1960
ANN MITCHELL LANDGREN, B.S., 1958
SARA JANE MILLER, A.B., Greenville College, 1955
CAROLINE MIRROR, B.S., Illinois State Normal University, 1956
CALVIN LEE PRITNER, B.S., Kansas State Teachers College (Emporia), 1957
LAWRENCE WILLIAM ROSENFELD, A.B., Cornell University, 1960
LYLE STEPHEN ROSENTHAL, A.B., 1960

In the Teaching of English

CAROL JEAN BENNETT MCGUIRE, A.B., 1960
LINNEA JUANITA PEARSON, B.S., 1960

In the Teaching of German

KARL ANDREAS SIMON, A.B., 1959

In the Teaching of Social Studies

WILLIAM WARREN DONAHOO, B.S., 1959
ARLIE EMMETT FENDER, A.B., 1954
CHARLES MAUZEY LECRONE, A.B., 1961
RAYMOND ZENONAS PUNKRIS, A.B., 1960
PAUL EUGENE QUINLAN, B.S., 1957

In the Teaching of Spanish

ELLEN GREEN WILLIAMS, B.S., 1954

Degree of Master of Science*In Accountancy*

WILLIAM HERBERT BAYLEY, B.S., 1955
ALFRED RAPPAPORT, B.B.A., Western Reserve University, 1954
ALI HASSAN SHALABI, B.Com., Alexandria University, 1952

In Agricultural Economics

MOSES DAS, B.Com., M.Com., University of Lucknow, 1942, 1950
VERNON ROY EIDMAN, B.S., 1958

In Agricultural Education

BENJAMIN BELTON FIELDS, B.S., Tuskegee Institute, 1950

In Agronomy

ARNOR NJOS, Degree, Agricultural College of Norway, 1955

In Animal Science

FREDERICK KENNETH DEEBLE, B.S., University of Nottingham, 1951; Diploma,
University of Cambridge, 1952
ARLIN LEE NEUMANN, B.S., 1959
ANAND DEV TIWARI, B.V.Sc., Veterinary College (Jabalpur), 1954

In Architectural Engineering

JAMES PAUL DIERKES, B.Arch., 1960
BENJAMIN FRANKLIN HARNISH III, B.Arch., 1960

In Biological Sciences

WILLIAM JOHN KEPPLER, JR., B.S., University of Miami, 1959

In Botany

RICHARD DALE COOK, B.S., 1953
ALBERT BERNARD GANZ, B.S., Roosevelt University, 1958

In Chemical Engineering

WALTER MARTIN BUEHL, B.S., Massachusetts Institute of Technology, 1959
FREDERICK EDDY FORD, B.S., Carnegie Institute of Technology, 1959
CLYDE QUITMAN SHEELY, JR., B.S., Mississippi State College, 1959

In Chemistry

ROGER LEE DEVRIES, A.B., Hope College, 1960
JOHN ROBERT MARQUART, B.S., University of Arizona, 1955
JERZY REICHMANN, Diploma, University of Sao Paulo, 1958
ELIZABETH WESTON SWEENEY, A.B., Albion College, 1960
JACOB JOHN UEBEL, A.B., Carthage College, 1959

In City Planning

WALLACE ELZIE REED, A.B., University of Chicago, 1959
ROBERT BENTS TESKA, B.S. (Civil Engineering), B.S. (City Planning), University of Wisconsin, 1957, 1958

In Civil Engineering

ALI HAMED KHADER AHMAD, B.S., 1961
ROBERT FRANCIS BRADFORD, JR., B.S., Purdue University, 1959
LECH BOGDAN BRZEZINSKI, B.Eng., McGill University, 1960
LEWIS JACKSON CAUTHEN, JR., B.S., The Citadel, 1954
CARL COURTRIGHT, B.S., United States Naval Academy, 1951; B.C.E., Rensselaer Polytechnic Institute, 1954
RAFAEL DAVILA-SIACA, B.S., University of Puerto Rico, 1960
MILTON CARL DRECHSEL, B.S., 1961
CLAYTON SAMUEL GATES, B.S., United States Military Academy, 1956
MOHAMMED ABDUR RAHMAN KHAN, B.Eng., Osmania University, 1959
JAMES WALSH McNULTY, B.S., United States Military Academy, 1956
GABRIEL MEDIALDEA GUINAND, B.S., 1960
GORDON DOUGLAS MORRISON, B.S., University of Alberta, 1956
GEORGE JOSEPH MURNEN, B.S., University of Toledo, 1957
JAMES PARADISE, JR., B.S., United States Military Academy, 1956
RICHARD NEAL PAULSON, B.S., Illinois Institute of Technology, 1960
SUBBARATNAM RAMANATHAN, B.Eng., Sri Venkateswara University, 1958
SUNDARESA RAMASESHAN, B.Eng., University of Madras, 1957
MUHAMMAD HARUNUR RASHID, B.S., University of Dacca, 1956
DAVID CURTIS NORTON ROBB, B.S., University of Massachusetts, 1956
DINESH CHIMANLAL SHAH, B.Eng., Maharaja Sayajirao University of Baroda, 1959
HERROL JAMES SKIDMORE, JR., B.S., United States Military Academy, 1956
JAMES RALSTON STRICKLAND, B.S., United States Military Academy, 1955
YUKIO UYEHARA, B.S., University of Hawaii, 1960
VLADIMIR YACKOVLEV, C.E., University Central of Venezuela, 1960
TAKESHI YOSHIHARA, B.S., United States Naval Academy, 1953; B.C.E., Rensselaer Polytechnic Institute, 1956

In Commercial Teaching

LESLIE DEAN BABCOCK, B.Ed., Wisconsin State College (Whitewater), 1956
MARY PATILLO HAVEN, B.S.C., University of Mississippi, 1955

In Education

KAY REEVES MEGINNIS, B.S., 1958

In the Education of Mentally Handicapped Children

LORRAINE GLADYS ABRAHAM, B.S., Wisconsin State College (Superior), 1953
JOSEPH GERALD MINSKOFF, B.S., Newark State College, 1960
MARILYN JO MORGAN, A.B., 1960
LAURA DIANE NEMECZKI, B.S., Southern Connecticut State College, 1960
FREDERICK JOHN SMOKOSKI, B.S., State University of New York College of Education (Geneseo), 1960
ALICE KIBLER SNELL, B.S., Millikin University, 1948
DARNELL LA FRANCINE THOMAS, B.S., LeMoyne College, 1960

In Electrical Engineering

- JAGDISH KUMAR AGGARWAL, B.S., University of Bombay, 1956; B.Eng., University of Liverpool, 1960
LEON WARNER ATWOOD, B.E.E., Clarkson College of Technology, 1948
SHIH-MEI CHENG, B.S., National Taiwan University, 1957
ROBERT BRUCE CRANE, Graduate, United States Air Force Institute of Technology, 1954
WILLIAM BURKE CROSS, B.S., University of Wisconsin, 1950
RONALD KAGLE CROW, B.S., University of Arkansas, 1958
JACK L. CROWELL, B.S., Michigan State University, 1960
DONALD EUGENE DAVIS, B.S., Virginia Polytechnic Institute, 1960
DALE M. DIAMOND, B.S., University of Utah, 1957
CHARLES CLARK EVANS, B.S., 1960
STANLEY GAVCUS, JR., B.S., United States Naval Academy, 1953
FRANCIS EDGAR GREELEY, JR., B.S., 1960
DONALD HERMAN HABING, B.S., 1960
HISAO KANAI, B.Eng., Tokyo Institute of Technology, 1952
HANS JOCHEN KRUMME, Diplom-Ingenieurs, Technische Hochschule Munchen, 1960
JAAN KRUS, A.B., University of Toronto, 1959
SHARADBABU RANJITLAL LAXPATI, B.Eng., Gujarat University, 1957
JAGDISHCHANDRA CHHOTALAL PANCHAL, B.Eng., Maharaja Sayajirao University of Baroda, 1958
DILIP BALUBHAI PATEL, B.Eng., Maharaja Sayajirao University of Baroda, 1959
RAY NEAL STECKENRIDER, B.S., University of Missouri School of Mines and Metallurgy, 1949
RICHARD ADOLPH STEIN, B.S., University of Alberta, 1958
LARRY LEE STICKLER, B.S., 1958
JOHN RANDOLPH WILLIAMS, B.Eng., Vanderbilt University, 1960

In Finance

- JEAN-PIERRE A.E. BAILLEUX, B.S., Purdue University, 1957
BENJAMIN DICKISON WALDIE, JR., B.S., 1960

In Geography

- VIVIAN BEELER, JR., B.S., 1960

In Geology

- WILLIAM FREDERICK ELDRIDGE, A.B., University of New Hampshire, 1960
NEAL RAY O'BRIEN, A.B., DePauw University, 1959
JOHN LOUIS WEINER, B.S., University of Notre Dame, 1959

In Health Education

- JOSEPH BERGER, A.B., Hunter College of the City of New York, 1956
WARREN DONALD BOSKIN, B.S., Brooklyn College, 1960
ROBERT KERTZER, B.S., Brooklyn College, 1960
KARL KENNETH KRUGER, B.S., University of Pittsburgh, 1958
JANET RUTH MCADAM, A.B., DePauw University, 1960
DONALD CARMEN TAVANO, B.S., State University of New York College of Education (Cortland), 1960

In Home Economics

- LOUISE KRUMMEL SWENSON, B.S., Kansas State University, 1945

In Home Economics Education

- MAXINE YORK SCHROTH, B.S., 1940

In Horticulture

- FRANK JOHN NUDGE, B.S., Rutgers University, 1959
RICHARD BARRY OWEN, B.S., 1959

In Journalism

- ROBERT LAWRENCE NEMCIK, B.S., Michigan State University, 1955
GERALD FERNLEY SMITH, A.B., A.M., University of Cambridge, 1950, 1958

In Library Science

- BESSIE LULU ALFORD, B.S., Illinois Wesleyan University, 1923; M.S., University of Chicago, 1931
 MARGARET JUNE WALLINGFORD ALLISON, B.S., Kansas State College (Pittsburg), 1940
 CONSTANCE MARIE ASHMORE, A.B., 1960
 ROSEMARIE BARATTA, A.B., Seton Hill College, 1957
 CATHERINE NING-ANN BEH, A.B., Winthrop College, 1959
 RUTH ELOISE CLINE, B.S., Illinois State Normal University, 1958
 DOROTHY JUNE COX, B.S., A.M., Southern Illinois University, 1944, 1951
 RUTH MARILYN DIEHL, A.B., Beloit College, 1960
 STANLEY FRANK DUNNETSKI, B.S., Loyola University, 1960
 MARTHA CLEMENTINA EVERETT, A.B., Maryville College, 1931
 KATHRYN JENSEN GESTERFIELD, A.B., University of Denver, 1939
 THELMA HORN GLOVER, B.S., Alabama State College, 1957
 ALICE MAY HOOVER, A.B., William Penn College, 1948
 GERTRUDE HUYGENS, A.B., Central College, 1937; B.L.S., University of Wisconsin, 1939
 KARL DOUGLAS KROEGER, B.Mus., B.Mus.Ed., M.Mus., University of Louisville, 1954, 1958, 1959
 BARBARA JEANETTE McCRIMMON, A.B., University of Minnesota, 1939
 SHIRLEY BROOKE SEBASTIAN, A.B., University of Melbourne, 1951
 JANET JO SHEFVELAND, A.B., Macalester College, 1960
 ALICE MAE SHERWOOD, A.B., Wheaton College (Illinois), 1958
 DOROTHY JOYCE SODERHOLM, A.B., Nebraska State Teachers College (Kearney), 1946; A.M., Wheaton College (Illinois), 1957
 HORTENSE JACQUELINE FIELDS SUTTON, A.B., Bennett College, 1952
 NANCY BROSIUS WEISIGER, B.S., 1943

In Management

- JERALD LEE JOHNSON, BIE, General Motors Institute, 1960
 JUEL LEE, B.S., 1959
 TEJENDRA MOHAN SEN, B.Com., LL.B., University of Calcutta, 1954, 1958

In Marketing

- MICHEL HENRI AMADO, Diploma, Ecole Supérieure de Commerce de Paris, 1960
 LOUIS HENRI FREIDEL, Diploma, Hautes Etudes Commerciales, 1960
 SUE LEICHTMAN WALDIE, B.S., 1958

In Mathematics

- SEN FAN, B.S., Taiwan Normal University, 1954
 COLONEL JOHNSON, JR., B.S., Southern University, 1960
 JAMES FRANCIS McINERNEY, B.S., 1960
 JOSEPH LOUIS MOSKOWITZ, A.B., University of Buffalo, 1960
 TIN OHN, B.Sc., University of Rangoon, 1956; M.S., 1960
 JONATHAN ANDREW SINGER, A.B., Cornell University, 1960
 PAUL JACOB VAN ZYTVELD, B.S., 1958
 MARY ELLEN WALSH, A.B., Nazareth College, 1960

In Mechanical Engineering

- RONALD LEE AKERS, B.S., Oregon State College, 1957
 SADASIVARAO ANANTHASWAMY, B.Eng., University of Mysore, 1951
 SAMUEL LEE BRITTEN, B.S., University of Oklahoma, 1955
 HARINANDAN MAVJIBHAI CHAWDA, B.S., University of Baroda, 1959
 JACK SAMUEL DIVITA, B.S., Northwestern University, 1955
 DONALD CLYDE GRAESSER, B.S., United States Military Academy, 1956
 GERALD DOUGLAS GRIFFITH, B.S., Agricultural and Mechanical College of Texas, 1960
 EDWARD CHARLES GRISWOLD, B.S., University of Colorado, 1957
 BENAMI GROBMAN TVERSKI, B.S., National University of Engineering (Peru), 1960
 MORTON JACKSON, B.S., Roosevelt University, 1958

JAMES CHARLES LISKOVEC, JR., B.S., Illinois Institute of Technology, 1960
SHIVALINGAYYA VEERAYYA MALLAPUR, B.Eng., Osmania University, 1953
PASHUPATI NATH MASKARA, B.S., Bihar Institute of Technology, 1958
SAMUEL JAMES NEWSOM, JR., B.S., United States Military Academy, 1957
SÉRGIO GERALDO QUINTELLA, Acro.Engr., Institute of Aeronautical Technology (Brazil), 1957

VERNE LOUIS ROBERTS, B.S., University of Kansas, 1960
NELSON LEO SANGER, B.M.E., Clarkson College of Technology, 1959
ROBERT GEORGE SURETTE, B.S., Lowell Technological Institute, 1960
HSIN-YUAN TUAN, B.S., National Taiwan University, 1956

In Metallurgical Engineering

EDGAR ARLIN STARKE, JR., B.S., Virginia Polytechnic Institute, 1960

In Microbiology

MANUCHEHR DEZFULIAN, Graduate, University of Teheran, 1959
LIA EIDLIC, A.B., Brooklyn College, 1959

In Mining Engineering

SUNDAR SINGH SALUJA, Diploma, Indian School of Mines and Applied Geology, 1950

In Music Education

HAZEL MAXINE ATKINS, B.S., 1942
THOMAS WALTER BRESKE, B.S., Northern State Teachers College, 1958
ROBERT JOHN CHAYKO, B.S., 1960
JENNY LYND WERTHEIM CORLEY, B.S., 1959
JAMES OTTO FERGUSON, B.S., 1956
DOLORES MAE GREENE, A.B., Rockford College, 1938
ROSALIE ANN HARITUN, B.Mus.Ed., Baldwin-Wallace College, 1960
CHARLES JOSEPH HOCK, B.S., Duquesne University, 1951
RUTH MILLER JONES, B.S., 1959
RUTH ESTHER KEYS, B.S., Greenville College, 1950
MURIEL ALLGOOD LYKE, B.S., George Peabody College for Teachers, 1954
ROBERT RAY MARCH, B.Mus., Culver Stockton College, 1958
ELSIE ESTHER MAYLATH, B.S., 1952
ROBERT WILLIAM PLAMONDON, B.S., 1958
CHARLES WILLIAM REED, B.S., 1957
CAROL MARIE RENCH, B.Mus.Ed., Illinois Wesleyan University, 1957
NORMAN DEAN SINCLAIR, B.Mus.Ed., Shurtleff College, 1957
SISTER MARY LOISELLE LANGDON, B.Mus., Rosary College, 1940
THEODORE RAYMOND SMITH, B.Mus.Ed., Sherwood Music School, 1957
JEWELL SEVIER TILSON, B.S., East Tennessee State College, 1950
FELIX JOHN VONDRAČEK, JR., B.S., University of North Dakota, 1959
LOREN ROGER WAA, B.Mus., Concordia College, 1956

In Nuclear Engineering

JOHN ROBERT FICENEC, B.S., St. John's University, 1960
PHILIP MARTIN GRESHO, B.S., 1961
NORMAN JOSEPH MCCORMICK, B.S., 1960
NANCY MARIE MCCUMBER, B.S., St. Louis University, 1960
JOHN WILLARD SWANSON, JR., B.S., 1960
BERNARD JOHN VERNA, B.S., 1955

In Physical Education

DOROTHY ANN BARTH, A.B., DePauw University, 1960
WILLIAM DEAN BOSTWICK, B.S., Eastern Illinois University, 1960
PHILIP RICHARD BUEHRER, B.S., Ohio Northern University, 1959
FRANKLIN CALSBEEK, B.S., Augustana College (South Dakota), 1956
ANTHONY JOSEPH CANINO, JR., B.S., 1958
ROBERT EARL COLEMAN, B.S., 1955
DAVID ELBERT CUNDIFF, B.S., Union University, 1960
HOWARD ALFRED CURRENT, B.S., Eastern Illinois University, 1957

- JOSEPH THOMAS FISHER, B.S., Pennsylvania State Teachers College (Slippery Rock), 1958
RICHARD RUBIN FREED, B.S., State University of New York College of Education (Brookport), 1960
MARY ELIZABETH GRIFFITH, A.B., William Jewell College, 1956
DAVID DARRYL HALLBERG, B.S., Wisconsin State College (La Crosse), 1958
VIRGIL WILLIAM HUGHES, B.S., Greenville College, 1957
VIRGINIA NELL INABINETT, B.S., Winthrop College, 1958
RALPH HARRY KAPILIAN, B.S., Springfield College, 1960
PAUL DUANE KIMREY, B.S., 1958
CHARLES ELMER LARSON, B.S., Springfield College, 1960
NINA RUTH MALINAK, B.S., Brooklyn College, 1960
GENE ROBERT McDONALD, B.S., Murray State College, 1952
ROBERT WAYNE MCFARLAND, B.S., Nebraska State Teachers College (Peru), 1960
HAROLD HACHIRO NEMOTO, B.S., 1957
LINDA LOU PARCHMAN, B.S.E., University of Arkansas, 1958
ROBERT EDWARD RETEL, B.S., 1960
BRADLEY LEGERGE ROTHERMEL, B.S., Northern Illinois University, 1960
ROLAND LEE RYAN, B.S., South Dakota State College, 1960
RICHARD MYRON STRAUSS, B.S., 1960
ROGER LOUIS WILLIAMS, B.S., Miami University, 1960
OWEN LEE WRIGHT, A.B., Bridgewater College, 1958
PATRICIA ANN ZIMMERMAN, B.S., Pennsylvania State Teachers College (East Stroudsburg), 1956

In Physics

- JEAN ANDRÉ BEDNARICK, Diploma, Ecole Supérieure de Physique et Chimie Industrielles, 1960
ROBERT GERALD BOYD, A.B., University of California (Riverside), 1960
BURDETTE LEE JOESTEN, B.S., Beloit College, 1959
FRANK MARTINO, A.B., Harvard College, 1959
HARLEY HOBARD McADAMS, JR., B.S., Agricultural and Mechanical College of Texas, 1960
CHARLES WAYNE MILLER, B.S., University of Missouri, 1960
DAVID CAREY MONTGOMERY, B.S., Massachusetts Institute of Technology, 1960
SANTIAGO RAMIREZ-MARTINEZ, B.S., B.S., University of Puerto Rico, 1949, 1952
JAMES DION SEBASTIAN, B.S., Roosevelt University, 1959
WILLIAM EARL SWEENEY, JR., A.B., Johns Hopkins University, 1960

In Physiology

- BONNIE LOUISE McMANUS, B.S., 1958
CHARLOTTE RITA SMITH, B.S., 1960

In Radio and Television

- JACK CRITTENDEN EVERLY, B.S., University of Missouri, 1950

In Recreation

- JOSEPH ABRAHAMS, B.S., 1953
JEAN-MARC BEAUCHESNE, A.B., University of Ottawa, 1960
WILLIAM ALTON EDWARDS, B.S., University of Florida, 1960
TOM FABIAN, B.S., University of Michigan, 1954
JOSEPH CAMERON GRAY, B.S., University of Michigan, 1960
ARTHUR WINFRED KENNEDY, B.S., South Carolina State College, 1960
JAMES HUNTER MORGAN, A.B., University of North Carolina, 1960
ARVID RAYMOND OLSON, A.B., Augustana College, 1958
MARTIN ARNOLD ROTUNNO, A.B., University of Colorado, 1960
JOHN HERBERT SCHULTZ, B.S., Valparaiso University, 1958
JOHANNE MARIE SMITH, B.S., Pennsylvania State Teachers College (East Stroudsburg), 1956
ALVIN WILLIAM TOLLE, B.S., 1960

In Sanitary Engineering

- JAMES EMMET LAUGHLIN, B.S., University of Texas, 1954
GEORGE EDWARD JOHN SCHMIDT, B.S., 1944

In Speech Correction

PHYLLIS JANE ARIENS, A.B., State University of Iowa, 1950
PHYLLIS IRENE PEARSON, A.B., Augustana College, 1954

In the Teaching of the Biological Sciences and General Science

ROBERT JOHN ANTHONY, B.S., Jackson College, 1954
RUTH BISCHOFF ASTLE, B.S., State University of New York College of Education (New Paltz), 1960
GEORGE EDWARD BELTZHOVER, B.S., Murray State College, 1957
GEORGE ROBERT BERGGREN, A.B., Illinois Wesleyan University, 1950
JOHN GIBSON COOLER, B.S., Illinois State Normal University, 1957
ROBERT ECHT, B.S., B.S., 1956, 1960
JOHN DAVID INGOLD, B.S., Goshen College, 1959
DOROTHY LOUISE JONES, B.S., Tougaloo College, 1955
JAMES HENRY LOCKETT, JR., B.S., Tougaloo College, 1953
GARY EGGERS OSTROM, B.S., 1958
CONSTANCE CURRY RILEY, B.S., University of Florida, 1955
RICHARD CHARLES TEICHMANN, B.S., Southern Illinois University, 1958
ROBERT VICTOR TORSBERG, B.S., 1953

In the Teaching of Mathematics

THOMAS ORAL BRANT, B.S., Western Illinois University, 1959
WAYNE EVERETT HAMMERTON, B.S., Illinois State Normal University, 1958
RICHARD DONALD JOLLY, SR., B.S., Mississippi Southern College, 1958
GILBERT MATHEWS NICOLL, B.S., 1960
KENNETH EUGENE ROLL, B.S., M.S., Adv.Cert., 1943, 1952, 1954
HOWARD GENE RUTAN, B.S., 1949
SISTER MARY DIANA DOYLE, B.S., College of St. Teresa, 1957

In the Teaching of Physics

RICHARD THOMAS LABARGE, B.S., University of Dubuque, 1959

In Theoretical and Applied Mechanics

LESTER SIDNEY BAKER, B.S., 1960
JOHN ALGIMANTAS KASUBA, B.S., Rutgers University, 1960
ROBERT JOSEPH NIKOLAI, B.S., 1959
FRANK JOSEPH RIZZO, B.S., 1960
ALVIN ARNOLD SOLOMON, B.S., 1959
STANLEY EDSON WOELL, B.S., Valparaiso University, 1960

In Veterinary Medical Science

SWAMIRAO KANTARAO KAMALAPUR, B.S., University of Bombay, 1944; Diploma, Bombay Veterinary College, 1948

Degree of Master of Music

BURTON BAILEY PARKER, B.Mus., Baldwin-Wallace College, 1958

Degree of Master of Education

MARY ANNE ADAMS, B.S., Eastern Illinois University, 1957
ROBERT DALE ALBERS, B.S., 1956
DONALD CARL ALEXANDER, A.B., Augustana College, 1958
RUTH MILLER ALLEN, B.S., Indiana State Teachers College, 1955
NORMA JEAN BRANDON ANDERSON, B.S., 1956
JOHN CARLIN BAKER, B.S., 1948
LOIS ESTELLA BAKER, B.S., Eastern Illinois University, 1957
DONALD RICHARD BARBER, A.B., Wheaton College (Illinois), 1958
VIVIAN BERQUIST BIRGE, A.B., Eastern Washington College of Education, 1951
LOVINA JEAN BODGE, B.S., Syracuse University, 1959
THADDEUS JOSEPH BODUCH, B.S., 1958
BARBARA SHELLY BOGGESE, A.B., Cedar Crest College, 1955
ROBERT WALTER BOOS, B.S., Northern Illinois University, 1952
JAMES HARLAN BOTTRELL, B.S., 1958
ROBERT FRANK BREHM, B.S., Eastern Illinois University, 1948

- ADALBERT FERDINAND BREMICKER, B.S., Eastern Illinois University, 1956
RUTH ELIZABETH BROWNELL, B.S., Illinois State Normal University, 1954
JOYCE PATTERSON BRYANT, B.S., Illinois State Normal University, 1956
SHIRLEY JUNE BULLARD, B.S., Eastern Illinois University, 1956
GORDON ALEXANDER BURGESS, A.B., University of North Dakota, 1942
RUBY ROBINSON CAMPBELL, B.S., University of Tennessee, 1938
RUTH PAISLEY CARR, B.S., 1956
BARBARA JONES CHACE, B.S., 1946
DONNA RAE CHILES, B.S., 1959
MARGARET RUTTER COCHRAN, B.S., Pennsylvania State Teachers College (West Chester), 1958
DOYLE EUGENE COLLINS, B.S.E., Arkansas State Teachers College, 1956
LARRY DEAN COLLOM, B.S., 1956
THOMAS DALE DAILEY, B.S., Eastern Illinois University, 1957
WARREN JAMES DAY, B.S., 1948; B.D., Union Theological Seminary, 1951; M.S., 1956
DONALD FRANK DILLENBURG, A.B., Aurora College, 1954
RUTH KOBEL DOWNEY, B.S., State University of New York College of Education (Buffalo), 1953
DALE DEAN DOWNS, B.S., Eastern Illinois University, 1956
DONNA ROOT EDWARDS, A.B., University of Miami, 1953
HELEN KREAMER ESLER, A.B., Northwestern University, 1927
FAY ESTHER FOLLETT, B.S., Ball State Teachers College, 1958
VIRGIL MAX FOSTER, B.S., 1957
DOROTHY LOUISE GAMBLE, B.Ed., National College of Education, 1955
JACK ORLAND GARBER, B.S., University of Wisconsin, 1950
MAXINE GARNER, B.S., Olivet Nazarene College, 1957
EDGAR ALLEN GASKILL, B.S., 1957
ELMER CLAUS GERLACH, B.S., 1953
RAYMOND LEROY GIBBLE, B.S., Culver-Stockton College, 1950
KENNETH JAMES GISEBURT, B.S., Illinois State Normal University, 1955
HENRY GIVENS, JR., B.S., Lincoln University, 1954
DOROTHY EILEEN GOESMAN, B.S., Illinois State Normal University, 1954
PENELOPE MALINA GOMIEN, B.S., 1957
EDWARD JOHN GONWA, B.S., 1956
LEFA AXTELL GORSLIN, B.S., Olivet Nazarene College, 1951
MARY MARGARET GRAHAM, B.S., 1959
PAULA JEAN GRIFFITH, A.B., 1953
DONALD LYLE GROTHE, B.S., 1959
ROBERT LELAND HANEY, B.S., Eastern Illinois University, 1957
MAXINE ELMOR HAWLEY, A.B., McKendree College, 1951
JO CELLEY HERSCHELMAN, B.S., Blackburn College, 1958
ROBERT LEE HESLER, B.S., Eastern Illinois University, 1957
BILLY JOE HEDYDUCK, A.B., Millikin University, 1953; M.F.A., Mexico City College, 1954
DONALD PAUL HIGGS, B.S., 1956
BING CROSBY HOLLOWAY, B.S., Greenville College, 1958
GERALD ALLAN HOLMES, B.S., Illinois State Normal University, 1958
CLIFFORD EUGENE HOPPE, B.S., Missouri Valley College, 1955
ROBERT WAYNE HOPPING, B.S., 1957
MERLE ROBERT HORWEDEL, B.S., 1957
ELBERTA DOROTHY HUBBELL, A.B., McKendree College, 1931
GLENORA MOUGIN HUTSON, A.B., 1959
ELIZABETH ANN JACKLIN, B.S., Drake University, 1955
CHARLES LEE JOLEY, B.S., 1953
PAUL HERRIN JONES, A.B., Wabash College, 1951
PHILIP ROBERT JONES, B.S., Illinois State Normal University, 1956
JACQUELINE SCHENBERG KATZ, B.S., University of Pittsburgh, 1959
CHARLES LAWRENCE KEMP, A.B., Illinois College, 1929
AUDREY MARGUERITE KISER, B.S., Illinois State Normal University, 1950
DWIGHT LYNN KLINE, A.B., McKendree College, 1956
RITA MARIE KOHLMAN, B.S., Illinois State Normal University, 1957
CHARLES STUART LARSON, B.S., Eastern Illinois University, 1956

VEDA TAYLOR LARSON, B.S., Southern Illinois University, 1940
BOBBY RAY LITTLEFIELD, B.S., University of Tennessee, 1953
PAUL FRANCIS LONDRIGAN, A.B., 1957
ELSPETH LOGEMAN LUND, B.S., Lombard College, 1927
HAZEL LEA SCHMIDT LUNDEEN, B.S., Illinois State Normal University, 1958
JO ANN AGNES MALMBERG, A.B., Washington University, 1959
ARTHUR EDWARD MANWARING, B.S., Shurtleff College, 1950
DAVID MERRILL MARLIN, B.S., Southern Illinois University, 1958
EARLENE JANET MARTIN, B.S., Southern Illinois University, 1953
LARRY LEON MCCOY, B.S., Bradley University, 1957
RAYMOND KEITH MCHATTON, B.S., Southern Illinois University, 1956
WILLIS EVERETT MCKINNEY, Jr., B.S., 1950
WILLIAM ABBOTT MCNEALY, B.S., Illinois State Normal University, 1958
DAVID LEE MCQUEEN, B.S., Eastern Illinois University, 1954
JOE PAUL MEYER, B.S., Eastern Illinois University, 1958
RUBY MARIE MEYER, B.Ed., Southern Illinois University, 1942
FREDERICK WARREN MILLARD, A.B., Eureka College, 1949
ROBERT MILLAR MILLER, A.B., Dartmouth College, 1951
JUNE FULTON MOLL, A.B., B.S., Phillips University, 1950, 1951
FRED HOWELL MORRIS, B.Ed., Illinois State Normal University, 1939; B.S., 1940
WILLIAM RUSSELL MORRIS, B.S., 1955
RALPH BRUCE MORROW, B.S., University of Wisconsin, 1956
DELORESE DEL MOSES, A.B., Harris Teachers College, 1955
CLAUDE VERNON MURPHY, B.S., Eastern Illinois University, 1955
JACK EVAN MURRY, B.S., Illinois State Normal University, 1957
VIRGINIA MARIE NIELSEN, A.B., MacMurray College, 1958
ROBERT EARL NOEL, B.Ed., Southern Illinois University, 1943
BERET ADRIENNE OLSON, B.S., Bob Jones University, 1958
ALICE ORPHANOS, B.S., Illinois Institute of Technology, 1953
MARY JEAN OWEN, B.S., 1958
RICHARD RAYMOND PENLEY, B.S., 1958
UTILLUS ROBERT PHILLIPS, A.B., Fisk University, 1955
MERVYN CHARLES PILOTTE, B.S., 1960
KATHRYN STELLA PONTIKES, B.S., Northern Illinois University, 1960
RACHEL ANNE POPE, B.S., Eastern Illinois University, 1952
ROLLO KENT PRATT, B.S., Western Illinois State College, 1956
EMIL RAY PROSKA, B.S., Bradley University, 1954
RUTH EVELYN PSAUTE, A.B., B.S., Olivet Nazarene College, 1946, 1951
NAOMI RANSOM, A.B., 1950
JAMES CYRIL REEDER, B.S., Eastern Illinois University, 1951
JON HUBERT REGNIER, B.S., 1961
EUNICE PERRY REMLEY, B.S., Illinois State Normal University, 1957
MARJORIE HAGI REMY, A.B., 1951
LUCILLE SOWERS RENO, B.S., Western Illinois University, 1953
WILLIAM ROBERT RENOU, B.S., 1950
BILLY KAY RICHARDSON, A.B., Berea College, 1956
DAVID DALE RIEGLE, B.S., 1956
LOUISE ALICE RINTELMANN, A.B., MacMurray College, 1960
VELMA ROBERTS, B.S., Southern Illinois University, 1948
ELLEN EVA ROSEN, B.S., Northern Illinois University, 1958
JAMES GUY ROSSER, B.S., Quincy College, 1953
BOBBIEJOE SCATES, B.S., Missouri Valley College, 1956
EDWARD JOSEPH SCHEFFELIN, A.B., College of St. Joseph, 1952
JULIAN DAVID SCHERER, B.S., Quincy College, 1938
BERNARD W. SCHRADER, A.B., McKendree College, 1959
EMILY JONES SHANNON, B.Mus.Ed., Illinois Wesleyan University, 1933
DIANE SCHWARTZ SHLENS, B.S., 1959
SISTER MARY DENICE COLLINS, Ph.B., De Paul University, 1952
SISTER MARY ROBERTINE FITZGERALD, B.S., De Paul University, 1952
SISTER MARY HELEN MARRON, Ph.B., De Paul University, 1955
SISTER FLORENCE MARY SNIDER, B.S., De Paul University, 1941
CLARENCE EMORY SMITH, B.S., Tuskegee Institute, 1946
JAMES ERNEST SNODDY, B.S., Indiana State Teachers College, 1954

DONALD CARL STAGEN, B.S., Illinois State Normal University, 1959
 MARILYNN WIBLE STARK, A.B., 1944
 ALMA TOOL STEIDER, A.B., Eureka College, 1940; B.S., 1941
 CECILE ANTOINETTE STEIN, A.B., Queens College, 1957
 SANDRA JEAN STINEBRING, B.S., Illinois State Normal University, 1959
 JOHN LAWRENCE SWENSON, B.S., Illinois Wesleyan University, 1958
 JOHN PHINEHAS SYMES, B.S., University of Chattanooga, 1957
 JEROME HENRY SYMONS, B.S., Illinois State Normal University, 1957
 JACK KENT TAYLOR, B.S., 1957
 DOUGLAS LEROY THOMAS, B.S., University of Nebraska, 1958
 DONALD GENE THOMPSON, B.S., 1956
 PHILLIP THOMAS THORNTON, B.S., Eastern Illinois University, 1954
 ARTHUR HUTCHISON TURNER, A.B., Franklin College, 1957
 JESSIE LEE VAUGHNS, A.B., Harris Teachers College, 1955
 MARY ELEANOR WARD, B.S., Drake University, 1953
 MERRILL JOSEPH WEIJOLA, A.B., Long Beach State College, 1959
 HARRY ELWOOD WHITE, B.S., 1956
 MILTON RAY WHITTEN, B.S., Southern Illinois University, 1956
 HAROLD LORRAINE WILLIAMS, B.S., Illinois State Normal University, 1952
 HIRAM WILLIAMS, A.B., Arkansas Agricultural, Mechanical, and Normal College, 1957
 CAROLYN EMILENE JOKISCH WILSON, A.B., MacMurray College, 1956
 RICHARD WAYNE WOODARD, B.S., 1955
 JAMES LEONARD WOOTTON, B.S., Southern Illinois University, 1956
 ROSELYN ANN WISE WRIGHT, B.S., Illinois State Normal University, 1958
 WILLIAM RONALD WRIGHT, B.S., Illinois State Normal University, 1958
 MARIE GOODRICH WYATT, B.S., University of Minnesota, 1958
 GEORGE FRED WARD YOUNGREN, B.S., Illinois State Normal University, 1952
 LAWRENCE JAMES ZEEB, B.S., Lewis College of Science and Technology, 1959
 GEORGE ZIGMAN, B.S., Illinois State Normal University, 1955

Degree of Master of Fine Arts

In Landscape Architecture

ALLAN DALE CORREY, Diploma, University of Durham, 1958

In Painting and Printmaking

SANDRA JEAN GIERKE, B.F.A., 1959

IAN CHRISTOPHER SHORT, B.F.A., Illinois Wesleyan University, 1959

Degree of Master of Architecture

GERALD IRVIN ANDERSON, B.Arch., Iowa State University, 1960

JOHN ALBERT BENSON, B.Arch., 1960

SATYABRATA CHATTERJEE, B.Arch., University of Calcutta, 1959

MERFYN CUNNINGTON DAVIES, B.Arch., Welsh College of Advanced Technology, 1958

MOHAMED NOSHY MOHAMED GHAREB, B.S., Ein Shams University, 1957

CHARLES KENT GORDON, B.Arch., 1957

FRANK KUENZ II, B.Arch., Washington University, 1954

WILEY JAMES TILLMAN, JR., B.S., 1950

JOHN HOWARD WOODFORD, B.S., University of Kansas, 1960

Degree of Master of Accounting Science

JAMES LEONARD AHLSTEDT, A.B., Augustana College, 1960

RONALD VERNON HARTLEY, B.S., Ohio University, 1960

RONALD DUANE JEFFRIS, B.S., Eastern Illinois University, 1959

RICHARD LOUIS KESSLER, B.S., Miami University, 1960

WILLIAM CHRIS REYN, A.B., Chico State College, 1960

HARRY CLIFFORD VISSE, JR., B.S., University of Oregon, 1960

Degree of Master of Laws

DAN BYRON DOBBS, A.B., LL.B., University of Arkansas, 1956, 1956

CLIFFORD LESLIE PANNAM, B.Law, University of Melbourne, 1959

Advanced Certificate*In Education*

- JESSIE STEPHENS CARTER, B.S., Southeastern State College, 1947; Ed.M., University of Oklahoma, 1949
 MARGARET MARIE DELLATORI, B.S., M.S., 1948, 1951
 JAMES JUNIOR HINES, B.S., Southwest Missouri State College, 1950; A.M., Washington University, 1954
 MARY LOUISE McWILLIAMS, B.S., University of Missouri, 1951; A.M., Arizona State University, 1957
 MARY JANE MEREDITH, A.B., Monmouth College, 1951; Ed.M., 1960
 MAE JOSEPHINE MILLER, B.S., Illinois State Normal University, 1944; Ed.M., 1956
 PHYLLIS SABEN PENCE, B.S., Ed.M., 1932, 1960
 WILFRID EVERETT RICE, B.S., Bradley Polytechnic Institute, 1931; M.S., 1940
 SHADIE SIMON, A.B., A.M., 1955, 1956
 MAURICE WILLIAM WILSON, B.S., Northern Illinois University, 1948; Ed.M., 1953
 DOROTHY TABBERT YATES, A.B., Ed.M., 1940, 1954
 GIFFORD SHARP ZIMMERMAN, B.S., M.S., 1940, 1953

In Music Education

- ELTON ROYCE CURRY, B.S., A.B., Fairmont State College, 1949, 1950; A.M., West Virginia University, 1952

COLLEGE OF AGRICULTURE**Degree of Bachelor of Science***In Agriculture*

- | | |
|--------------------------------|------------------------------|
| DAVID HIRAM BAKER, High Honors | JON ELMER KIBLER |
| HAROLD DEAN BAKER | RICHARD GRISWOLD McQUEEN |
| KENNETH LEE BECKER | JAMES FRANKLIN MOLUF |
| LEWIS RONALD BELL | DARRELL WAYNE NELSON, Honors |
| JOHN WILLIAM BURRUS | JOHN VIRGIL NEUMANN |
| GENE HOWARD CRONE | DAVID WAYNE SAGER |
| TERENCE FEARON JACOBS | PATRICK MICHAEL WEBER |
| THOMAS LESLIE JONES | |

In Home Economics

- | | |
|--------------------|----------------------|
| PHOEBE ANN BURT | BARBARA ELLEN HARRIS |
| HELEN RUTH HALLMAN | ZO-ANNE SHIN FU LUM |

In Home Economics Education

- MARY HOGE CONLEY, High Honors

In Restaurant Management

- THOMAS EDWARD DANIELS

COLLEGE OF ENGINEERING**Degree of Bachelor of Science***In Aeronautical Engineering*

- | | |
|----------------------|---------------------|
| EUGENE FRANK GAFFNEY | RONALD DEAN JOHNSON |
| ALLAN LEE GINGERICH | |

In Agricultural Engineering

- | | |
|-------------------------|----------------------|
| ROGER DOOL MAYHEW | JOHN ALLEN WHITAKER |
| EARL OTTO REINKENSMEYER | DAVID EVERETT WILSON |

In Civil Engineering

- | | |
|--------------------------------------|-----------------------------|
| ALLAN LEE ABBOTT | GERALD FIELD KVINGE, Honors |
| JOSEPH LEE GREENE | JAMES WALTER MADDEN |
| WILLIAM ALVIN HUSTON | WILLIAM MIRZA |
| RICHARD MELVIN JONES | PATRICK JOSEPH MORAN |
| JOHN ANTHONY KUSKE, Jr., High Honors | DONALD WAYNE NEIBEL |
| | EDWARD MARINUS OLSEN |

JOHN FRANCIS ONAK
EMILE ABDALLAH SAMARA
ANDREAS SCHIEDT

JAMES ALLEN TAMBLING
ROBERT JOSEPH WENDLER

In Electrical Engineering

DAVID FRANCIS BESCH
CLARK IVAN BRIGHT
NORMAN JAMES DEWEY
NELSON G. FREEMAN
DAVID LESTER HARRIS
ANDREW HAROLD JOHNSON, Honors
ERWIN ARTHUR JUNG
RICHARD GORDON KINNEY
ROBERT ANTHONY LAUSCH
GEORGE PETE LITSIKAS
HERBERT JOHN MUELLER, JR.

JOHN HARPER PEMBERTON
BERNARD DONALD PETCHENIK
LEON PRESSER
CARL WILBUR REINHART
CARL JAMES RIEGER
GLENN GEORGE ROSBROOK
JAMES LEE SCHILTZ
JERRY WAYNE STURGEON
JAMES LOUIS TANSEY
RAY ORLA WALES
HOWARD DAVID WISHNER

In Engineering Mechanics

THOMAS JAMES DOLAN, Highest Honors

In Engineering Physics

FRANK GEORGE KASPAR
ANATOL KUCZURA, Honors
MICHAEL BRUCE LEVITT

RAYMOND MATISON
WILLIAM ALLAN WULF

In General Engineering

DONALD ANDREW CUNNINGHAM
MILTON CHARLES KONICEK

WILLIAM LOUIS SCHAULIN

In Industrial Engineering

WILLIAM EDWIN BANTA

THOMAS JEROME KUHL

In Mechanical Engineering

CARL MARTIN BLOOM
WILLIAM BLISS BROWN
GEORGE FRANK BURDI, Honors
LUIS ENRIQUE DEVIS ECHANDÍA
ROBERT STOKLEY DOUGLAS, JR.
ROBERT EUGENE EILERS
FRED ANDREW ERICKSON, JR.
WILLIAM CAMERON GRAHAM, JR.
JOHN ANDREW HENRY
GERALD ALBERT KITCHEN
JOHN VICTOR LARSON

WALFRED JOHN LARSON
THOMAS EDWARD MESETZ
ELON CARLIN MUNGER, JR.
ROBERT JOSEPH MURPHY
ROBERT CHARLES NEWMAN
EDMUND ADOLPH ROTH, JR.
EUGENE BRICE THOMAS
DONALD EUGENE TJARKSEN
WESLEY TED WALRICH
JOSEPH HENRY WEBER, Honors
WILLIAM EDWIN WESELOH

In Metallurgical Engineering

RAY BERTIL ANDERSON

WILLIAM RICHARD MOSSNER

In Mining Engineering

EDWIN ALAN FRANKLIN

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

VICTOR ANTHONY ABELL
HENRY JACOB AMANN
SHARON FELDMAN BERMON
IRENE TRINKUN BORDERS
SHIRLEY JEAN DAVIDSON
DOROTHY MOLLY GILLER
GERALD ANDRE GUERTIN
ERNA MARIA JOCHUM
DONNA KAY KAISERMAN

ALLEN STANLEY KENT
FLORIE KOGEN, Honors in Liberal Arts
and Sciences with Distinction in
Political Science
MARGARET ANN LEHMANN
RONALD CHARLES LINK, Honors in
Liberal Arts and Sciences with
Highest Distinction in Chemistry
PETER ALAN LOSCHKY

ANGUS SINCLAIR MORE
 JUDITH ANNE NEAL
 EDWARD BOWMAN PETTEGREW, JR.
 LAMAR MCFADDEN PROSSER
 GEORGE READ
 ROGER ANDREW SEDJO
 SIMON RAOUL SHERIDAN
 BLANCHE JEDLICKA STEMKE
 BARRY DENNIS SUSSMAN

ALEXANDER JAMES TOURLAKES, Honors
 in Liberal Arts and Sciences
 MERLE FRANK TUGGLE
 FREDERICK CARL UHDE, Honors in
 Liberal Arts and Sciences with
 High Distinction in Philosophy
 ARVALYN BREMER VAN ETEN
 LINDA VAN LEER
 MOLLY MOORE WALBAUM

In the Teaching of English

MARY SCHUTZBACH ALTHOFF, Honors
 in Liberal Arts and Sciences
 UNA ALLEN DUNBAR

SAUNDRA ANN YOUMANS, Honors in
 Liberal Arts and Sciences

In the Teaching of Latin

JULIANNE CATHERINE LAWLER, Honors in Liberal Arts and Sciences

In the Teaching of Social Studies

SHEILA FAY BURSTEIN
 NORMA ILA GOODMAN
 GLORIA CELESTINE LINDSEY
 ROBERT EUGENE MARTIN

ANNE MARIE MURRAY, Honors in
 Liberal Arts and Sciences with
 Distinction in the Curriculum

In the Teaching of Spanish

GLADYS CLEMENS LEAL

Degree of Bachelor of Science

In Chemical Engineering

EUGENE ELZY, Honors in Liberal Arts
 and Sciences with High Distinction
 in the Curriculum

RICHARD FRED MANGEL, JR.
 HUGH L. WEISENSTEIN

In Chemistry

WILLIAM OWEN DALTON, Honors in
 Liberal Arts and Sciences with
 High Distinction in the Curriculum

DONALD RAY HARTTER, Honors in
 Liberal Arts and Sciences with
 High Distinction in the Curriculum

In Liberal Arts and Sciences

JOHN WESLEY BARKLEY
 GEORGE PATRICK CASEY
 BARRY LEE CHILDRESS, Honors in
 Liberal Arts and Sciences
 IRIS RUTH COOPER, Honors in Liberal
 Arts and Sciences
 SMARAGDA F. DRAKOU
 LOYD KENNETH FINK, JR.
 STEPHEN NEAL FISHER
 JOHN BURSON HORN
 KENNETH HAROLD JOHNSON
 JIMMY GENE KEUNE

LAYTON FREDRICK KINNEY
 JOHN PETER LEGENDRE
 THOMAS WALLACE MANSFIELD
 JOHN PENN MAYBERRY
 STUART DONALD MILLER
 BARBARA ANN MORGAN
 EDWARD PETER NELLESEN
 ALICE ADAMS SIMPSON, Honors in
 Liberal Arts and Sciences
 RONALD LEE UFKE
 IRVING PHILLIP UNIKEL

In the Teaching of the Biological Sciences and General Science

MIRKA MARIE MEJZR

MARILEE DOROTHY MOMMSEN

In the Teaching of Chemistry

BARBARA LULU STERNAMAN, Honors in Liberal Arts and Sciences

In the Teaching of Mathematics

BARBARA KUMLER GAY

In the Teaching of Mathematics and the Physical Sciences

RANDAL RAE BRAUN

COLLEGE OF LAW**Degree of Bachelor of Laws**

CHARLES PAUL BLAHOUS, JR., B.S., 1958	PAUL JOSEPH MONTINO, A.B., 1958
MARTIN MAXWELL BROZOSKY	PHILIP HASTINGS NYE, JR., A.B.,
ELDON WENDELL DURR, B.S., 1960	Northwestern University, 1958
CARL HARRY HAUBER	EARL COOLLEY ROLLER, JR., B.S., 1959
FREDERICK ARTHUR HICKS, A.B.,	RUDOLPH CLARENCE SCHOPPE
Albion College, 1958	JOHN EDWIN TAIT

COLLEGE OF EDUCATION**Degree of Bachelor of Science***In Education*

RICHARD VINCENT CHIERICO	MARY JANE CLEM LUNDY
SANDRA WOOLVERTON DEVRIES	JOAN ELLACOTT O'BRYANT
ROBERT JOSEPH KRAJEWSKI	ROBERT EDWIN YONKE
HOWARD ALAN LANE	

In the Education of Mentally Handicapped Children

MILDRED BANGERT ANGELO	EDITH ROSALI STRITZEL
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In Elementary Education

DOROTHY EDWARDS BUCKINGHAM	HYLENE STIEFEL MAGARO, High
JULE DESALES COSTELLO COOLICAN	Honors
CLARA LOUISE CRAWFORD	MARY CASSIDY MCCOY
FLORA CARMELLA DI BRACCIO	BERTHA KORITZ MILLER
DOROTHY CHESNUT EDGINGTON	MARY ALLEN MOONEY
LENORE WATKINS GODWIN	SUSAN BONNELL OWENS
FLORENCE McDERMED GOODRUM	JUDITH REIDEL PENROD
SANDRA KEITH HATTERY	GOLDA HUME PORTER
MARILYN JOYCE HAWKINS, High	VIRGINIA TREEN PROEHL, Honors
Honors	BARBARA HOFFMAN SCHUMAN
SUSAN HITZ EY	MARGARET ALKIRE STARK
GEORGEANN MARIE HORWITZ	PENELOPE PIETRUS WALLHAUS
DOROTHEA LOMAX LONG	MARY CLEMENTS YOUNG

In Industrial Education

GEORGE ALBERT BROWN	RALPH LEWIS MCGEE
FLOYD RAY DONLEY	

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Degree of Bachelor of Science***In Accountancy*

MICHAEL LARRY COCHRAN	RICHARD LEE ROSENBERG
LARRY THOMAS LAKIN	KENT GERALD ROTHROCK
MARTIN DAVID LEVY	WILLIAM BRADFORD SAWTELL
THOMAS SHERWOOD LISTON, Honors	ROBERT WALTER SCOTT
KENNETH ARTHUR LUSSENHOP	ALBERT LOUIS SITTARO
PAUL TRUMAN MOONEY	JOHN LOUIS SUTER
JOHN FREDERICK PERRY	THOMAS GEORGE TANSOR
JOHN ROBERT REGER	BRUCE EDWARD WILLIAMS

In Commerce and Law

RAYMOND ALAN BOLDEN	NORMAN RICHARD LAWRENCE
ROBERT ALAN HAYES	

In Commercial Teaching

PATRICIA LYNN RANDOLPH	KAREN LEE STRACK, Honors
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In Economics

WAYNE EDWARD PEARSON, Honors

In Finance

DONALD RAY ARNOLD
CHRISTOPHER JOSEPH LAVICK, JR.

GEORGE MILTON STOUTIN

In Industrial Administration

PHILIP LEE KELLOGG

ABBEY ABRAHAM SILVERSTONE

In Management

ARLIN GEORGE EHRLICH
JEFFREY WILLIAM GAIN
JAMES HENRY HINZ

BRUCE JOSEPH QUAYLE
KENNETH HOWARD STIMELING, JR.

In Marketing

ROBERT LYNN CASWELL
DAVID HERBERT COOPER
DARRELL LEE DUNCAN
RICHARD DORNTON KELL
DENNIS CHARLES LEONARDI

ROBERT DAVID MORRIS
YASUYORI LAWRENCE OKUDA
GERALD EDWIN REED
WILLIAM HERMAN RISTOW
BRADFORD DOUGLAS RODMAN, Honors

In Secretarial Training

NORMA JEAN CARTER

COLLEGE OF JOURNALISM AND COMMUNICATIONS**Degree of Bachelor of Science***In Communications*

MURRAY CHARLES KALIS
MARCIA ANN MORGAN
BRUCE CHERWELL OVERSON, Honors

DONALD JAMES SOMMERVILLE
JOAN CAROL TOMKINSON
GILBERT GABRIEL ZOGHLIN

COLLEGE OF FINE AND APPLIED ARTS**Degree of Bachelor of Architecture**

HENRY WILLIAM CARROLL CARAZO
JOAN SAMSON ENGLISH, Honors
JAMES MACMAHON GRAHAM
ROBERT VINCENT KENNEDY

LESTER JOSEPH KRASNOWSKI
JOHN EDWARD LANE
WAYNE THORSTEN OTTOSON
HENRY GEORGE SCHNOBRICH, JR.

Degree of Bachelor of Fine Arts*In Advertising Design*

JAMES ARTHUR BERRY

DIANE DEEG LEAF

In Art Education

PATRICIA BUTLER JENSEN, Honors

VIDA VITA KRISTOLAITIS

In Industrial Design

DAVID HARRY BLOOM
THOMAS LESLIE HERMANN
WILFRED JAMES MAGIERA

JOHN STANLEY MALISKAS
SHELDON J. ROSENZWEIG

In Painting

JUDY TIBBETTS LOYET

In the History of Art

TAMARA PERSIDSKI KULIKAUSKAS

Degree of Bachelor of Music

ARTHUR OLIVER BOWER, High Honors
SHIRLEY ANN MEYER, High Honors

DIXIE LEE RODEHAVER

Degree of Bachelor of Science*In City Planning*

PETER FRANK CRIDLAND

In Music Education

DAVID NOEL METZLER
MARLENE RUTH MUNSON

SISTER ANGELA SONNEVILLE, Highest
Honors

COLLEGE OF PHYSICAL EDUCATION**Degree of Bachelor of Science***In Physical Education*

DONALD ANTHONY BEESE
RAYMOND PAUL GIBSON
BRUCE JOSEPH MERSON
RONALD JOHN MOODY
ROBERT JOSEPH SALATA

JIMMIE EARL SMOCK
GEORGE EDWARD STELMACH
FREDERICK RAYMOND TAMMEN
JOHN RUSSELL WINGERT

In Recreation

MARGARET HUBBARD CARL
JESSIE ANN HARMEYER
YVONNE MARIE KRUEGER

JUDITH ALLENE MOREEN
JUDITH ANN TERP
RUTH HELEN WEIHL

*Degrees Conferred at Chicago***COLLEGE OF MEDICINE****Degree of Bachelor of Medicine**

Conferred June 10, 1938

MARION MASTERS RICKETTS, JR.

Degree of Bachelor of Science

Conferred June 9, 1961

JAMES ESTEL TURNS

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) cancellations, declinations, and resignations; (4) leaves of absence; (5) cancellation of leave of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

- ADAMS, JACK A., Associate Professor of Psychology and Laboratory Director, two months from June 16, 1961, \$1,055.55 a month; this is in addition to his present appointment (6-16-61).
- ALBRIGHT, MRS. LORRAINE H., Assistant in Home Economics (C), $\frac{3}{4}$ time, and in the Student Counseling Service, $\frac{1}{4}$ time, academic year beginning September 1, 1961, \$4,900 (8-16-61).
- ALBUS, ARIK, Instructor in General Engineering (C), academic year beginning September 1, 1961, \$6,500 (7-24-61).
- ALEXANDER, RICHARD W., Assistant in English, nine months from September 16, 1961, \$4,000 (8-14-61).
- ANDERSEN, SAYRE D., Assistant in English, nine months from September 16, 1961, \$4,000 (8-12-61).
- ANDREWS, RICHARD D., Assistant in Veterinary Pathology and Hygiene (College of Veterinary Medicine), one year from September 1, 1961, \$5,240 (7-24-61).
- ANDREWS, ROLLIN D., III, Project Assistant in the State Natural History Survey, one year from September 1, 1961, \$4,800 (8-16-61).
- APPLEMAN, LAUREL A., Assistant Editor of Publications, with rank of Assistant (Agricultural Experiment Station), $\frac{1}{2}$ time, one year from September 1, 1961, \$2,700 (8-18-61).
- ARCHER, JANE B., Instructor in Speech and Theatre, $\frac{1}{2}$ time from September 1, 1961-February 28, 1962, \$208.33 a month, and full time from March 1-August

- 31, 1962, \$416.66 a month, to render service during the academic year (8-16-61).
- ARMSTRONG, PAULINE B., Assistant Professor of Psychology, one year from July 1, 1961, \$7,750 (7-31-61).
- ATWOOD, BARBARA, Clinical Counselor in the Student Counseling Service, with rank of Instructor, $\frac{4}{5}$ time, one year from September 1, 1961, \$6,000 (8-12-61).
- BABLER, BERNARD J., Professor of Chemistry (Chicago Undergraduate Division), indefinite tenure, and Acting Head of the Division of Physical Sciences, one year, from September 1, 1961, to render service during each academic year, \$12,000 a year (8-12-61).
- BACHRACH, JOSEPH, Associate Professor of Chemistry (Chicago Undergraduate Division), Summer Session of 1961, $\frac{2}{3}$ time, August 14-September 8, 1961, \$608 for the period (9-1-61).
- BAERWALD, JOHN E., Professor of Traffic Engineering (Civil Engineering) (College of Engineering and Physical Plant Department), one month from July 1, 1961, \$1,044.44; this is in addition to his present appointment (7-31-61).
- BAIN, ROBERT A., Assistant in English, nine months from September 16, 1961, \$4,000 (8-14-61).
- BAIRD, JACK R., Research Assistant in Electrical Engineering (S), one year from September 1, 1961, \$5,750 (8-16-61).
- BAKER, JAMES L. L., Research Assistant in Mechanical Engineering (C), nine months from September 16, 1961, \$4,500 (8-11-61).
- BAKER, MRS. LORIS S., Assistant in English, nine months from September 16, 1961, \$4,400 (8-18-61).
- BAKER, ROBERT A., Research Associate in Music, nine months from September 16, 1961, \$4,800 (8-10-61).
- BALDINO, MRS. EVANGELINE C., Acquisition Assistant in the Library, one year from September 1, 1961, \$5,400 (8-23-61).
- BANERJEE, AMAL C., Research Assistant in Economic Entomology, $\frac{1}{2}$ time, nine months from September 1, 1961, \$2,400 a year, and full time, three months from June 1, 1962, \$4,800 a year (8-16-61).
- BARNARD, HERBERT M., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$3,000 (8-11-61).
- BARNES, TERENCE J., Research Associate in Chemistry, one year from September 1, 1961, \$6,000 (8-11-61).
- BARTHA, TAMAS I., Assistant in Mathematics (Chicago Undergraduate Division), nine months from September 16, 1961, \$4,600 (8-10-61).
- BARTON, DONALD, Visiting Research Assistant Professor of Chemistry, one year from September 1, 1961, \$8,500 (8-12-61).
- BATES, ROBERT B., Research Associate in Chemistry, July 1-August 28, 1961, \$1,400, supersedes (8-10-61).
- BAUMEISTER, ROGER L., Instructor in Speech (Chicago Undergraduate Division), $\frac{2}{5}$ time, academic year beginning September 1, 1961, \$2,240 (8-12-61).
- BERGER, LOIS J., Instructor in Biological Sciences (Chicago Undergraduate Division), academic year beginning September 1, 1961, \$4,800 (8-10-61).
- BERMAN, MARVIN H., Instructor in Pedodontics (Dentistry), $\frac{2}{5}$ time, one year from September 1, 1961, \$2,800 (8-12-61).
- BETTS, BRIAN E., Research Associate in Chemistry, one year from September 1, 1961, \$6,100 (8-11-61).
- BEUTTAS, JACK T., Research Assistant in Psychiatry (Medicine), one year from September 1, 1961, \$5,500 (8-12-61).
- BLENKNER, CHARLES L., Assistant in English, nine months from September 16, 1961, \$4,000 (8-14-61).
- BLEULER, K., Visiting Lecturer in Physics (C), one month from October 1, 1961, \$1,500 (7-24-61).
- BLUM, ALAN F., Instructor in Sociology (Chicago Undergraduate Division), $\frac{2}{5}$ time, academic year beginning September 1, 1961, \$2,240 (8-30-61).
- BOBREN, HOWARD M., Research Associate in the Institute of Communications Research (College of Journalism and Communications), one year from September 1, 1961, \$6,000 (7-24-61).
- BONALDI, RICHARD E., Pharmacy Resident in Hospital Pharmacy (Pharmacy), $\frac{1}{2}$ time, one year from September 1, 1961, \$1,500; for the convenience of the University he will also receive room and board (8-12-61).

- BORMAN, KAREN L., Instructor in Mathematics (Pharmacy), academic year beginning September 1, 1961, \$5,300 (8-30-61).
- BOUSEMAN, JOHN K., Research Assistant in Entomology, two months from June 16, 1961, \$422.22 a month (7-31-61).
- BRENT, GEORGE W., Instructor in Prosthodontics (Dentistry), $\frac{3}{5}$ time, one year from September 1, 1961, \$4,200 (7-24-61).
- BRIDGES, THOMAS W., Instructor in Music, academic year beginning September 1, 1961, \$6,200 (8-11-61).
- BROOKS, FLOYD L., JR., Visiting Instructor in Chemistry, academic year beginning September 1, 1961, \$7,700 (8-29-61).
- BROWN, O. ROBERT, JR., Research Assistant in University High School, nine months from September 16, 1961, \$6,000 (7-24-61).
- BROWN, ROBERT C., Assistant in the Institute of Aviation, nine months from September 16, 1961, \$4,725 (8-16-61).
- BROWNE, JULIA, Instructor in Art, academic year beginning September 1, 1961, \$5,500 (8-11-61).
- BRYANT, ROBERT E., Instructor in Dentistry (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1961, \$3,500 (8-12-61).
- BUCHHOLZ, EUGENE K., Assistant in Mechanical Engineering (C), nine months from September 16, 1961, \$4,800 (8-11-61).
- BUSTARD, MARGARET S., Assistant in Verbal Communication (Division of General Studies), nine months from September 16, 1961, \$4,200 (8-14-61).
- CHAKRAVARTI, SUSIL K., Research Associate in Chemistry, one year from September 1, 1961, \$6,100 (8-11-61).
- CHALMERS, MRS. RUTH, Research Assistant in Electrical Engineering (S), six months from September 1, 1961, \$408.33 a month (8-16-61).
- CHAMBERLAIN, ROBERTA A. S., Assistant in English, nine months from September 16, 1961, \$4,000 (8-14-61).
- CHAN, SHU-PARK, Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,600 (8-10-61).
- CHANNAPRAGADA, RAO S., Research Associate in Mining, Metallurgy, and Petroleum Engineering (C), three months from June 1, 1961, \$666.67 a month, supersedes (8-10-61).
- CHAPMAN, PETER J., Research Associate in Chemistry, one year from September 1, 1961, \$6,000 (8-12-61).
- CHATEL, M. A. LOUISE, Assistant-Interne in the Student Counseling Service, one year from September 1, 1961, \$4,900 (8-12-61).
- CHATMAN, DONALD G., Research Assistant in Medicine (Medicine), one year from September 1, 1961, \$5,500 (8-12-61).
- CHENG, HWEI-HSIEN, Research Associate in Soil Fertility (Agronomy) (S), one year from September 1, 1961, \$6,000 (8-18-61).
- CHICOREL, MARIETTA, Assistant Architecture Librarian, with rank of Instructor, September 15, 1961-August 31, 1962, \$6,500 a year (8-23-61).
- CLAUSEN, EDWARD M., Research Assistant in Ceramic Engineering (S), September 1-15, 1961, \$440 a month, supersedes (8-1-61).
- COLEMAN, HAROLD M., Instructor in Chemistry (Chicago Undergraduate Division), $\frac{3}{4}$ time, academic year beginning September 1, 1961, \$4,800 (8-10-61).
- COMPTON, W. DALE, Associate Professor of Physics (C), August 21-September 15, 1961, \$1,111.11 a month (8-3-61).
- COOLEY, JACK C., Clinical Assistant Professor of Physiology, two years from September 1, 1961, to render service during each academic year, without salary (7-31-61).
- COULOS, JAMES, Assistant in English, nine months from September 16, 1961, \$4,000 (8-14-61).
- COWGILL, WARREN C., Visiting Lecturer in the Classics, academic year beginning September 1, 1961, \$9,000 (8-12-61).
- CRANDALL, CORYL E., Assistant in English, nine months from September 16, 1961, \$4,000 (8-14-61).
- CRIMMEL, HENRY H., JR., Visiting Instructor in Philosophy, academic year beginning September 1, 1961, \$6,000 (8-15-61).
- CROSS, MRS. MARY A., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1961, \$4,100 (8-11-61).
- CROWDER, JAMES R., Research Assistant in the Coordinated Science Laboratory (C), one year from September 1, 1961, \$5,700 (8-12-61).

- DAVIS, OSCAR F., Instructor in Psychiatry (Medicine), July 1, 1961-August 31, 1962, without salary, supersedes salaried appointment (8-30-61).
- DAVIS, WILLIAM K., III, Instructor in Architecture, September 15, 1961-January 31, 1962, \$666.67 a month (8-12-61).
- DICKERSON, VINCENT M., Executive Officer of Naval Science, one year from September 1, 1960, \$600 (8-16-61).
- DJORUP, FRANS M., JR., Instructor in Mathematics, academic year beginning September 1, 1961, \$7,000 (8-15-61).
- DOBER, MRS. FRANCES M., Resident Assistant, Lundgren Hall, ten months from September 1, 1961, \$1,800; for the convenience of the University she will also receive room and meals while the dining rooms are open (8-31-61).
- DOUGHTY, CLYDE C., Assistant Professor of Biological Chemistry (Medicine), one year from September 1, 1961, without salary (8-18-61).
- DUBOIS, WILLIAM R., Assistant in English, nine months from September 16, 1961, \$4,000 (8-14-61).
- ECKEL, EARL J., Professor of Metallurgical Engineering (C), one month from June 16, 1961, \$1,155.55, supersedes his additional appointment dated June 7, 1961 (8-11-61).
- EICHHOLZ, ALEXANDER, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1961, \$4,900 (8-30-61).
- EIDUKEVICIUS, MARIJA, Research Assistant in Microbiology (Medicine), one year from September 1, 1961, \$4,900 (8-12-61).
- ELSEY, JOHN C., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,900; this is in addition to his appointment as Bendix Aviation Corporation Teaching Fellow in Electrical Engineering (8-23-61).
- EPSTEIN, WILLIAM W., Research Associate in Chemistry, September 1-October 15, 1961, \$458.34 a month (8-18-61).
- ETTER, DONAL E., Research Assistant in the State Water Survey, one year from July 1, 1961, \$6,000 (7-24-61).
- EUSTICE, DAN J., Instructor in Mathematics, academic year beginning September 1, 1961, \$7,500 (8-15-61).
- FARA, HARRY, Research Associate in Mining, Metallurgy, and Petroleum Engineering, $\frac{3}{4}$ time, September 16, 1961-January 31, 1962, \$555.55 a month (7-24-61).
- FAULK, CAROLYN S., Assistant in English, nine months from September 16, 1961, \$4,200 (8-12-61).
- FIELD, MARK G., Associate Professor of Sociology, August 15-31, 1961, \$723 (8-31-61).
- FINE, RALPH S., Instructor in Commerce and Business Administration (Chicago Undergraduate Division), Summer Session of 1961, June 23-August 18, 1961, \$534 for the period (7-18-61); and Instructor in Accountancy (Chicago Undergraduate Division), academic year beginning September 1, 1961, \$4,800 (8-12-61).
- FISHER, WALTER E., Research Associate in Civil Engineering (C), September 1, 1961-February 28, 1962, \$600 a month (8-18-61).
- FLENNER, ROSS H., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1961, \$4,400 (8-11-61).
- FLORSCHUETZ, LEON W., Research Assistant in Mechanical Engineering (C), nine months from September 16, 1961, \$4,500 (8-11-61).
- FOX, ELAINE, Research Assistant in Botany, one year from September 1, 1961, \$4,900 (8-23-61).
- FRAIL, CATHERINE, Assistant in the Student Counseling Service, one year from September 1, 1961, \$5,100 (8-12-61).
- FREIMAN, RITA S., Research Assistant in Microbiology (Medicine), one year from September 1, 1961, \$5,000 (8-10-61).
- FRIEND, GEORGE L., Assistant in English, nine months from September 16, 1961, \$4,000 (8-14-61).
- FUCHI, KAZUHIRO, Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1961, \$4,000 (8-11-61).
- FUJIWARA, MIYUKI, Research Assistant in the State Water Survey, one year from July 1, 1961, \$6,000 (7-24-61).
- FUKAZAWA, KAICHI, Research Associate in Food Technology (S), one year from September 1, 1961, \$5,850, supersedes (7-24-61).

- GANGULY, ASHOK, Research Associate in Food Technology (S), three months from September 1, 1961, \$487.50 a month (8-12-61).
- GDALMAN, LOUIS, Clinical Instructor in Pharmacy (Pharmacy), one year from September 1, 1961, without salary (8-30-61).
- GEORGIU, GEORGE T., Physician in the Health Service (Chicago Professional Colleges), $\frac{2}{5}$ time, one month from August 1, 1961, \$4,350 a year, supersedes (8-12-61).
- GLADISH, ROBERT W., Instructor in English (Chicago Undergraduate Division), September 16, 1961-January 31, 1962, to render service during the first semester of the academic year, \$2,500 (8-10-61).
- GOLDBERG, SAMUEL I., Associate Professor of Mathematics, indefinite tenure from September 1, 1961, to render service during each academic year, \$10,500 a year (8-16-61).
- GOLDEN, WILLIAM M., Research Assistant in Education (University High School), two months from June 16, 1961, \$422.22 a month (8-16-61).
- GOMOLL, ALLEN W., Instructor in Pharmacology (Medicine), one year from September 1, 1961, \$9,000 (8-10-61).
- GOODALL, FORREST R., Instructor in Physiology, nine months from September 16, 1961, \$5,000 (8-15-61).
- GOSS, MARY E., Instructor in Medical Social Work (Medicine), ten months from September 1, 1961, \$566.66 a month (8-12-61).
- GOTZ, GERTRUD, Assistant in Home Economics (C), one year from September 1, 1961, \$5,000 (8-18-61).
- GRAFF, GEORGE C., Research Assistant in Mathematics, two months from June 16, 1961, \$850 (8-7-61).
- GREENBERG, NAHMAN H., Assistant Professor of Psychiatry (Medicine), one year from September 1, 1961, \$14,000 (8-12-61).
- GREENFIELD, GEORGE B., Clinical Instructor in Radiology (Medicine), $\frac{1}{2}$ time, one year from September 1, 1961, \$2,760, supersedes (8-30-61).
- GRUBB, EUGENE L., Research Associate in Chemistry, one year from September 1, 1961, \$5,850 (8-11-61).
- GRUCZA, LEO V., Instructor in Art, academic year beginning September 1, 1961, \$5,500 (8-23-61).
- GUILLLOU, JOHN C., Associate Professor of Hydraulic Engineering (Civil Engineering) (S), one month from August 1, 1961, \$1,000; this is in addition to his present appointment (8-3-61).
- GUROLNICK, CAROL S., Instructor in English (Chicago Undergraduate Division), $\frac{1}{4}$ time, September 16, 1961-January 31, 1962, to render service during the first semester of the academic year, \$625 (8-12-61).
- GUTHRIE, FRANK A., Visiting Lecturer in Chemistry, academic year beginning September 1, 1961, \$8,000 (8-16-61).
- GUY, OSMOND S., Instructor in Art, academic year beginning September 1, 1961, \$5,800 (8-11-61).
- HAASE, GERHARD H., Clinical Instructor in Medicine (Medicine), $\frac{1}{4}$ time, August 8, 1961-June 30, 1962, \$1,800 a year, supersedes (8-12-61).
- HAIR, BENJAMIN M., Assistant Professor of Preventive Medicine (Medicine), $\frac{4}{5}$ time, ten months from September 1, 1961, \$12,800 a year (8-12-61).
- HALL, ROBERT N., Instructor in Speech and Theatre, academic year beginning September 1, 1961, \$6,000 (8-29-61).
- HAMILTON, WILLIAM A., Research Associate in Chemistry, one year from September 1, 1961, \$5,850 (8-12-61).
- HANNAH, HAROLD W., Professor of Veterinary Medical Law (Veterinary Medicine) and of Agricultural Law (C), indefinite tenure from September 1, 1961, to render service during each academic year, \$14,000 a year (7-24-61).
- HANSCOM, DONALD H., Clinical Instructor in Medicine (Medicine), $\frac{1}{2}$ time, July 1, 1961-August 31, 1962, \$1,800 a year (8-12-61).
- HARPER, ANNE Y., Research Assistant in the Bureau of Economic and Business Research, one year from September 1, 1961, \$4,900 (8-29-61).
- HART, ELDON C., Physics Librarian, with rank of Instructor, one year from September 1, 1961, \$7,000 (8-17-61).
- HARVEY, JOHN G., Instructor in Mathematics, academic year beginning September 1, 1961, \$7,000 (8-15-61).
- HAYASHI, JAMES A., Assistant Professor of Biological Chemistry (Medicine), one year from September 1, 1961, without salary (8-30-61).

- HELVIG, FLOY C., Clinical Instructor in Pediatrics (Medicine), $\frac{2}{3}$ time, one year from September 1, 1961, \$3,900 (8-12-61).
- HEMBROUGH, BETTY L., Assistant to the Dean of Women, $\frac{1}{2}$ time, ten months from September 1, 1961, \$2,000 (7-24-61).
- HERMAN, MYRL G., Visiting Lecturer in Education, nine months from September 16, 1961, \$7,500 (8-12-61).
- HEWITT, PETER H., Research Assistant in Entomology, three months from June 1, 1962, \$445 a month (8-16-61).
- HICHENS, MARTIN, Research Associate in Chemistry, one year from September 1, 1961, \$6,500 (8-18-61).
- HIGHUM, CLAYTON D., Assistant in English, nine months from September 16, 1961, \$4,000 (8-14-61).
- HILL, DIETRICH A., Assistant in English, nine months from September 16, 1961, \$4,400 (8-18-61).
- HILL, ROBERTA E., Research Associate in Animal Science (S), February 1-August 31, 1962, \$500 a month (8-12-61).
- HINDHEDE, UFFE, Instructor in General Engineering (C), academic year beginning September 1, 1961, \$6,000 (7-24-61).
- HOGAN, JAMES J., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,450 (8-10-61).
- HOOGENBOOM, BERNARD E., Research Associate in Chemistry, one year from September 1, 1961, \$6,500 (7-24-61).
- HOOVER, ALICE M., Chemistry Library Assistant in the Library, with rank of Instructor, September 11, 1961-August 31, 1962, \$5,850 a year (8-23-61).
- HUBBARD, JOHN H., JR., Assistant in Neurology and Neurological Surgery (Medicine), one year from January 1, 1962, without salary (8-12-61).
- HUGGINS, LARRY F., Assistant in Agricultural Engineering (S), July 1, 1961-January 31, 1962, \$455.56 a month (8-9-61).
- HUNT, MARIANNE, Assistant in English (Chicago Undergraduate Division), September 16, 1961-January 31, 1962, \$2,200 (8-10-61).
- IFRAM, ADNAN F., Research Assistant in Mathematics, one month from August 16, 1961, \$425 (8-23-61).
- ITO, YUJI, Instructor in Mathematics, academic year beginning September 1, 1961, \$6,500 (8-15-61).
- JAGER, VIRGINIA, Research Assistant in Chemistry, one year from September 1, 1961, \$4,900 (8-11-61).
- JAIN, MRS. GENEVIEVE, Assistant in French, nine months from September 16, 1961, \$4,000 (8-14-61).
- JANOWSKI, TADEUSZ, Instructor in Architecture, academic year beginning September 1, 1961, \$7,500 (8-12-61).
- JENKINS, H. DAVID, Instructor in Business Administration, $\frac{1}{2}$ time, one month from August 1, 1961, \$260; one year from September 1, 1961, $\frac{1}{2}$ time during Semester I and Semester II, and full time during the summer, 1962, \$3,900 (8-18-61).
- JENNÉ, WILLIAM C., Research Associate in the Institute for Research on Exceptional Children, one year from September 1, 1961, \$8,000 (8-12-61).
- JENSEN, ANNELIS S., Instructor in Physical Education for Women, second semester of the academic year, beginning February 1, 1962, \$3,050 (7-24-61).
- JERRARD, RICHARD P., Research Assistant Professor of Mathematics, two months from July 1, 1961, \$945 a month; this is in addition to his present appointment (8-1-61).
- JOHNSON, A. BEAUMONT, II, Clinical Associate in Neurological Surgery (Medicine), $\frac{1}{4}$ time, one year from September 1, 1961, \$1,800 (8-23-61).
- JOHNSON, BETTY H., Assistant in Chemistry, nine months from September 16, 1961, \$4,000 (8-11-61).
- JOHNSON, MRS. RUTH P., Instructor in Architecture, academic year beginning September 1, 1961, \$5,000 (8-11-61).
- JOHNSON, WILLIAM H., Associate Professor of Physiology, June 16-30, 1961, \$438.88; this in addition to his present appointment (8-12-61).
- KAISER, GERTRUDE E., Assistant Leader of Extension Education and Training, and Associate Professor of Agricultural Extension (E), indefinite tenure, one month from August 1, 1961, \$9,500 a year; and beginning September 1, 1961, \$9,700 a year (8-16-61).

- KELSEY, PATRICIA A., Assistant in Occupational Therapy (Medicine), July 1, 1961-August 31, 1962, \$5,900 a year (8-10-61).
- KEMPTON, JOHN M., Assistant in Psychology (Division of General Studies), September 16, 1961-January 31, 1962, \$477.77 a month (8-12-61).
- KENISTON, HELEN E., Resident Assistant, Pine Hall, ten months from September 1, 1961, \$1,600; for the convenience of the University she will also receive an apartment and meals while the dining rooms are open (8-16-61).
- KERANEN, DOLORES L., Assistant in English (Chicago Undergraduate Division), September 16, 1961-January 31, 1962, \$2,250 (8-12-61).
- KIERSCH, THEODORE A., Associate Professor of Hygiene and Chairman of the Mental Health Division (Health Service), August 7-31, 1961, \$1,333.33 a month (8-12-61).
- KING, MRS. COLLENE B., Instructor in Home Economics (C), academic year beginning September 1, 1961, \$5,600 (8-18-61).
- KING, NIKOLAI, Research Associate in Food Technology (S), six months from February 1, 1962, \$3,500 (8-12-61).
- KISTNER, ARTHUR L., Assistant in English, nine months from September 16, 1961, \$4,200 (8-12-61).
- KNIGHT, WANDA J., Instructor in Home Economics (C), academic year beginning September 1, 1961, \$5,000 (8-18-61).
- KOORAJIAN, SAMUEL, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1961, \$4,900 (8-30-61).
- KOZLOWSKI, HELEN S., Psychometrist in the Student Counseling Service (Chicago Undergraduate Division), one year from September 1, 1961, \$5,000 (8-12-61).
- KREIER, JULIUS P., Instructor in Veterinary Pathology and Hygiene (Veterinary Medicine), one year from September 1, 1961, \$6,500 (9-1-61).
- LABZARS, SYLVIA A., Research Assistant in Medicine (Medicine), one year from September 1, 1961, \$4,900 (8-30-61).
- LACROIX, YVES, Assistant Professor of Civil Engineering (C), academic year beginning September 1, 1961, \$6,500 (8-23-61).
- LAFUSE, HARRY G., Instructor in Electrical Engineering (C), $\frac{3}{4}$ time, academic year beginning September 1, 1961, \$3,900 (8-12-61).
- LANYON, H. PETER D., Visiting Research Associate in Electrical Engineering (S), one year from September 1, 1961, \$7,200 (8-12-61).
- LAVELLE, FAITH W., Research Associate in Anatomy (Medicine), $\frac{1}{2}$ time, academic year from September 1, 1961, \$3,200 (9-1-61).
- LAWSON, JOAN C., Instructor in English (Chicago Undergraduate Division), September 16, 1961-January 31, 1962, to render service during the first semester of the academic year, \$2,500 (8-10-61).
- LEBOVITS, BINYAMIN, Research Associate in Psychiatry (Medicine), $\frac{1}{8}$ time, August 1, 1961-August 31, 1962, \$1,900 (8-16-61).
- LE GALL, JEAN, Research Associate in Chemistry, one year from September 1, 1961, \$5,850 (8-18-61).
- LEVINGS, CHARLES S., III, Assistant in Plant Breeding (Agronomy) (C and S), one year from September 1, 1961, \$5,400 (8-18-61).
- LEWIS, ERNEST, Instructor in Audiology (Medicine), one year from September 1, 1961, \$7,000 (8-30-61).
- LINDELL, PHILIP W., Acting Binding Librarian, with rank of Assistant, October 11, 1961-August 31, 1962, \$6,400 a year, supersedes (8-16-61).
- LINDSEY, SUSAN J. B., Instructor in Library Science (Division of University Extension), $\frac{1}{2}$ time, one year from September 1, 1961, \$3,000 (8-16-61).
- LOFTISS, EUGENE W., Assistant in Speech and Theatre, nine months from September 16, 1961, \$4,000 (8-15-61).
- LUKER, CAROL W., Research Assistant in Microbiology, one year from September 1, 1961, \$5,000 (8-15-61).
- LUTON, JOSEPH M., JR., Assistant in the Institute of Aviation, nine months from September 16, 1961, \$4,275 (8-16-61).
- LUTZ, RICHARD W., Research Assistant in the State Natural History Survey, one year from September 1, 1961, \$5,040 (8-16-61).
- MADISON, JAMES M., Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1961, \$5,800 (8-30-61).
- MAJOROWICZ, ROGER L., Instructor in Art, academic year beginning September 1, 1961, \$5,500 (8-11-61).

- MARTIN, DAVID M., Assistant in English, nine months from September 16, 1961, \$4,000 (8-14-61).
- MARTIN, RICHARD T., Assistant in English, nine months from September 16, 1961, \$4,200 (8-16-61).
- MARTIN, ROBERT L., Assistant in Veterinary Pathology and Hygiene (Veterinary Medicine), September 16, 1961-August 31, 1962, \$4,900 a year (8-24-61).
- MARTZ, HOWARD D., Instructor in Journalism, $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,950 (7-24-61).
- MASSERMAN, CHRISTINE M., Assistant Director of Research in Medical Education (Medicine), $\frac{7}{10}$ time, nine months from September 16, 1961, \$7,000 (8-12-61).
- MAY, WILLIAM H., Research Assistant in the Institute of Communications Research, one year from September 1, 1961, \$4,900 (7-24-61).
- MCCABE, NANCIE M., Assistant in Home Economics (S), September 15, 1961-August 31, 1962, \$5,900 a year (8-18-61).
- MCCULLOH, LEON R., Instructor in Mathematics, academic year beginning September 1, 1961, \$7,500 (8-14-61).
- McHALE, MARILYN M., Instructor in Audiology (Medicine), one year from September 1, 1961, \$7,000 (8-30-61).
- McKINNON, DANA G., Assistant in English, nine months from September 16, 1961, \$4,200 (8-12-61).
- McNABB, WILLIAM J., Clinical Instructor in Surgery (Medicine), without salary, and Instructor in Oral and Maxillofacial Surgery (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1961, \$3,900, supersedes (8-18-61).
- MEIJER, JAN M., Visiting Lecturer in Russian and in History, September 16, 1961-January 31, 1962, \$6,000 (8-18-61).
- MELAMED, MYRON, Clinical Associate Professor of Radiology (Medicine), $\frac{1}{4}$ time, indefinite tenure from September 1, 1961, \$3,000 a year, supersedes (9-5-61).
- METZGER, MICHAEL M., Instructor in German, academic year beginning September 1, 1961, \$6,000 (8-14-61).
- MEUWESE, WILHELMUS A. T., Assistant in Psychology, $\frac{1}{4}$ time, and Research Assistant in Psychology, $\frac{3}{4}$ time, nine months from September 16, 1961, \$4,000 (8-17-61).
- MICHEL, Gerd A. W., Research Associate in Chemistry, five months from September 1, 1961, \$500 a month, supersedes (8-11-61).
- MIKAMI, KOUCHI, Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1961, \$4,200 (8-11-61).
- MILLER, EDWARD I., Assistant in Radiology (Medicine), one year from September 1, 1961, without salary (7-31-61).
- MILLER, ROBERT L., Instructor in Chemistry, $\frac{3}{4}$ time, and Assistant to the Dean, Liberal Arts and Sciences, $\frac{1}{4}$ time (Chicago Undergraduate Division), academic year beginning September 1, 1961, \$6,800 (8-12-61).
- MIRON, MURRAY S., Research Assistant Professor in the Institute of Communications Research, $\frac{2}{3}$ time, \$5,000 a year; and Assistant Professor of Psychology, $\frac{1}{3}$ time, \$2,500 a year, two years from September 1, 1961, to render service during each academic year (8-15-61).
- MITCHELL, JUNE D., Head Resident, Lincoln Avenue Residence (South), ten months from September 1, 1961, \$4,700; for the convenience of the University she will also receive room and meals while the dining rooms are in operation (8-16-61).
- MOLE, PAUL A., Assistant in Physical Education for Men, September 16, 1961-August 31, 1962, \$5,000 a year (8-16-61).
- MONTGOMERY, GERALD G., Research Associate in the State Natural History Survey, one year from September 1, 1961, \$5,880 (8-11-61).
- MOOS, WALTER S., Research Professor of Radiology and Radiation Physicist (Medicine), indefinite tenure from September 1, 1961, \$14,400 a year, supersedes (9-5-61).
- MORELLO, MARY R., Assistant to the Director of the Office of Foreign Student Affairs, July 24-August 31, 1961, \$6,500 a year (8-12-61).
- MORGAN, THOMAS T., Assistant in Education (University High School), nine months from September 16, 1961, \$5,300 (8-12-61).
- MORRIS, CHARLES, Research Associate in Education (University High School), $\frac{3}{4}$ time, academic year beginning September 1, 1961, \$4,350 (8-29-61).

- MUELLER, THOMAS J., Assistant Professor of Mechanical Engineering (C), academic year beginning September 1, 1961, \$8,100 (8-24-61).
- MUNRO, HUGH P., Assistant in Speech and Theatre, $\frac{1}{2}$ time, and Research Assistant in Speech and Theatre, $\frac{1}{2}$ time, nine months from September 16, 1961, \$4,000 (8-18-61).
- MURTHA, JOSEPH P., Assistant Professor of Civil Engineering (C and S), two years from September 1, 1961, to render service during each academic year, \$8,000 a year, supersedes (8-12-61).
- MUSLIN, HYMAN L., Instructor in Psychiatry (Medicine), $\frac{4}{5}$ time, one year from September 1, 1961, \$10,750 (8-12-61).
- NAKAMURA, MARIE, Research Assistant in Microbiology, June 1, 1961-August 31, 1962, \$4,900 a year (8-15-61).
- NAKANISHI, MASAKI, Research Associate in Chemistry, five months from September 1, 1961, \$500 a month (7-31-61).
- NAKAZAWA, YASUO, Research Associate in Chemistry, one year from September 1, 1961, \$6,300 (8-18-61).
- NATUSCH, LOIS E., Instructor in Medical Social Work (Medicine), one year from September 1, 1961, \$6,000 (8-30-61).
- NEUMANN, MRS. LORENA, Assistant Editor in Agricultural Administration, with rank of Instructor (E), $\frac{1}{2}$ time, one year from September 1, 1961, \$3,250 (8-24-61).
- NICHOLS, BRYAN W., Research Associate in Chemistry, one month from September 1, 1961, \$483.34 (8-10-61).
- NTAILIANAS, HARILAOS A., Research Associate in Food Technology (S), one year from September 1, 1961, \$5,850 (8-10-61).
- OLSON, GLADYS L., Assistant in Radiology (Medicine), one year from September 1, 1961, without salary (8-30-61).
- ONANIAN, EDWARD D., Research Associate in the Bureau of Economic and Business Research, $\frac{3}{4}$ time, one year from September 1, 1961, \$4,900 (8-29-61).
- ORNE, DAVID, Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,800 (8-18-61).
- ORR, JAMES B., Instructor in Geology (Chicago Undergraduate Division), academic year beginning September 1, 1961, \$4,800 (8-12-61).
- PAK, JINGYAL, Assistant in Mathematics, nine months from September 16, 1961, \$4,000 (8-15-61).
- PANTONE, ANTON M., Clinical Associate Professor of Radiology (Medicine), $\frac{1}{4}$ time, indefinite tenure from September 1, 1961, \$3,000 a year, supersedes (9-5-61).
- PAOLILLO, DOMINICK J., JR., Instructor in Botany, academic year beginning September 1, 1961, \$6,000 (8-4-61).
- PARTCH, HARRY, Research Associate in Speech and Theatre, 85/100 time, June 16, 1961-June 15, 1962, \$5,000 a year, supersedes (8-12-61).
- PATTERSON, MURRAY N., Research Assistant in Mechanical Engineering (C), one year from September 1, 1961, \$5,500, supersedes (7-24-61).
- PAULY, THEODORE J., Instructor in Dentistry (Dentistry), $\frac{1}{5}$ time, one year from September 1, 1961, \$1,500 (8-12-61).
- PEEK, LEVIN J., JR., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1961, \$5,500 (8-16-61).
- PELKA, FRANCIS X., Associate Professor of Fixed Partial Prosthodontics (Dentistry), $\frac{1}{2}$ time, indefinite tenure from September 1, 1961, \$5,000 a year (8-12-61).
- PENNEL, CHARLES A., Assistant in English, nine months from September 16, 1961, \$4,000 (8-14-61).
- PENNIMAN, WILLIAM D., Editorial Assistant in the College of Engineering, August 16-31, 1961, \$222.22 (9-1-61).
- PEPPER, ECHO D., Associate Professor of Mathematics, indefinite tenure from September 1, 1961, to render service during each academic year, \$9,000 a year, supersedes (8-23-61).
- PERESSINI, ANTHONY L., Instructor in Mathematics, academic year beginning September 1, 1961, \$7,000 (8-15-61).
- PETERSON, DONALD R., Associate Professor of Psychology, indefinite tenure from September 1, 1961, to render service during each academic year, \$10,500 a year, supersedes (8-23-61).

- PETERSON, RUTH F., Visiting Lecturer in Summer Session Youth Music, June 17-July 22, 1961, \$586 for the period; for the convenience of the University she will also receive room and board in camp facilities; supersedes previous Summer Session appointment (8-2-61).
- PHILLIPS, WILLIAM D., Assistant Professor in the Institute for Research on Exceptional Children, 57/100 time, and of Education, 43/100 time, academic year beginning September 1, 1961, \$7,800, supersedes (9-1-61).
- PIGAGE, LEO C., Professor of Mechanical Engineering (C), July 16-31, 1961, \$555.55; this is in addition to his present appointment (8-10-61).
- PINKERTON, MARY, Research Assistant in Chemistry, two months from July 1, 1961, \$466.66 a month (8-11-61).
- PLAGGE, JAMES C., Professor of Anatomy (Medicine), July 16-August 31, 1961, \$1,166.66 a month, supersedes (8-10-61).
- PLATT, GEORGE M., Research Associate in the Institute of Government and Public Affairs, six months from August 1, 1961, \$900 a month (8-1-61).
- POLLOCK, MICHAEL L., Assistant in Physical Education for Men, nine months from September 16, 1961, \$5,000 (8-16-61).
- POTEMPA, SYLVESTER, Instructor in Chemistry (Chicago Undergraduate Division), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,900 (8-10-61).
- POTTLE, MARCIA S., Research Assistant in Chemistry, July 1, 1961-June 30, 1962, \$408.33 a month (8-16-61).
- PRUZANSKY, SAMUEL, Professor of Dentistry (Dentistry), 20/100 time, indefinite tenure, and Associate Director and Orthodontist in the Cleft Palate Training Center, 66/100 time, two years from September 1, 1961, \$12,040 a year, supersedes (9-5-61).
- PULLIAM, WILLIAM E., Assistant in Education (University High School), nine months from September 16, 1961, \$5,000 (7-24-61).
- PURCELL, FRANCIS P., Consultant in the Jane Addams Graduate School of Social Work, with rank of Associate Professor, one year from September 1, 1961, \$10,750, supersedes (8-18-61).
- RACKIN, DONALD, Assistant in English, nine months from September 16, 1961, \$4,400 (8-14-61).
- RAMALINGAM, S., Instructor in Industrial Engineering (C), academic year beginning September 1, 1961, \$6,500 (8-11-61).
- RAMSAY, GEORGE C., Instructor in Art, academic year beginning September 1, 1961, \$5,500 (8-11-61).
- RAND, OLAN A., JR., Instructor in Art, nine months from September 16, 1961, \$7,000 (8-11-61).
- RANGA RAO, R., Instructor in Mathematics, academic year beginning September 1, 1961, \$6,000 (8-15-61).
- REBBE, CAROL, Instructor in County Home Extension (E), August 1, 1961-August 31, 1962, \$8,300 a year (8-16-61).
- REED, MARY, Assistant in English (Chicago Undergraduate Division), September 16, 1961-January 31, 1962, \$2,200 (8-30-61).
- REID, ERNEST A., Professor of Electrical Engineering, $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$4,500 (8-29-61).
- REMEC, MATTHEW J., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,500 (8-12-61).
- RETTET, ELIZABETH L., Resident Assistant, Clark House, ten months from September 1, 1961, \$1,600; for the convenience of the University she will receive an apartment and meals while dining rooms are open (8-31-61).
- RIBENBOIM, PAULO, Visiting Associate Professor of Mathematics, academic year beginning September 1, 1961, \$8,000 (8-21-61).
- RICKS, VICTOR E., Research Associate in Dental Education (Dentistry), 1/10 time, one year from September 1, 1961, \$1,000; this is in addition to his appointment as Professor of Education (Chicago Undergraduate Division) (8-30-61).
- RIFE, HAROLD E., Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1961, \$6,200 (8-14-61).
- RIGGS, ROBERT M., Assistant in French, nine months from September 16, 1961, \$4,800 (8-14-61).
- RIVENBARK, WILLIAM L., Research Associate in Plant Physiology (Agronomy) (S), one year from September 1, 1961, \$6,000 (8-18-61).
- ROBERG, NORMAN B., Professor of Medicine (Medicine), July 16-September 9, 1961, \$1,562.50 a month, supersedes (8-10-61).

- ROBINET, McLOUIS J., Instructor in Physics (Pharmacy), academic year beginning September 1, 1961, \$5,300 (8-30-61).
- ROBINSON, WILFRED K., Assistant in the Institute of Aviation, nine months from September 16, 1961, \$4,725 (8-16-61).
- RODDA, ERROL D., Research Associate in Agricultural Engineering (C and S), $\frac{3}{4}$ time, one year from September 1, 1961, \$5,100, supersedes (8-31-61).
- ROSS, DONALD A., Instructor in Psychology (Medicine), $\frac{3}{5}$ time, one year from September 1, 1961, \$3,600 (8-12-61).
- ROTMAN, JOSEPH J., Assistant Professor of Mathematics, two years from September 1, 1961, to render service during each academic year, \$8,000 a year (8-15-61).
- ROVER, KAREN R., Assistant in Chemistry (Pharmacy), nine months from September 16, 1961, \$4,000 (8-30-61).
- RUSSELL, CHARLES K., Research Associate in Ceramic Engineering (S), one year from September 1, 1961, \$9,000 (8-18-61).
- SASAGO, KENJI, Research Associate in Food Technology (S), one year from September 1, 1961, \$5,850 (7-24-61).
- SASTRY, PAPPU V., Research Associate in Physics (C), eleven months from October 1, 1961, \$7,500 a year (8-12-61).
- SAUNDERS, PRISCILLA P., Research Assistant in Dairy Science (C and S), one year from September 1, 1961, \$5,300 (8-25-61).
- SAVOY, MICHAEL, Instructor in Chemistry (Chicago Undergraduate Division), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,900 (8-10-61).
- SCHEYER, FREDERICK D., Assistant in the Institute of Aviation, nine months from September 16, 1961, \$4,185 (8-16-61).
- SCHORN, RONALD A., Research Assistant in Astronomy, two months from June 16, 1961, \$316.66 a month (7-31-61).
- SCHWARTZ, NEENA B., Associate Professor of Physiology (Medicine), indefinite tenure beginning September 1, 1961, \$11,750 a year (8-12-61).
- SCOGGINS, JAMES L., Assistant in English, nine months from September 16, 1961, \$4,200 (8-12-61).
- SHAFFER, SID J., Clinical Assistant Professor of Orthopaedic Surgery (Medicine), $\frac{1}{2}$ time, one year from September 1, 1961, \$2,000 (8-10-61).
- SHAFFER, LOUIS R., Assistant Professor of Civil Engineering (C), two years from September 1, 1961, to render service during each academic year, \$8,100 a year, supersedes (8-12-61).
- SHAFFER, WILLIAM M., Instructor in Journalism, $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,950 (7-24-61).
- SHOTWELL, MRS. JOAN S., Visiting Instructor in Physical Education for Women, $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$4,200 (7-24-61).
- SILLARS, MALCOLM O., JR., Visiting Research Associate in Speech and Theatre, nine months from September 16, 1961, \$4,800 (7-24-61).
- SLEEPER, MILDRED L., Instructor in Occupational Therapy (Medicine), one year from September 1, 1961, \$7,500 (8-30-61).
- SLOAN, RICHARD H., Assistant in Physical Education for Men, nine months from September 16, 1961, \$4,500 (8-16-61).
- SLONIGER, CARL R., Assistant in Physical Education for Men, nine months from September 16, 1961, \$4,500 (8-22-61).
- SMITH, GEORGE H., JR., Instructor in Sociology (Chicago Undergraduate Division), $\frac{3}{5}$ time, academic year beginning September 1, 1961, \$3,360 (8-10-61).
- SMITH, JULIUS, Instructor in Mathematics, academic year beginning September 1, 1961, \$6,800 (8-15-61).
- SMITH, WALTER L., Research Assistant in the Office of Instructional Research (Office of Executive Vice-President and Provost), nine months from September 16, 1961, \$5,730 (8-17-61).
- SPENCER, JOBIE, Research Assistant in Botany, one year from September 1, 1961, \$4,900 (8-23-61).
- STAPLETON, HARVEY J., Assistant Professor of Physics (C), September 1-15, 1961, \$800 a month; this is in addition to his present appointment (7-24-61).
- STEVENS, PHILLIP B., Instructor in Speech and Theatre, academic year beginning September 1, 1961, \$5,000 (8-17-61).
- STEWART, EDWARD B., Instructor in Oral and Maxillofacial Surgery (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1961, \$3,350, supersedes (8-18-61).

- STOESSEL, MARCELLE, Visiting Instructor in Physical Education for Women, first semester of the academic year, beginning September 1, 1961, \$3,000 (7-24-61).
- STOTTLAR, CARLINE B., Assistant in English (Chicago Undergraduate Division), September 16, 1961-January 31, 1962, \$2,100 (8-10-61).
- SUKOWSKI, ERNEST J., Assistant in Physiology (Medicine), nine months from September 16, 1961, \$5,100 (8-10-61).
- SURESH, KUPPAHALI S., Research Associate in Chemistry (Pharmacy), one year from September 1, 1961, \$6,000 (8-30-61).
- SWANSON, FREDERICK J., Visiting Lecturer in Summer Session Youth Music, June 18-July 1, 1961, \$250 for the period (7-31-61).
- TEXTOR, CHARLES S., II, Clinical Assistant Professor of Neurology and Neurological Surgery (Medicine), 1/10 time, one year from September 1, 1961, \$1,200 (8-23-61).
- THOITS, CHARLES F., III, Research Associate in the State Natural History Survey, one year from September 1, 1961, \$6,240 (8-11-61).
- THOMAS, MARY R., Instructor in Social Work, academic year beginning September 1, 1961, \$6,800 (8-24-61).
- THORNTON, HUBERT R., Research Associate in Ceramic Engineering (S), $\frac{3}{4}$ time, one year from September 1, 1961, \$5,550, supersedes (8-16-61).
- TOWE, KENNETH M., Research Associate in the Electron Microscope Laboratory, one year from September 1, 1961, \$7,000 (8-16-61).
- TRIANDIS, LEIGH M., Assistant Professor of Psychology, two years from September 1, 1961, \$8,000 a year (8-15-61).
- TSUJIOKA, BIEN, Research Associate in Psychology, $\frac{1}{2}$ time, one year from September 1, 1961, \$3,000 (8-16-61).
- TUCKER, PATRICIA A., Instructor in Mathematics, academic year beginning September 1, 1961, \$6,500 (8-15-61).
- TUNNELL, CURTIS D., Research Assistant in Anthropology, two months from July 1, 1961, \$500 a month; and one year from September 1, 1961, \$6,000 (8-24-61).
- TURNER, FRED A., Instructor in Chemistry (Pharmacy), academic year beginning September 1, 1961, \$5,000 (8-30-61).
- TWEEDY, BILLY G., Assistant in Plant Pathology (S), July 15-August 31, 1961, \$400 a month, supersedes (7-31-61).
- UPPER, CHRISTEN D., Research Assistant in Chemistry, one month from August 16, 1961, \$422.50 (8-10-61).
- VARZANDEH, MASSOUD, Research Assistant in Economic Entomology, one year from September 1, 1961, \$5,000 (8-11-61).
- VAUGHAN, HERBERT E., Professor of Mathematics, academic year beginning September 1, 1961, \$12,500; and indefinite tenure from September 1, 1962, to render service during each academic year, \$9,500 a year, supersedes (8-16-61).
- VENABLES, JOHN A., Research Associate in Physics (C), beginning November 26, 1961, and continuing through August 31, 1962, \$7,200 a year (7-24-61).
- VICKERY, ROBERT S., Research Associate in the Radiocarbon Laboratory, July 16-August 31, 1961, \$500 a month; and one year from September 1, 1961, \$6,000 (8-16-61).
- VOGEL, WADE W., Assistant in the Institute of Aviation, nine months from September 16, 1961, \$4,275 (8-17-61).
- VORBECK, JOSEPH F., Assistant in the Institute of Aviation, nine months from September 16, 1961, \$4,635 (8-16-61).
- WARE, EDWARD E., Research Assistant Professor in the Institute of Communications Research, nine months from September 1, 1961, \$7,500 (7-24-61).
- WAX, ARNOLD, Instructor in Prosthodontics (Dentistry), $\frac{2}{5}$ time, one year from September 1, 1961, \$2,800 (8-12-61).
- WENNINGER, EUGENE P., Research Assistant in Sociology, June 16-August 31, 1961, \$422.22 a month (8-16-61).
- WETZEL, JOHN E., Instructor in Mathematics, academic year beginning September 1, 1961, \$6,500 (8-15-61).
- WILDING, LAWRENCE P., Assistant in Pedology (Agronomy) (S), September 1-15, 1961, \$227.78 (8-22-61).
- WILLE, L. JANE, Consultant in Social Work, with rank of Associate Professor, two years from September 1, 1961, \$11,200 a year, supersedes (8-18-61).

- WILLIAMS, RAYMOND E., Assistant Professor of Education and Assistant Dean of the College of Education, $\frac{1}{2}$ time, and Head of Counseling Services, University Council on Teacher Education, $\frac{1}{2}$ time, two years from September 1, 1961, \$10,000 a year, supersedes (8-12-61).
- WILLIAMS, VICTOR T., Research Assistant in Economic Entomology, nine months from September 1, 1961, $\frac{1}{2}$ time, \$2,400 a year, and three months from June 1, 1962, full time, \$4,800 a year (8-16-61).
- WILSON, JEAN G., Research Assistant in Agricultural Entomology (S), one year from September 1, 1961, \$5,000 (8-10-61).
- WOLFE, MARTIN S., Research Associate in Education (University High School), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,900 (8-29-61).
- WOLFSON, NANCY, Research Associate in Botany, one year from October 1, 1961, \$5,850 (9-1-61).
- YAMAUCHI, KUNIO, Research Associate in Food Technology (S), one year from September 1, 1961, \$5,850, supersedes (7-24-61).
- YAPP, WILLIAM W., Professor of Dairy Science (C and S), $\frac{1}{2}$ time, six months from September 1, 1961, \$388 a month (8-12-61).
- YOSHIKAWA, HIROSHI, Research Associate in Microbiology, three months from July 1, 1961, \$541.66 a month; and nine months from October 1, 1961, \$6,500 a year (8-15-61).
- YOUNG, KAREN Y., Catalog Assistant in the Library, September 15, 1961-August 31, 1962, \$5,500 a year (7-24-61).
- YOUNG, PAUL T., Professor of Psychology, $\frac{1}{2}$ time, one year from September 1, 1961, \$6,360 (8-21-61).
- YUSKEN, JOHN W., Research Associate in Radiology (Medicine), one year from September 1, 1961, \$7,600 (8-12-61).
- ZIMMERMAN, MARIE, Assistant—Counseling, in Student Counseling Service, one year from September 1, 1961, \$6,000 (8-12-61).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- ADKINS, RICHARD W., Engineering Faculty Development Teaching Fellow in Mechanical Engineering, one year from September 16, 1961, \$1,750, supersedes (8-7-61).
- ANDREWS, JAMES H., Fellow (Intern) in Government and Public Affairs, nine months from September 16, 1961, \$2,025 (7-19-61).
- ATWOOD, GERALD F., United States Public Health Service Fellow (Trainee) in Endocrinology and Metabolism (Chicago Professional Colleges), July 1-September 15, 1961, \$600 (7-11-61).
- BALKAN, MRS. ESTHER, National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$1,800 (8-17-61).
- BALTER, ALAN L., Alpha Sigma Alpha Fellow in Education, nine months from September 16, 1961, \$1,000 (8-22-61).
- BARR, MARY R., Office of Vocational Rehabilitation Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$1,800 (8-17-61).
- BAUTZ, EKKEHARD K., National Institute of Health Postdoctoral Fellow (Trainee) in Chemistry, two months from August 1, 1961, \$835 (8-3-61).
- BEAMAN, DONALD R., Inland Steel-Ryerson Foundation Fellow in Metallurgy, nine months from September 16, 1961, \$2,400 (7-24-61).
- BERG, CHARLES R., United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), one year from September 1, 1961, \$6,000 (8-4-61).
- BEUKEMA, RUTH, United States Public Health Service Fellow (Trainee) in Education (School Psychology), nine months from September 1, 1961, \$2,400 (7-26-61).
- BISWAS, MRS. CHITRA, United States Public Health Service Fellow (Trainee) in Animal Science, one year from September 1, 1961, \$2,400 (7-25-61).
- BLAZEK, WILLIAM V., United States Public Health Service Fellow (Special) in Medicine (Chicago Professional Colleges), one year from July 1, 1961, stipend to be paid by the United States Public Health Service (8-9-61).
- BOCKMAN, DALE E., United States Public Health Service Fellow (Trainee) in Anatomy, one year from September 1, 1961, \$4,000 (8-4-61).

- BRITTAIN, THOMAS M., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1961, \$2,600, supersedes (8-1-61).
- BURNETT, MRS. MARILOU, National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$1,800 (8-25-61).
- CUTLER, JANET, Office of Vocational Rehabilitation Fellow (Trainee) in Education, nine months from September 16, 1961, \$1,800 (8-22-61).
- DEAL, RALPH M., National Institute of Health Postdoctoral Fellow (Trainee) in Chemistry, one year from September 1, 1961, \$6,300 (8-11-61).
- DEMARCO, WILLIAM, United States Public Health Fellow (Trainee) in Psychology, nine months from September 16, 1961, \$2,400 (8-4-61).
- DOROSZ, LEON C., United States Public Health Fellow (Trainee) in Psychology, nine months from September 16, 1961, \$2,000 (8-4-61).
- DOWD, JOHN M., United States Public Health Service Fellow (Trainee) in Medicine (Infectious Diseases) (Chicago Professional Colleges), one year from July 1, 1961, \$5,500 (7-17-61).
- DYASI, HUBERT M., Fellow in Education, nine months from September 16, 1961, \$1,500 (4-1-61).
- DYSON, ROBERT D., United States Public Health Service Fellow (Trainee) in Chemistry, one year from September 1, 1961, \$2,460 (7-14-61).
- EISENBERG, SARA, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), one year from September 1, 1961, \$2,300 (7-24-61).
- ELSEY, JOHN C., Bendix Aviation Corporation Teaching Fellow in Electrical Engineering, September 16, 1961-January 31, 1962, \$1,250 (6-27-61).
- ELWOOD, CHARLES M., United States Public Health Service Fellow (Special) in Arthritis and Metabolic Diseases (Chicago Professional Colleges), one year from July 1, 1961, stipend to be paid directly by the United States Public Health Service (7-25-61).
- EYZAGUIRRE, JAIME, United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1961, \$2,200 (7-14-61).
- FARMER, MELVIN L., Teaching Fellow in Chemistry, nine months from September 16, 1961, \$1,400, supersedes (8-2-61).
- FERRER, JOSE L., Cancer Clinic Trainee (Tumor Clinic) (Chicago Professional Colleges), one year from July 1, 1961, \$6,000 (8-4-61).
- FIERER, MRS. MARTHA J. S., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$1,800 (8-17-61).
- FLEISCHMAN, IRA M., United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), one year from September 1, 1961, \$6,000 (8-4-61).
- FRANK, IRA M., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1961, \$2,400 (8-14-61).
- FREIDMAN, EUGENE F., National Institutes of Health Fellow (Trainee) in Chemistry, one year from September 1, 1961, \$2,500 (7-13-61).
- FU, PAUL S., Fellow in Law, nine months from September 16, 1961, \$1,000 (8-14-61).
- FUNK, MERLE W., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$1,800 (8-17-61).
- GENSKOW, JACK K., Office of Vocational Rehabilitation Fellow (Trainee) in Education, nine months from September 16, 1961, \$1,800 (8-22-61).
- GERSHOWITZ, BEATRICE, National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$1,800 (8-25-61).
- GIACOMONI, DARIO, United States Public Health Fellow (Trainee) in Microbiology, one year from September 1, 1961, \$2,667 (8-17-61).
- GREGG, PATRICIA E., United States Public Health Fellow (Trainee) in Psychology, nine months from September 16, 1961, \$2,000 (8-4-61).
- GRUNDY, MRS. MARY, National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$2,000 (8-17-61).
- GUIRE, PATRICK, United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1961, \$2,200 (7-25-61).
- HAMBRIGHT, PATRICIA A., Office of Vocational Rehabilitation Fellow (Trainee) in Education, nine months from September 16, 1961, \$1,800 (8-22-61).

- HARPRING, LINDA, United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1961, \$2,000 (7-25-61).
- HAVRAN, ROBERT T., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1961, \$2,000 (7-25-61).
- HAYASHI, MASAKI, Upjohn Company Fellow in Microbiology, nine months from September 16, 1961, \$2,400 (7-24-61).
- HIGHTOWER, BERNICE, National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$1,800 (8-17-61).
- HOIT, MICHAEL, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), two months from July 1, 1961, \$120 (7-24-61).
- HOSLER, CHARLES F., JR., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1961, \$2,000 (7-25-61).
- HOY, GAIL E., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$2,000 (8-17-61).
- JANADO, MASANOBU, United States Public Health Fellow (Trainee) in Food Technology, one year from September 1, 1961, \$2,200 (8-4-61).
- KARLOWICH, ROBERT A., Fellow in Soviet Studies, one month from June 16, 1961, \$308; and five months from February 1, 1962, \$1,800 (6-15-61).
- KENTNER, DELMAR E., Fellow (Intern) in Government and Public Affairs, one year from September 1, 1961, \$2,400 (7-28-61).
- KLATTENHOFF, MARY L., Office of Vocational Rehabilitation Fellow (Trainee) in Education, nine months from September 16, 1961, \$2,000 (8-22-61).
- KOKALIS, SOTER G., Du Pont Teaching Fellow in Chemistry, nine months from September 16, 1961, \$1,200 (7-31-61).
- MASON, RICHARD A., National Institutes of Health Fellow (Trainee) in Veterinary Medical Science, one year from August 1, 1961, \$7,000 (8-4-61).
- MCCREATH, DAVID W., National Institutes of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$1,800 (8-17-61).
- MCGUIRE, DOUGLASS, United States Public Health Service Fellow (Trainee) in Education (School Psychology), nine months from September 1, 1961, \$2,000 (7-26-61).
- McKENNA, DIANE C., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$1,800 (8-17-61).
- MEDOW, JERRY H., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$2,000 (8-17-61).
- NADOR, FRANK, United States Public Health Service Postdoctoral Fellow in Neurophysiology (Chicago Professional Colleges), June 1, 1961-August 31, 1962, stipend to be paid directly by the United States Public Health Service (7-25-61).
- NISHIDA, MRS. HIRO I., Lauterbach Memorial Fellow in Food Technology, nine months from September 1, 1961, \$1,500 (8-1-61).
- NUESE, CHARLES J., Alfred P. Sloan Foundation Faculty Development Fellow in Electrical Engineering, nine months from September 16, 1961, \$2,400, super-sedes (7-31-61).
- OSMANSKI, C. PAUL, United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), one year from September 1, 1961, \$4,500 a year (5-11-61).
- PUGSLEY, JAMES H., Paul V. Galvin Teaching Fellow in Electrical Engineering, nine months from September 16, 1961, \$2,000 (7-24-61).
- ROSENBLATE, HOWARD, United States Public Health Service Student Fellow in Psychiatry (Chicago Professional Colleges), two months from July 1, 1961, \$120 (7-11-61).
- ROTBLAT, NORMAN, United States Public Health Service Post-Sophomore Dental Research Fellow (Chicago Professional Colleges), one year from September 1, 1961, \$3,200 (8-28-61).
- RUDOLPH, GREGORY C., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$1,800 (8-17-61).
- SCHACHT, ROBERT E., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$1,800 (8-17-61).
- SCHLUETER, SYLVIA J., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$1,800 (8-17-61).

- SCHWARTZ, MRS. SUSAN S., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1961, \$2,000 (7-25-61).
- SEELY, OLIVER, JR., National Institutes of Health Teaching Fellow (Trainee) in Chemistry, nine months from September 16, 1961, \$1,000 (7-13-61).
- SHERMAN, CAROL L., National Institutes of Health Fellow (Trainee) in Chemistry, nine months from September 16, 1961, \$2,000 (7-13-61).
- SLOTNICK, MRS. LEE K., United States Public Health Fellow (Trainee) in Psychology, nine months from September 16, 1961, \$3,000 (8-4-61).
- SMOLEN, VICTOR F., University Fellow in the Chicago Professional Colleges, nine months from September 16, 1961, \$1,500 (3-30-61).
- STEWART, THOMAS B., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, one year from September 1, 1961, \$5,700 (8-9-61).
- STRASSER, HELLMUT, Ford Postdoctoral Fellow in the Institute for Research on Exceptional Children, nine months from September 16, 1961, \$5,000 (7-24-61).
- SWIATEK, KENNETH R., United States Public Health Service Fellow (Trainee) in Biological Chemistry, ten months from September 1, 1961, \$1,920 (8-4-61).
- VERMEULEN, CARL W., United States Public Health Service Fellow (Trainee) in Chemistry, two months from July 16, 1961, \$445 (7-24-61).
- WALKER, RICHARD E., Office of Vocational Rehabilitation Fellow (Trainee) in Education, nine months from September 16, 1961, \$1,800 (8-22-61).
- WILSON, VANNIE, JR., United States Public Health Service Fellow (Trainee) in Biological Chemistry (Chicago Professional Colleges), ten months from September 1, 1961, \$1,920, supersedes (7-28-61).
- YACKEL, ADOLPH, Office of Vocational Rehabilitation Fellow (Trainee) in Education, nine months from September 16, 1961, \$1,800 (8-22-61).
- YANKOVSKY, SAUL A., United States Public Health Fellow (Trainee) in Microbiology, nine months from September 16, 1961, \$2,000 (8-17-61).

CANCELLATIONS, DECLINATIONS, AND RESIGNATIONS

- APPLEGATE, SHELTON P., Assistant Professor of Biological Sciences (Chicago Undergraduate Division)—resignation effective September 1, 1961.
- BALABEN, MARTIN, United States Public Health Service Postdoctoral Fellow in Psychiatry (Special) (Chicago Professional Colleges)—cancellation effective September 1, 1960.
- BAUTZ, EKKEHARD K. F., National Institute of Health Postdoctoral Fellow (Trainee) in Chemistry—resignation effective September 1, 1961.
- BREED, VIRGINIA A., Instructor in Audiology (Medicine)—resignation effective September 1, 1961.
- CLARK, HERBERT J., Summer Fellow in Psychology—resignation effective August 1, 1961.
- COLMAN, FAYE M., Resident Assistant, Fourth Street Halls—declination effective September 1, 1961.
- COX, RICHARD H., Research Associate in Psychiatry (Medicine)—declination effective September 1, 1961.
- DE LA TORRE, LUIS, Assistant Professor of Zoology (Pharmacy)—declination effective September 1, 1961.
- DE RIVERS, MRS. MERCEDES M., Research Associate in Microbiology—resignation effective October 1, 1961.
- DIMMICK, JOHN F., Research Associate in Physiology—declination effective September 1, 1961.
- DORENKAMP, JOHN H., Assistant in English—resignation effective September 16, 1961.
- DOUGHTY, CLYDE C., Research Associate in Biological Chemistry (Medicine)—declination effective September 1, 1961.
- DUNBAR, JEAN M., Assistant Professor of Manufacturing Pharmacy (Pharmacy)—resignation effective September 1, 1961.
- DUNCAN, ESTHER, Visiting Lecturer in Summer Session Youth Music—resignation effective July 11, 1961.
- ENDERBY, CHARLES E., Assistant Professor of Electrical Engineering—resignation effective September 1, 1961.
- FAHRNKOPF, MARY K., Instructor in Business Administration—declination effective September 1, 1961.

- GILMORE, THOMAS B., JR., Assistant in English—declination effective September 16, 1961.
- GILSON, MARY, Assistant in Occupational Therapy (Medicine)—declination effective September 1, 1961.
- GLADISH, DAVID, Assistant in English—resignation effective September 16, 1961.
- GOOD, RALPH E., Research Associate in Forestry—declination effective July 1, 1961.
- GOODIN, GEORGE V., Assistant in English—resignation effective September 16, 1961.
- HUANG, TSENG, Assistant Professor of Civil Engineering—resignation effective September 1, 1961.
- JERAS, MRS. VIVIAN K., Registered Pharmacist in Hospital Pharmacy (Pharmacy)—resignation effective September 1, 1961.
- KIRSCHFELD, SIGRID J., Research Associate in Animal Science—declination effective September 1, 1961.
- LAWRENCE, KENT L., Instructor in Theoretical and Applied Mechanics—declination effective September 1, 1961.
- LEDET, DAVID A., Assistant Professor of Music—resignation effective September 1, 1961.
- LEEVEY, RICHARD S., Assistant in English—resignation effective September 16, 1961.
- LEIBY, CLARE C., JR., Research Assistant in Electrical Engineering—resignation effective September 1, 1961.
- LEMON, LEE T., Assistant in English—resignation effective September 16, 1961.
- LOOMIS, BARBARA, Instructor in Occupational Therapy (Medicine)—declination effective September 1, 1961.
- LU, WEI-JUNE, Research Assistant in Horticulture—cancellation effective September 1, 1961.
- LUTON, JOSEPH M., JR., Assistant in the Institute of Aviation—declination effective September 16, 1961.
- MA, HSIAO J., Instructor in Electrical Engineering—resignation effective September 1, 1961.
- MACINTYRE, JAMES M., Assistant in English—resignation effective September 16, 1961.
- MCCLURE, JAMES H., Associate Professor of Obstetrics and Gynecology (Medicine)—resignation effective October 1, 1961.
- MCGRATH, MRS. BARBARA, Assistant in Home Economics—resignation effective September 1, 1961.
- MEAD, GEORGE C., Student Counselor in Commerce and Business Administration and Instructor in Accountancy—declination effective September 1, 1961.
- MERTES, ROBERT A., Instructor in Mathematics (Chicago Undergraduate Division)—declination effective September 1, 1961.
- MOROKOFF, GENE E., Assistant Editor in the Agricultural Experiment Station and in the Extension Service in Agriculture and Home Economics, with rank of Instructor—resignation effective September 1, 1961.
- MORRILL, WALTER D., Binding Librarian in the Library, with rank of Instructor—resignation effective October 11, 1961.
- NIELSON, PAUL E., Associate Professor of Psychiatry (Medicine)—declination effective September 1, 1961.
- ODERKIRK, LILA J., Instructor in Home Economics—resignation effective September 1, 1961.
- OTSUKA, EIZO, Research Associate in Physics—declination effective September 1, 1961.
- PATTERSON, M. N., Research Assistant in Mechanical Engineering—declination effective September 16, 1961.
- PEASLEY, MELVIN L., Assistant in Plant Breeding (Agronomy)—resignation effective September 1, 1961.
- PICKER, MARTIN, Instructor in Music—resignation effective September 1, 1961.
- PLISKE, LEONA K., Instructor in Medical Social Work (Medicine)—resignation effective September 1, 1961.
- PRINCIC, WALTER F., Assistant in English—resignation effective September 16, 1961.
- RAWLIN, I. LOYD W., Psychiatrist and Assistant Professor of Hygiene, in the Health Service—resignation effective September 11, 1961.

- RIDDLE, WILLIAM, Research Assistant in Preventive Medicine (Medicine) — resignation effective June 1, 1961.
- RIPPIE, MRS. ELOISE, Instructor in Home Economics — resignation effective September 1, 1961.
- ROTH, GUENTHER, Assistant Professor of Sociology — resignation effective September 1, 1961.
- SCHAW, LOUIS C., Research Associate in Psychiatry (Medicine) — declination effective September 1, 1961.
- SCHRODER, KLAUS, Research Assistant Professor of Metallurgical Engineering — resignation effective September 1, 1961.
- SCHWARTZ, WILLIAM, Associate Professor of Social Work — resignation effective September 1, 1961.
- SCRANTON, MARGARET J., Assistant Editor in Law, with rank of Assistant — resignation effective September 1, 1961.
- SHANNON, MRS. BARBARA M., Assistant in Home Economics — resignation effective September 1, 1961.
- SPRINGER, MELVIN J., Assistant in Physical Education for Men (Chicago Undergraduate Division) — declination effective September 16, 1961.
- THOMPSON, ROSEMARY B., Head Resident, Graduate Halls — declination effective September 1, 1961.
- THORNTON, EARL A., Instructor in Theoretical and Applied Mechanics — resignation effective September 1, 1961.
- TOEFFER, RICHARD E., JR., Instructor in Electrical Engineering — resignation effective September 1, 1961.
- WHITTIER, JOAN G., Instructor in Home Economics and Counselor in the Student Counseling Service — resignation effective September 1, 1961.
- ZAMIS, LENORE H., Assistant in Nursing — resignation effective September 1, 1961.

LEAVES OF ABSENCE

- CSALLANY, MRS. AGNES, Research Associate in Animal Science, in the Agricultural Experiment Station — leave of absence, without pay, from October 9 through November 12, 1961.
- DANIELS, RALPH, Associate Professor of Chemistry, in the College of Pharmacy — leave of absence, with full pay from September 1, 1961, through February 28, 1962, and without pay from March 1 through August 31, 1962, instead of leave on one-half pay for 1961-62.
- GLISSENDORF, OWEN F., Assistant Editor in the Agricultural Experiment Station, with rank of Assistant Professor of Agriculture — leave of absence, without pay, for one year from August 21, 1961, so that he may accept an appointment as International Cooperation Administration extension information adviser in Brazil.
- PABARCUS, ALGIS, Assistant Professor of Engineering, in the Chicago Undergraduate Division — leave of absence, without pay, for the academic year 1961-62, so that he may accept a National Science Foundation Fellowship.
- PETERSON, LEWIS V., Producer-Supervisor of Television Motion Pictures, in the College of Journalism and Communications — leave of absence, without pay, for one year from September 1, 1961.
- REEVE, FRANKLIN D., Associate Professor of Russian — leave of absence, without pay, from September 1 through December 31, 1961.
- REEVES, ELIZABETH J., Instructor in Veterinary Anatomy and Histology, in the College of Veterinary Medicine — extension of disability leave of absence, without pay, for one year from September 1, 1961, or for as much of that time as may be necessary.
- ROBINSON, I. B., Associate Professor of Oral and Maxillofacial Surgery, in the College of Dentistry; and Clinical Associate Professor of Surgery, in the College of Medicine — leave of absence, without pay, for one year from September 1, 1961.
- STEPHEN, VICTOR R., Assistant Extension Editor in the Extension Service in Agriculture and Home Economics, with rank of Assistant Professor — leave of absence, without pay, from July 3 through August 7, 1961.

WESTMEYER, PAUL, Assistant Professor of Education, in the University High School—extension of leave of absence, without pay, for the academic year 1961-62, so that he may continue working as director of the Chemical Bond Approach Project.

WILLIAMS, SHELDON W., Associate Professor of Agricultural Marketing (Agricultural Economics), in the Agricultural Experiment Station—leave of absence, without pay, from September 1, 1961, through March 31, 1962, so that he may take a short-term assignment as research director for the New York Governor's Committee on Milk Marketing.

CANCELLATION OF LEAVE OF ABSENCE

PROROK, EDWARD S., Assistant Professor of Orthodontics, in the College of Dentistry—leave of absence, without pay, for one year beginning September 1, 1961, cancelled without prejudice.

ANNUAL MEETING OF ASSOCIATION OF GOVERNING BOARDS

President Williamson announced that he has designated Mrs. Watkins as the official delegate of the Board of Trustees for the annual meeting of the Association of Governing Boards of State Universities and Allied Institutions to be held at the University of Nebraska, October 10 to 14, 1961.

On motion of Mr. Hughes, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

October 18, 1961



The October meeting of the Board of Trustees of the University of Illinois was held at the Chicago Professional Colleges, in the Chicago Illini Union, Chicago, Illinois, on Wednesday, October 18, 1961, beginning at 10:30 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Governor Otto Kerner was absent; Mr. Richard A. Harewood was not present when the meeting started but joined it later.

Also present were President David D. Henry, Executive Vice-President and Provost Lyle H. Lanier, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Dr. J. S. Begando, Vice-President in charge of the Chicago Professional Colleges, Director C. S. Havens of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. James J. Costello, Legal Counsel, Mr. V. L. Kretschmer, Director of Auxiliary Services, Mr. H. W. Pearce, Associate Director of the Physical Plant; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
JEROME BROUTMAN	Chicago	District of Columbia
ROBERT SAMUEL FANKHAUSER	Chicago	West Virginia
DANIEL H. FRAZIN	Chicago	District of Columbia
LAWRENCE STEWART LEES	St. Louis, Missouri	Missouri
ARNE ROY REINERTSEN	Roosevelt, New York	New York

I concur.

On motion of Mr. Johnston, these certificates were awarded.

HEADSHIP OF THE DEPARTMENT OF VETERINARY PHYSIOLOGY AND PHARMACOLOGY

(2) The Dean of the College of Veterinary Medicine recommends the appointment of Dr. Roger P. Link as Professor of Veterinary Physiology and Pharmacology on indefinite tenure and as Head of the Department from September 16, 1961, through August 31, 1963; and the Director of the Agricultural Experiment Station recommends his appointment as Professor of Veterinary Research in the Agricultural Experiment Station on indefinite tenure beginning September 16, 1961; both appointments being on a twelve-month service basis, at a total annual salary rate of \$14,500.

Dr. Link has been serving as Acting Head of the Department of Veterinary Physiology and Pharmacology since the retirement of Professor Jesse Sampson in February, 1961. The recommendation for his appointment was initiated by a search committee representing the College of Veterinary Medicine and three other colleges and has been submitted after consultation with all members of the Department of professional rank. The recommendation is concurred in by the Dean of the Graduate College and the Executive Vice-President and Provost.

I recommend approval.

On motion of Mr. Hughes, this appointment was approved.

APPOINTMENTS TO THE FACULTY

(3) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. CHARLES F. ABILDGAARD, Assistant Professor of Pediatrics, College of Medicine, beginning September 1, 1961, on three-fourths time, at an annual salary of \$6,000 (DY75).
2. ARI ADINI, Assistant Professor of Civil Engineering, beginning September 1, 1961, at an annual salary of \$6,800 (D).
3. MARILYN MAGDALENE DUNSING, Associate Professor of Family Economics, Department of Home Economics, beginning February 1, 1962, at an annual salary of \$12,000 (BY).
4. WINSTON ELTING, Assistant Professor in the Department of Architecture and Art, Chicago Undergraduate Division, beginning September 1, 1961, at an annual salary of \$9,250 (D).
5. MARIE A. FERGUSON, Counselor, Student Counseling Service, and Assistant Professor of Psychology in Social Sciences, Chicago Undergraduate Division, beginning September 1, 1961, on one-half time, at an annual salary of \$4,000 (DY50).
6. SHIGERU HATANO, Lecturer in Anesthesiology, with rank of Professor, De-

partment of Surgery, beginning September 1, 1961, on three-tenths time, at an annual salary of \$4,250 (DY30).

7. HARRY LITTLE, Psychiatrist and Assistant Professor of Hygiene, in the Health Service, beginning October 9, 1961, at an annual salary of \$14,500 (BY).
8. M. HENRY PITTS, Counselor, Student Counseling Service, and Assistant Professor of Psychology in Social Sciences, Chicago Undergraduate Division, beginning September 1, 1961, at an annual salary of \$9,200 (DY).
9. NORMAN STREET, Professor of Mining Engineering, beginning February 1, 1962, at an annual salary of \$10,300 (A).
10. DONALD P. TAYLOR, Assistant Professor of Nematology, Department of Plant Pathology, beginning October 16, 1961, at an annual salary of \$8,500 (BY).
11. JOEL TRAPIDO, Visiting Professor of Speech and Theatre, for the second semester of 1961-62, at a salary of \$5,500 (E).

On motion of Mr. Hughes, these appointments were confirmed.

EMPLOYMENT OF ARCHITECTS AND ENGINEERS

(4) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of contracts with architectural and engineering firms on the following work and on the terms indicated:

Projects at the Chicago Professional Colleges

<i>Project</i>	<i>Construction Cost Estimate</i>	<i>Firm</i>	<i>Fee</i>
Remodeling Hospitals	\$ 800 000	Fugard, Burt, Wilkinson, and Orth, Chicago	Architects' cost plus 100 per cent
Drug and Horticultural Experiment Station	185 000	Perkins and Norris, Glen Ellyn	Six per cent of construction cost
Electrical Distribution System	650 000	Pioneer Service and Engineering Company, Chicago	Architects' cost plus 75 per cent
Emergency Electrical System	250 000	Sargent and Lundy, Chicago	Architects' cost plus 110 per cent
Fume Hoods	400 000	Stanley Howell Associates, Chicago	Architects' cost plus 115 per cent
Remodeling Dentistry- Medicine-Pharmacy Building	279 000	Shaw, Metz, and Associates, Chicago Richardson, Severns, Scheeler, and Associates, Champaign	Architects' cost plus 150 per cent

Projects at Urbana-Champaign

<i>Project</i>	<i>Construction Cost Estimate</i>	<i>Firm</i>	<i>Fee</i>
Utility Distribution System Extension	\$1 818 300	Sargent and Lundy, Chicago	Standard Sargent and Lundy fees previously authorized
Street Improvements	711 000	Clark, Daily, and Dietz, Urbana	Minimum fees of Illinois Society of Professional Engineers

Funds are available in the Universities Building Fund, subject to release by the Governor. The Committee on Buildings and Grounds has previously considered these recommendations and supports them.

I concur.

On motion of Mr. Pogue, these contracts were authorized, as recommended.

FEDERAL GRANT AND MATCHING FUNDS FOR ZOOLOGY RESEARCH LABORATORY

(5) The National Science Foundation has made a grant of \$9,300 to the University for "Remodeling a Laboratory for Research in Zoology," on condition that this grant will be matched by the University from nonfederal sources to the extent of at least 50 per cent of the direct costs of the project.

The Executive Vice-President and Provost and the Vice-President and Comptroller recommend that this grant be accepted and that an assignment of \$9,300 for the required matching funds be made from the state capital appropriations in the Universities Building Fund for enlargement and rehabilitation of existing buildings.

I concur.

On motion of Mrs. Watkins, this grant was accepted, and the recommended assignment of funds was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

REMODELING IN ILLINI UNION BOOKSTORE

(6) The Vice-President and Comptroller and the Director of the Physical Plant recommend that remodeling and improvements, estimated to cost \$45,000, be made in the Illini Union Bookstore in the Arcade Building on Wright Street, Champaign, financed by assignments of funds from the following sources:

Bookstore Equipment Replacement Account.....	\$ 16 000
Bookstore Income	5 000
ArCADE Building Operations (derived from rental payments by the Bookstore to the University).....	24 000

The work will include enclosing the balcony on the second floor of the Arcade Building; converting the stock space and the sales area to a self-service operation; removal of existing partitions and installation of new ones; floor covering; change in stairs to second floor; painting; installation of new ceiling lights and other wiring improvements; and installation of two new cash registers.

I concur and recommend assignments of funds as indicated.

On motion of Mr. Johnston, this remodeling program was approved, and the requested assignments of funds were authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

CONTRACT FOR ADDITION TO ABBOTT POWER PLANT

(7) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$792,482 to the Babcock and Wilcox Company, Chicago, the only bidder, for Division "9-A" for the addition to the Abbott Power Plant (Boiler No. 7).

Steam generating unit with auxiliaries.....	\$768 024
Boiler feed pump.....	24 458
Total.....	\$792 482

Funds are available in the state appropriations from the Universities Building Fund and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Department on this project, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

ADDITIONS TO CONTRACTS FOR CONSTRUCTION OF ADDITION TO ILLINI UNION BUILDING

(8) The Director of the Physical Plant and the Vice-President and Comptroller recommend the following increases in the contracts for the construction of the Illini Union addition:

1. For installation of a closed circuit television system..... \$11 500 00
2. Increase in central water chiller system from 1½ to 5 horsepower size to supply chilled drinking water to three stations in serving kitchen; also increase in size of supply pipe..... 2 893 85

I concur and recommend that the Comptroller of the Board be authorized to execute these changes in the contracts.

On motion of Mrs. Watkins, the Comptroller was authorized to execute these changes in the contracts, as recommended.

EASEMENT TO ILLINOIS POWER COMPANY

(9) The Illinois Power Company has requested an easement beginning at a point approximately at the Illinois Central right-of-way and St. Mary's Road, east to Fourth Street extended, thence north to White Street in Champaign, for a fourteen-inch natural gas supply line. The easement requested is to be ten feet wide (i.e., five feet on either side of the proposed line), and the Company is willing to pay approximately \$1.00 per rod for such easement. The route of the pipeline will be entirely within present or proposed rights-of-way of roads and streets. Parts of this easement will be on University property, i.e., beginning at the Illinois Central right-of-way to the intersection of Fourth Street and Armory Avenue.

The University will benefit from the improved gas supply and there appears no reason why these requests should not be granted. The Committee on Buildings and Grounds has been consulted about this and concurs.

I recommend approval and that the Comptroller and the Secretary of the Board be authorized to execute an easement grant for construction, maintenance, and operation of the pipeline on the route indicated and under terms and conditions and in a form approved by the Legal Counsel, including a provision for its termination when it is no longer serving the purpose for which it is granted.

On motion of Mr. Clement, this easement was granted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

PURCHASES

Purchases Authorized

(10) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase in each case was recommended on the basis of the lowest acceptable bid.

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Furnish and install white aluminum lap siding and V-groove paneling on three farm houses on Wright Endowment Farms in DeKalb County	Agricultural Economics	Iceal Hambleton Construction, Wenona	\$ 4 925 00 f.o.b. delivered and installed
One electrophoresis-diffusion instrument with optical system, automatic programming, and three-cell independent and simultaneous operation	Food Technology	Spinco Division, Beckman Instruments, Inc., Palo Alto, Calif.	19 286 00 f.o.b. delivered
One analytical ultracentrifuge complete with optical system, refrigeration and vacuum system, and two rotors	Food Technology	Spinco Division, Beckman Instruments, Inc., Palo Alto, Calif.	23 923 00 f.o.b. delivered
508 pairs of black, low quarter, dress shoes, Air Force issue	Military	Air Force Clothing Sales Store, Rantoul	3 048 00 f.o.b. Rantoul

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One lot laboratory equipment	International Cooperation Administration Contracts	E. H. Sargent & Co., Chicago	\$ 3 723 09 f.a.s. New York, N.Y.

On motion of Mr. Dilliard, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
100,000 acetazolamide tablets, 250 mg. (this represents a six-month supply)	Pharmacy	Lederle Laboratories, Chicago	\$ 4 962 20 delivered
20,000 tetracycline V capsules, 250 mg. (this represents a three-month supply)	Pharmacy	The Upjohn Co., Chicago	3 296 00 delivered
One sublimator for automatic freeze drying	Physiology	Scientific Products Division, American Hospital Supply Corp., Evanston	6 500 00 delivered
One direct writing oscillograph with two active channels and wired for eight channels	Psychiatry	Offner Electronics, Inc., c/o Pivan Engineering Co., Chicago	3 475 00 delivered
150 cases disposable obstetrical packs consisting of six towels, one sheet, and one outside wrapper to be delivered as requested (this represents an eight-month supply)	General Stores	American Hospital Supply Corp., Evanston	5 062 50 delivered

Urbana-Champaign Departments

45 specially designed cabinets for classroom use as well as palette storage	Art	Brewer's Woodworking Shop, Urbana	3 429 00 f.o.b. delivered
One spectrophotometer double beam visible and ultraviolet ranges	Chemistry and Chemical Engineering	Schaar & Co., Chicago	2 660 00 f.o.b. delivered
One variable range logarithmic recorder for use with the spectrophotometer	Chemistry and Chemical Engineering	W. H. Kessel & Co., Chicago	4 980 00 f.o.b. delivered
One spectrophotometer, direct reading, range 200 to 2500 mu, optical bench mounted light source, multi-cell capacity, 115 volt 60 cycle operation	Chemistry and Chemical Engineering	Schaar & Co., Chicago	2 850 00 f.o.b. delivered
12 colorimeter spectrophotometers and 12 transformers of constant voltage, less trade-in allowance on 11 photo-volt lumetrons	Chemistry and Chemical Engineering	Speedring Corp., Warren, Mich.	4 325 00 f.o.b. delivered
Five sets electrodes, OFHC copper electric vacuum gyro, custom made for Coordinated Science Laboratory	Coordinated Science Laboratory	Strand Labs, Inc., Newton, Mass.	3 600 00 f.o.b. delivered
One ultra-stable microwave oscillator, frequency 8500 to 9600 mc/s, 500 milliwatts power output, short-term frequency stability one part in 10 ⁸ and long-term frequency stability one part in 10 ⁶	Physics	Spinco Division, Beckman Instruments, Inc., Palo Alto, Calif.	7 868 80 f.o.b. delivered
One ultracentrifuge and two rotors with assorted tubes	Physiology	LKB Instruments, Inc., Washington, D.C.	4 395 00 f.o.b. delivered
One ultramicrotome with linear thermal feed, electronically controlled, variable cutting speeds, and optical attachments	Zoology	W. H. Kessel & Co., Chicago	2 784 00 f.o.b. delivered
One automatic photographic camera, paired eyepieces, freezing attachment, and focusing magnifier	Zoology	Herb Wise Service, Champaign	5 125 00 f.o.b. delivered and installed
25 commercial automatic washing machines, coin-operated, to be furnished and installed in the Urbana-Champaign campus as required during the period November 1, 1961, to June 30, 1962	Housing Division		

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
1,000 reams of book paper, English finish, white 25 in. x 38 in. 50 lb., deliveries to be made November 1, 1961, and February 15, 1962 (approximately a six-month supply)	Office Supply Store	Moser Paper Co., Chicago	\$ 7 925 00 f.o.b. delivered
Furnish labor and material to replace present piston and packing head on hydraulic freight elevator at Bevier Hall with new improved type piston and packing head	Physical Plant	Fairhall Elevator & Machine Co., Danville	2 840 00 f.o.b. delivered and installed
One fire truck, triple combination 1000 GPM pumper, complete snow tread tires, rear hose discharge part, second booster hose reel and hose, booster tank increased to 500 gallons, and cover for hose bed	Physical Plant	The Seagrave Corp., Columbus, Ohio	23 305 00 f.o.b. delivered
One airplane, single engine, with dual control, dual brakes, navigation and landing lights with navigation light flasher, stall warning indicator, control lock, oil filter, full instrumentation and communications equipment, painted white with orange and blue trim, less trade-in allowance for one Cessna 140A airplane with 5,600 hours total flight time	Institute of Aviation	Walston Aviation, Inc., East Alton	6 279 00 f.o.b. delivered
One 1962 truck, six cylinders, 16000# GVW, with 14-ft. van body and hydraulic lift tail gate	Housing Division	El Bauer Chevrolet Co., Decatur	5 335 00 f.o.b. delivered

On motion of Mr. Dilliard, these purchases were authorized.

STATE LEGISLATION AFFECTING THE UNIVERSITY OF ILLINOIS, 1961

(11) There is presented for the information of the Board a list of the Acts of the Seventy-second General Assembly of Illinois in its regular session of 1961 directly affecting the University, including the appropriations to the University, and a copy is hereby given to the Secretary of the Board for record.

On motion of Mr. Dilliard, this report was received for record. The Board also recorded its appreciation of the services of the University officers involved in official relations with the General Assembly with respect to the several items of University legislation.

COMPTROLLER'S REPORT OF CONTRACTS

(12) The Comptroller's report of contracts executed during the period September 1 to 30, 1961.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Society of Heating, Refrigerating, and Air Conditioning Engineers	Steam and condensate flow in pipes	\$ 7 000 00	September 18, 1961
Armour Pharmaceutical Co.	Effect of certain medications on the individual as to reaction time, steadiness, and visual acuity	1 500 00	September 12, 1961
United States Air Force AF 01 (611) 1055	Flight instruction for seventeen students	8 240 24	August 31, 1961
United States Atomic Energy Commission AT (11-1) 1076	Diffusionless phase changes in non-ferrous metals and alloys	98 695 00	August 1, 1961
United States Atomic Energy Commission AT (11-1) 1079	Effects of intragastric irradiation with beta rays from ruthenium 106—rhodium 106 on malignant tumors	9 000 00	August 1, 1961
<i>Total</i>		<u>\$124 435 24</u>	
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Chicago Park District	Use of Gately Stadium September 29 and November 4, 1961	\$ 200 00	July 3, 1961
<i>Total</i>		<u>\$ 200 00</u>	

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Twin City Bible Church (new)	Property at 1101 West Springfield Avenue, Urbana, from July 1 through December 31, 1961	\$ 360 00 (\$60.00 per month)	July 1, 1961
Total		\$ 360 00	
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
John Deere Co.	Rental of farm machinery, twenty items: \$3.74 to \$579.15	\$ 3 056 26	June and July, 1961
Eversman Manufacturing Co.	Lease of one scraper, one set trenching bits, one leveler, one spring tooth attachment, one ditcher	228 60	August 28, 1961
Hahn, Inc.	Lease of one hi-boy, one pump kit, one boom kit, one hand gun, 34 nozzles	780 90	June 27, 1961
International Harvester Co.	Rental of farm machinery, twenty-eight items: \$19.70 to \$1,281.86	10 272 39	July, August, and September, 1961
Marie Kuhlman (renewal)	Garage rental for University car assigned to the Executive Dean of the Chicago Undergraduate Division from July 1, 1961, to June 30, 1962	360 00 (\$30.00 per month)	July 1, 1961
Massey-Ferguson, Inc.	Rental of farm machinery, three items: \$35.70 to \$798.34	885 59	July, 1961
Mary H. Showalter (new)	Property at 706 South Lincoln Avenue, Urbana, from September 1, 1961, through June 30, 1963	3 300 00 (\$150.00 per month)	September 20, 1961
Total		\$ 18 883 74	

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Allied Chemical Corp.	Ruminant nutrition with particular regard to energy and nitrogen utilization	\$ 3 000 00	August 30, 1961
Griffin Wheel Co.	Properties of refractories as related to service in a steel pressure casting process	30 000 00	September 14, 1961
Princeton University, under prime contract with United States Navy Nonr 1858(25)	Statistical properties of two-phase flow	27 163 00	August 7, 1961
State of Illinois Department of Public Welfare Project No. 1747	Relation of neural metabolism to function	2 300 00	June 5, 1961
State of Illinois Division of Highways Project No. IHR-2	Highway problems	2 000 00	June 7, 1961
United States Air Force AF 19 (604) 3481	Electromagnetic wave interaction techniques	14 666 67	July 18, 1961
United States Air Force AF 19 (604) 5565	Processes in the ionosphere by means of gyro interaction experiments carried out with rockets	9 951 78	August 7, 1961
United States Air Force AF 33 (616) 5446	Films of surface active substances on a metal surface	5 189 55	July 27, 1961
United States Air Force AF 41 (657) 332	Quantitative determinations of gaseous tissue nitrogen in animals exposed to various simulated altitudes	1 900 00	June 1, 1961
United States Air Force AF 49 (638) 466	Study of metal alkyls	10 880 00	July 21, 1961
United States Army DA 11-177-AV582	Pilot training (R.O.T.C.)	3 004 50	August 9, 1961
United States Army DA 18-108-405-CML517	Evaluate the behavior of gases and liquids in porous solid media	3 000 00	August 16, 1961
United States Army DA 49-193-NC-2060	Interpersonal and psychological adjustment of group members	746 36	July 27, 1961
United States of America Bureau of Public Roads CPR 11-7768	Fatigue of welded beams and girders in structural and low alloy steels	15 000 00	July 1, 1961
Total		\$128 801 86	

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Forest Service U.S.D.A.	Cooperative collection of data on raindrop size at the Coweeta Hydrologic Laboratory	\$ 2 500 00	July 18, 1961
<i>Total</i>		<u>\$ 2 500 00</u>	

Adjustments Made in 1961-62 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Seventeen items: \$329.18 deduct to \$4,610.00	\$ 7 029 81	August and September, 1961
<i>Total</i>		<u>\$ 7 029 81</u>	

This report was received for record.

NAMING OF UNIVERSITY OF ILLINOIS AIRPORT

(13) A Committee which has been raising money for a "Lectureship and Student Grant Fund" in memory of the late Dr. Arthur Cutts Willard, engineer, teacher, scientist, administrator, and President of the University of Illinois from 1934 to 1946, has recommended that the University of Illinois Airport be named for him. President Willard took the administrative initiative in the establishment of the Airport and also the Institute of Aeronautics, now the Institute of Aviation. A number of the members of the faculty and alumni have supported this request.

After consultation with the Executive Committee of the University Council, this recommendation was submitted with my concurrence to the Committee on Buildings and Grounds of the Board of Trustees. The Committee is prepared to support the recommendation.

Accordingly, I recommend that the Airport be named: University of Illinois — Willard Airport.

This name is consistent with the requirements of the Federal Aviation Agency in the naming of airports which have been constructed in total or in part with the aid of federal funds. A fitting bronze marker will also be installed in the Terminal Building dedicating the functions of the Airport as "The Arthur Cutts Willard Memorial Air Field."

On motion of Mr. Swain, this recommendation was approved.

MATERIALS SCIENCE LABORATORY AT THE UNIVERSITY OF ILLINOIS

(14) At the request of the President of the University, the Vice-President and Comptroller presented the following report:

A Materials Science Laboratory at the University of Illinois has been under consideration for some time. There is need for improvement of materials used in the national space and weapons programs, and consequently the Department of Defense and the Atomic Energy Commission are interested in the establishment of several laboratories throughout the United States for research in the field. The science of materials is basic for large areas of engineering technology. Progress in the electrical, chemical, metallurgical, and ceramic industries is dependent to a great degree upon the basic research that leads to improvement in the materials essential to these industries. Research on materials in the University can be combined with the systematic education of graduate students to carry on the advancement and dissemination of knowledge in this field.

The University of Illinois is one of the principal academic centers in the United States devoted to research and education in the science of materials. A feature of the proposed new program will be its interdisciplinary nature, drawing initially from five departments: Ceramics, Chemistry and Chemical Engineering, Electrical Engineering, Metallurgical Engineering, and Physics. The University has distinguished faculties in these departments and the proposed laboratory will enable them to collaborate in work on problems in a manner that is not feasible at present.

The additional space provided by this facility will permit an approximate doubling of research on the basic properties of materials at the University, and of the numbers of scientists which it can train through graduate education in this field. The results of the research and the men trained to carry on research will be available to the industrial and government laboratories of Illinois and of the nation, thus advancing industrial progress and promoting national welfare.

A Materials Science Laboratory at the University of Illinois was authorized by Congress in 1960, but appropriations were not made. A bill appropriating \$5,600,000, the estimated cost for the construction and equipment of the laboratory, was introduced in the recent session of Congress, and it was anticipated that the bill would pass, since the Congressional Joint Committee on Atomic Energy had strongly endorsed it. However, the bill failed on September 25, 1961, presumably because some members of the Congressional Committee were of the opinion that the construction of such facilities should be financed through annual rental payments to the University instead of by appropriations.

It is anticipated that plans and contracts can be developed within the next twelve months with federal agencies for the proposed laboratory and its programs. Negotiations are underway to determine the feasibility of financing the building through borrowing and repayment over a period of time.

On motion of Mr. Swain, this report was received for record, and was referred to the Committee on Buildings and Grounds for consideration of ways and means of financing the construction of a Materials Science Laboratory. The Board also recorded its appreciation of the work of Congressman Melvin Price and others who have been involved in the efforts to secure federal legislation authorizing a Materials Science Laboratory at the University of Illinois.

REPORT ON DEVELOPMENTS IN MEDICAL CENTER DISTRICT

(15) Vice-President Joseph S. Begando of the Chicago Professional Colleges reported on recent developments in the Medical Center District, the present status of the University's land acquisition program in the District, and relations with the Medical Center Commission.

Members of the Commission had been invited to the meeting and were guests of the Board at luncheon later in the day. Dr. Walter H. Theobald, President, and Mr. Thomas J. Downs, Treasurer of the Commission, and Mr. George McLester, Executive Director of the Medical Center Commission, were present.

At this point, Mr. Harewood joined the meeting.

MEETING OF ASSOCIATION OF GOVERNING BOARDS

(16) Mrs. Frances B. Watkins reported on two meetings she attended as an official delegate of the Board of Trustees of the University of Illinois: the 1961 Annual Meeting of the Association of Governing Boards of State Universities and Allied Institutions held at the University of Nebraska, October 10-14; and a Midwest Regional Conference held at Michigan State University sponsored by the Association's Committee on Regent Responsibility for University Participation in Education Abroad. Professor H. W. Hannah of the Colleges of Agriculture and Veterinary Medicine also attended this meeting as a representative of the President's Office.

Mrs. Watkins stated that the Association has accepted an invitation which she tendered to hold its annual meeting in 1964 at the University of Illinois.

REQUEST OF MR. RAYMOND TIMPONE

(17) Mr. Raymond Timpone of Urbana and Champaign requested, and was granted, an opportunity to present a statement to the Board. He was accompanied by Mr. Robert Regal, a student at the University, who also made a statement.

Mr. Timpone requested the Board to discontinue the proceedings in eminent domain it has instituted to acquire the property of the Cosmopolitan Club at 605 East Daniel Street, Champaign, which he has purchased, and to cease its efforts to acquire the same on the grounds that he needs this property for the expansion of his business in the area which adjoins it.

Mr. Regal stated that he was circulating petitions among students in support of Mr. Timpone's request and that these would be delivered to the Board of Trustees at its November meeting.

President Williamson stated that this request would be referred to the appropriate Committee of the Board.

On motion of Mr. Swain, this matter was referred to the Committee on Buildings and Grounds, with power to act.

RECESS AND EXECUTIVE SESSION

On motion of Mrs. Watkins, an Executive Session was requested, and was so ordered by the President of the Board, to be held after luncheon recess, for consideration of recommendations relating to property acquisition and personnel matters.

On motion of Mr. Swain, the Board recessed.

Following recess, the Board convened in Executive Session for consideration of the following matters of business. The same members of the Board of Trustees, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes. Mr. Harewood, who was absent at the beginning of the meeting, was present at the Executive Session.

ACQUISITION OF PROPERTY

(1) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 1013 South Oak Street (at the northwest corner of Armory Avenue and Oak Street), Champaign, at a price of \$8,000.

The property is a vacant corner lot, 73.5 feet by 100 feet. Ultimately the land, which adjoins University property, will be part of the site for expansion of the Abbott Power Plant facilities and for construction of buildings which require a railroad siding. With the acquisition of this corner lot, the University will own all of the property on both sides of Armory Avenue from Oak Street west to the Illinois Central right-of-way so that it can consolidate its holdings and make it possible to secure the vacation of this strip of Armory Avenue.

The price is within appraisals; possession will be delivered not later than January 31, 1962; and taxes will be prorated.

Funds are available in the state appropriations from the Universities Building Fund, and have been released by the Governor.

The Committee on Buildings and Grounds has previously considered this property acquisition and recommends approval.

I concur.

On motion of Mr. Johnston, the purchase of this property was authorized, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner; Mr. Dilliard was not in the room when the vote was taken and is not recorded.

ACQUISITION OF PROPERTIES

(2) At the request of the Board of Trustees, the University of Illinois Foundation has acquired a number of properties which the University needs, but for which funds were not available at the time the properties were on the market or were needed. The acquisition of these properties was financed by loans made by the First National Bank of Chicago to the Foundation. The properties have been leased to the University and it has the option to purchase them from the Foundation.

The University now has state appropriations in the Universities Building Fund for land acquisitions and the Governor has authorized the release of the funds when the money is available from the proceeds of sale of bonds. The Vice-President and Comptroller recommends that the following properties be purchased by the University when the money is available:

Property at 805 West Pennsylvania Avenue, Urbana.....	\$ 85 000
Land for the Airport West of Savoy — Troutman Tract.....	135 000
Farm Land for Agricultural Experiment Station — Pell Tract.....	113 000
Farm Land for College of Agriculture —	
Maxwell Farm South of Champaign.....	131 000

A. R. Temple Farm in Champaign County.....	\$ 152 000
Klassen Farm in Champaign County (known as the O'Neill Tract)...	307 000
Newton Farm Land Adjoining the South Campus.....	140 000
H. E. Moore Property at Armory Avenue and the Illinois Central Railroad.....	70 000
Property at Northeast Corner of Goodwin Avenue and Main Street, Urbana—Purity Baking Company Property.....	30 000
Twin City Bible Church Properties at 1101 and 1302 West Springfield Avenue, Urbana.....	55 000
Property at 907 South Sixth Street, Champaign.....	45 000
Property at 901 West Green Street, Urbana.....	21 000
<i>Total</i>	\$1 284 000

I concur and recommend that the Comptroller and Secretary of the Board be authorized to execute the necessary documents to accomplish the transfers of title.

On motion of Mr. Swain, these purchases were authorized, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner; Mr. Dilliard was not in the room when the vote was taken and is not recorded.

TERMINATION OF APPOINTMENT OF LUCIANO C. RAYMUNDO

(3) The College of Medicine has recommended that the contract of appointment of Dr. Luciano C. Raymundo, as Research Assistant in Medicine for one year from July 1, 1961, be terminated for cause on the basis of specific charges made by the Acting Head of the Department of Medicine, the Hematologist on the staff of the Department, the Medical Director of the Research and Educational Hospitals, the Dean of the College, and concurred in by the Vice-President in charge of the Chicago Professional Colleges.

Dr. Raymundo, a physician with a temporary Illinois license to practice medicine in this state, was appointed Research Assistant in Medicine for one year from July 1, 1961, with research and patient care assignments in hematology in the Research and Educational Hospitals. He was relieved of his duties on September 18, 1961.

In accordance with the recommendation received, and pursuant to Section 38 of the University of Illinois Statutes, written charges were preferred and filed against Dr. Raymundo by the President of the University for conduct believed to be clearly and seriously prejudicial to the best interests of the University. These charges were filed with the Secretary of the Board of Trustees on September 29 and were served on Dr. Raymundo in person on October 2, at which time he was also notified that he was being suspended by the President of the University pending final decision of the Board of Trustees upon the charges referred to above. He was likewise notified of the provisions in the University of Illinois Statutes with respect to procedure to be followed if he wished to request a hearing before the Board of Trustees or before the Committee on Academic Freedom of the Chicago Professional Colleges Senate.

He has requested no hearing, and the time for filing such request having expired, I recommend that Dr. Raymundo be removed and discharged for cause, and that his contract of appointment as Research Assistant in Medicine be terminated effective today on the basis of charges heretofore submitted and filed with the Secretary of the Board.

On motion of Mr. Swain, this recommendation was approved; Mr. Dilliard voted "no"; Mr. Harewood did not vote and asked to be so recorded; all of the other Trustees voted "aye."

DEGREES CONFERRED IN OCTOBER

The Secretary presented for record the following list of degrees conferred at Urbana as of October 16, 1961, on recommendation of the Urbana-Champaign Senate.

Summary

Degrees in the Graduate College:

Doctor of Philosophy.....	136
Doctor of Education.....	7
Master of Arts.....	20
Master of Science.....	54
Master of Education.....	4
<i>Total, Graduate College.....</i>	<i>(221)</i>

Baccalaureate Degrees:

Bachelor of Science, College of Agriculture.....	1
Bachelor of Science, College of Engineering.....	12
Bachelor of Arts, College of Liberal Arts and Sciences.....	13
Bachelor of Science, College of Liberal Arts and Sciences.....	12
Bachelor of Science, College of Education.....	8
Bachelor of Science, College of Commerce and Business Administration..	8
Bachelor of Science, College of Journalism and Communications.....	1
Bachelor of Architecture, College of Fine and Applied Arts.....	2
Bachelor of Fine Arts, College of Fine and Applied Arts.....	2
Bachelor of Science, College of Physical Education.....	2
<i>Total, Baccalaureate Degrees.....</i>	<i>(61)</i>
<i>Total, Degrees Conferred.....</i>	<i>282</i>

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

THOMAS HOWARD WILLIAMS, B.B.A., University of Cincinnati, 1958; M.S., 1959

In Agricultural Economics

YAO-HUANG CHUANG, B.S., National Taiwan University, 1955; M.S., 1957

GEORGE DAVID IRWIN, B.S., 1957; M.S., Iowa State University, 1959

MAX FREDERICK JORDAN, B.S., Ed.M., University of Missouri, 1951, 1958

TIAN-TORNG TSUI, A.B., National Chengchi University, 1949; M.S., 1955

In Agronomy

SAMUEL GRANT CARMER, B.S., Cornell University, 1954; M.S., 1958

HARRY FRANCIS FLETCHER, B.S.A., M.S.A., University of British Columbia, 1949, 1951

BEVERLY DREISOW FOOTE, B.S., Washington State University, 1958

CHARLES EDWARD FULCHER, B.S., Virginia Polytechnic Institute, 1953; M.S., 1955

DONALD STUART GALITZ, A.B., Monmouth College, 1956; M.S., 1960

MUHAMMAD AMJAD HASSAN, B.S., M.S., University of Panjab, 1949, 1954

NARENDER KUMAR JAIN, B.S., M.S., Benares Hindu University, 1954, 1956

PAUL RICHARD JOHNSON, B.S., Iowa State University, 1955; M.S., 1957

SCOTT MAXFIELD SAVAGE, B.S., Brigham Young University, 1956; M.S., 1958

In Animal Nutrition

QUINCY EDWARD CRIDER, B.S., University of Missouri, 1957

RYLAND EDWIN WEBB, B.S., 1954

In Animal Science

WILLIS FRANK NICKELSON, B.S., M.S., Oklahoma State University, 1953, 1957

GLEN CHARLES SANDERSON, B.S., A.M., University of Missouri, 1947, 1949

In Botany

ASOK KUMAR KAR, B.S., M.S., University of Calcutta, 1943, 1945

In Business

HENRY SUIHUN ANG, B.S., M.B.A., University of California (Berkeley), 1956, 1957

YUSAKU FURUHASHI, B.Com.Sci., Seattle University, 1956; M.B.A., University of Washington, 1958

RALPH EDWARD MASON, B.Ed., Illinois State Normal University, 1940; A.M., Northwestern University, 1948

In Ceramic Engineering

RAYMOND GEORGE CAPEK, B.S., M.S., 1958, 1959

DAVID LAVERNE WILCOX, B.S., Alfred University, 1958; M.S., 1959

In Chemical Engineering

ALUF ORELL, B.S., Ingenieur, M.S., Israel Institute of Technology, 1953, 1954, 1956; M.S.E., University of Michigan, 1958

In Chemistry

CARL THOMAS BISHOP, A.B., Villa Madonna College, 1957

ROBERT MALCOLM BLY, A.B., Occidental College, 1957; M.S., 1960

ANGELO JOHN BOLLERO, A.B., Southern Illinois University, 1957; A.M., 1959

ALPHEUS NORMAN CAMPBELL, B.S., M.S., University of Tennessee, 1937, 1938

YU-LAN CHANG, B.S., Cheng Kuang University, 1956; M.S., 1958

GLENN MELVIN COOK, B.S., University of California (Berkeley), 1957

DAVID JAMES CURRAN, B.S., University of Massachusetts, 1953; M.S., Boston College, 1958

HARLOW HOOVER DARON, B.S., University of Oklahoma, 1956

JAMES ALDEN DEYRUP, A.B., Swarthmore College, 1957

DEAN WILSON DICKERHOOF, B.S., University of Akron, 1957; M.S., 1960

SERAFINO JOSEPH FUSCO, B.S., Brown University, 1954

WALTER WILSON GALE, B.S., Brown University, 1958; M.S., 1960

DAVID HAROLD GUSTAFSON, B.S., Purdue University, 1957

LEROY WILBUR HAYNES, A.B., Drew University, 1956

ROSS LATHAM, JR., B.S., Principia College, 1955; M.S., 1957

PIERRE J. MARTENEY, B.S., West Virginia Wesleyan College, 1953

ROBERT WILLIAM MILLER, B.S., Monmouth College, 1952; M.S., 1958

DAVID RAY RHODES, A.B., Friends University, 1957; M.S., 1959

BRUCE GEORGE SOMERS, B.S., M.S., University of Vermont, 1955, 1956

THOMAS VINCENT VAN AUKEN, A.B., Princeton University, 1957

In Civil Engineering

MELVIN ISRAEL ESRIG, B.B.A., College of the City of New York, 1951; B.C.E., Polytechnic Institute of Brooklyn, 1954; M.S., 1959

STEVEN JOSEPH FENVES, B.S., M.S., 1957, 1958

DAVID SHELDON HATCHER, B.S., University of Wyoming, 1953; M.S., 1960

NEIL MIDDLETON HAWKINS, B.Eng., University of Sydney, 1957; M.S., 1959

YVES HENRI LACROIX, C.E., École Nationale des Ponts et Chaussées, 1953

THOMAS KUAN-HSIEN LIU, B.S., M.S., 1955, 1956

ROBERT KENNETH MORSE, B.S., Rose Polytechnic Institute, 1950; M.S., Bradley University, 1954

JOSEPH PATRICK MURTHA, B.S., M.S., Carnegie Institute of Technology, 1953, 1955

LOUIS RICHARD SHAFFER, B.S., Carnegie Institute of Technology, 1950; M.S., 1957

CARYLL ROBBINS WHIPPLE, B.S., United States Naval Academy, 1950; B.C.E., Rensselaer Polytechnic Institute, 1953; M.S., 1957

In Classical Philology

MARK NAOUMIDES, Diploma, University of Athens, 1954

In Dairy Science

ERIC WALTER HAHN, B.S.A., M.S., University of Georgia, 1954, 1957

In Dairy Technology

MURTY BHIMASENA RAO, B.S., University of Mysore, 1937; M.S., University of Bombay, 1955

In Economics

BARNIE EPHRAM ABELLE, JR., B.S., A.M., 1951, 1953

HENRY JOHN CLAYCAMP, JR., A.B., Washburn Municipal University of Topeka, 1956; A.M., 1957

KARL BAKER MARX II, A.B., A.M., Michigan State University, 1956, 1957
 JORGE RUIZ LARA, B.S., M.S., 1954, 1960

In Education

STEPHEN MIROSKO HUNKA, B.Ed., Ed.M., University of Alberta, 1954, 1958
 DONALD OPPEWAL, A.B., Calvin College, 1950; A.M., University of Michigan, 1951
 NANCY CHONG WHITMAN, B.S., A.M., 1954, 1956

In Electrical Engineering

RAYMOND FREDERICK BEULIGMANN, B.S., M.S., 1957, 1958
 ROBERT LOUIS CARREL, B.S., Purdue University, 1955; M.S., 1957
 CONNOR FRANCIS HAUGH, B.S., University of Notre Dame, 1957; M.S., 1958
 FREDERICK JOHN KNAUSS, B.S., United States Military Academy, 1947; M.S., 1950
 CHAO-NING LIU, B.S., South Dakota School of Mines and Technology, 1956;
 M.S., 1957
 SYLVIAN RICHARD RAY, B.S., Southwestern Louisiana Institute, 1951; M.S., 1957

In English

PAUL MAURICE CLOGAN, A.B., A.M., Boston College, 1956, 1957
 STANLEY LAWRENCE ELKIN, A.B., A.M., 1952, 1953
 DAVID FRANCIS GLADISH, A.B., Lake Forest College, 1950; A.M., 1956
 WADE HENRY HALL, B.S., Troy State College (Alabama), 1953; A.M., University
 of Alabama, 1957
 WARD HELLSTROM, B.S., Northwestern University, 1952; A.M., 1956
 RICHARD SPALDING LEEVER, A.B., Illinois College, 1947; A.M., University of
 Texas, 1949; Ed.M., 1954
 JOHN PATRICK MASTERSON, A.B., St. Mary of the Lake Seminary, 1947; A.M.,
 De Paul University, 1952
 KEITH MICHAEL OFDAHL, A.B., Denison University, 1956; A.M., 1957
 WILLIAM TASKER WITHAM, A.B., Drew University, 1936; A.M., Columbia Uni-
 versity, 1940

In Food Technology

CAVIT AKIN, Diploma Ing., University of Ankara, 1954; M.S., 1959
 CHRISTOS JACOB ARGOUEDELIS, Diploma, University of Athens, 1956

In Geology

JAMES DUDLEY CARL, B.S., University of Missouri School of Mines and Metal-
 lurgy, 1957; M.S., 1960
 RICHARD ATWOOD GILMAN, A.B., Dartmouth College, 1957; M.S., 1959
 ROBERT LESLIE NIEMANN, B.S., University of Nebraska, 1957; M.S., 1959
 RICHARD RUDOLPH PARIZEK, A.B., University of Connecticut, 1956; M.S., 1960
 DON MURRAY TRIPLEHORN, A.B., Ohio Wesleyan University, 1956; A.M., Indiana
 University, 1957

In History

EDWARD MOORE BENNETT, A.B., Butler University, 1952; A.M., 1956
 ELWIN WILBER SIGMUND, B.S., Milwaukee State Teachers College, 1947; A.M.,
 1950
 RICHARD CARLISLE SMITH, JR., A.B., Austin College, 1951; B.D., Louisville
 Presbyterian Theological Seminary, 1954; A.M., University of Kentucky,
 1957
 PAUL JAMES STEWART, JR., A.B., 1950
 ALLEN MORTON WAKSTEIN, A.B., University of Massachusetts, 1956; A.M., 1958

In Library Science

ROY NELSON VAN NOTE, B.Ed., Eastern Illinois University, 1939; A.M., Univer-
 sity of Michigan, 1946; M.S., 1949

In Mathematics

RALPH ALGERNON DEMARR, B.S., University of Idaho, 1952; A.M., State College
 of Washington, 1954
 DAVID SCOTT GEIGER, B.S., M.S., 1954, 1956
 HWA SUK HAHN, B.S., Seoul National University, 1949; M.S., University of
 Oregon, 1957

GARY KRISTIAN LEAF, B.S., M.S., 1957, 1959

SISTER MADELEINE SOPHIE DRUFENBROCK, A.B., Alverno College, 1953; M.S., Marquette University, 1959

ALAN TROY, B.S., University of Chicago, 1953; M.S., 1956

In Mechanical Engineering

FLOYD GLENN MILLER, B.S., 1957

DONALD LEE MYKKANEN, B.S., University of California (Los Angeles), 1954; M.S., 1955

In Metallurgical Engineering

DEVENDRA GUPTA, B.S., University of Delhi, 1950; B.S (Met.Eng.), Benares Hindu University, 1954; M.S., New York University, 1957

In Microbiology

STELLA MARY ESRIG, A.B., Brooklyn College, 1955

In Philosophy

FRANCIS THOMAS FICARRA, A.B., A.M., 1950, 1951

DUANE HAPGOOD WHITTIER, A.B., University of New Hampshire, 1950; A.M., 1952

In Physics

HAROLD EUGENE HALL, A.B., Lake Forest College, 1952; M.S., 1954

JEROME LUTHER HARTKE, B.S., M.S., Kansas State University, 1955, 1956

ROGER STANLEY JONES, B.S., College of the City of New York, 1955; M.S., 1957

ALAN VIRGIL LARSON, B.S., Monmouth College, 1955; M.S., 1957

RICHARD LEO LINSTER, B.S., M.S., 1955, 1956

In Physiology

HUBERT LOWELL STONE, A.B., Rice Institute, 1958; M.S., 1959

GORDON LEE VAN HARN, A.B., Calvin College, 1957; M.S., 1959

In Plant Pathology

WILLIAM MINOR DOWLER, B.S., M.S., University of Missouri, 1954, 1958

ARCHIE J. LATHAM, B.S., Idaho State College, 1956; M.S., University of Idaho, 1959

BILLY GENE TWEEDY, B.S., Southern Illinois University, 1956; M.S., 1959

In Political Science

MARY SUSAN POWER, A.B., Wells College, 1957; A.M., Stanford University, 1960

HUNG CHAO TAI, A.B., National Taiwan University, 1954; A.M., 1958

In Psychology

SALLY BELL BECK, A.B., Butler University, 1953; A.M., 1956

MARJORIE MCCORMICK DACHOWSKI, A.B., A.M., 1954, 1956

MELVIN FRANK FUNK, A.B., Bethel College, 1946; B.D., Bethany Biblical Seminary, 1951

HENRY FRED GROMOLL, JR., B.S., 1953

JAN ROBERTS PIERCE, A.B., Stanford University, 1957

In Sociology

LAWRENCE KEITH MILLER, A.B., Reed College, 1957; A.M., 1959

RICHARD AUSTIN PETERSON, A.B., Oberlin College, 1955; A.M., 1958

In Speech

DENNIS GENE DAY, A.B., College of the Pacific, 1958; A.M., 1960

JERRY GRIFFITH, B.S., Eastern Illinois University, 1954; M.S., 1957

THOMAS GREGORY HAMBRICK, A.B., Concord College, 1949; A.M., Miami University, 1951

JOHN HERBERT SLOAN, A.B., Marietta College, 1954; A.M., University of Alabama, 1956

In Theoretical and Applied Mechanics

DONALD LYNN DEWHIRST, B.S., M.S., 1957, 1959

JOHN LEO GUBSER, B.S., Washington University, 1958; M.S., 1959

JERRY WILLIAM SCHWEIKER, B.S., M.S., 1953, 1957
 RAMESHCHANDRA NAVALSHANKER VAISHNAV, B.S., B.Eng., Gujarat University, 1953, 1955; M.S.E., University of Michigan, 1958

In Veterinary Medical Science

ROBERT LEE SCHRICKER, D.V.M., Iowa State University, 1952; M.S., 1958

In Zoology

LUIS DE LA TORRE, B.S., M.S., University of Michigan, 1950, 1953
 WILMA HELEN LEHMANN, A.B., Mundelein College, 1951; M.S., Northwestern University, 1954
 KAREL FREDERIK LIEM, Candidate, Doctorandus, University of Indonesia, 1957, 1958

Degree of Doctor of Education

In Education

CHARLES WILLIAM BRIM, B.S., M.S., 1947, 1954
 WILLIAM ARTHUR CARLSON, B.S., Ed.M., 1951, 1955
 ROLAND FREDERICK ESPENSCHIED, B.S., Ed.M., 1943, 1950
 JOSEPH FREDRIC LUETKEMEYER, Jr., B.S., M.S., Stout Institute, 1953, 1954
 SEFIK UYSAL, Graduate, Gazi Teacher's Training Institute (Turkey), 1955; M.S., Indiana University, 1958

In Music Education

RUTH ANN COLWELL, B.Mus.Ed., Oklahoma Baptist University, 1949; M.Mus., Indiana University, 1951
 ALBERT OREN GOULD, A.B., Carthage College, 1934; M.Mus., Northwestern University, 1944

Degree of Master of Arts

In Art History

JOANNE LOUISE WEAVER, A.B., 1958

In Economics

HOWARD MAX LEFTWICH, A.B., 1955
 RUSSELL ALLAN SNYDER, A.B., 1952

In Education

MARK LESTER BRAHAM, A.B., Goddard College, 1955; Diploma, University of London, 1957
 ROBERT HERMANN EWALT, B.S., Oregon State College, 1956
 JOHN BAYLEY MORDOCK, Jr., B.S., Springfield College, 1960

In English

ROBERT ALLAN CAMPBELL, A.B., Millikin University, 1960
 JOHN EDWARD DALY, A.B., LaSalle College, 1959

In History

ARTHER LEE FERRILL, A.B., Municipal University of Wichita, 1960
 JAMES ALLEN ZIMMERMAN, B.S., Illinois State Normal University, 1955

In Labor and Industrial Relations

HERBERT ARNOLD CHESLER, A.B., New York University, 1957
 PETER DAVID COUCH, A.B., 1953

In Philosophy

KATHLEEN O'BRIEN DOUBLEDAY, B.S., M.S., Northern Illinois University, 1955, 1956

In Psychology

CHARLES LAWRENCE KUTSCHER, A.B., Georgetown College, 1958
 SUSAN CAROLINE STOUT, B.S., Woman's College of the University of North Carolina, 1958
 CRAYTON CANN WALKER, A.B., Rice Institute, 1954

In Sociology

AARON MORRIS BINDMAN, A.B., 1960

In Speech

PRENTICE AVERY MEADOR, JR., A.B., David Lipscomb College, 1960
SYLVIA SCHULMAN ROSENFIELD, A.B., Cornell University, 1960

In the Teaching of English

CAROLYN JEAN FOY, B.S., 1956

Degree of Master of Science*In Accountancy*

JOHN WILLHOITE BARBER, A.B., Westminster College, 1959
DALE WAYNE HARRISON, B.B.A., University of Cincinnati, 1958

In Aeronautical Engineering

ROBERT JOSEPH PATRICK SHANAHAN, B.S., 1956

In Agricultural Economics

ADDIS ANTENEH, A.B., University College of Addis Ababa, 1959
HERMANUS STEFANUS HATTINGH, B.Sc., University of Pretoria, South Africa, 1956
THOMAS LEE LEGAN, B.S., Purdue University, 1957
JAMES ORA MELTON, B.S., 1960
RAYMOND NOLTE RENDLEMAN, B.S., 1949
MENGESHA WORKENEH, A.B., University College of Addis Ababa, 1959

In Agricultural Engineering

EUGENE FREMONT LEACH, B.S., 1960

In Agronomy

RAMESHWAR PRASAD AGRAWAL, B.S., Nagpur University, 1947; Diploma, Indian Agricultural Research Institute, 1949
DAVID THOMAS LARSON, B.S., 1956
PREM SHANKER SHRIVASTAVA, B.S., Nagpur University, 1947; Diploma, Indian Agricultural Research Institute, 1950
HAROLD RAYMOND SINCLAIR, JR., B.S., 1959
RAM DEWAN SINHA, B.S., Patna University, 1951

In Ceramic Engineering

JAMES MONROE BEARDEN, B.S., 1959

In Chemical Engineering

RICHARD JOHN AYEN, B.S., University of Wisconsin, 1960

In Chemistry

JAMES ARNOLD HOWELL, A.B., Southern Illinois University, 1959
CHARLES DEAN MITCHELL, A.B., Monmouth College, 1957
ROBERT EDWARD PEARSON, A.B., Carleton College, 1957

In City Planning

EDWARD LEASURE HOPKINS, B.F.A., 1953
DAVID ALEXANDER LAIRD, B.S., Pennsylvania State University, 1954

In Civil Engineering

JAMES NEAL ELLIS, B.S., United States Military Academy, 1956

In Dairy Science

CHRISTIAN RAPHAEL LE GAULT, Agr.Eng., School of National Agriculture (France), 1960
WILLIAM HENRY RUFENER, JR., B.S., Oregon State College, 1959

In Economics

ABDULLAH SADEK ARAFAT, B.Com., Alexandria University, 1960
RICHARD DURHAM MCCLINTIC, B.S., Northwestern University, 1946

In Education

SAYED AHMED OSMAN, A.B., Cairo University, 1952; Diploma, Ain Shams University, 1956
MOHAMED ISMAIL YOUSSEF, B.S., Diploma, Special Diploma, Ain Shams University, 1954, 1955, 1957

In Electrical Engineering

WILLIAM JOSEPH KOPEK, B.S., University of Kansas, 1960

In Finance

HARRY DONALD GORDON, B.S., 1957
TIMOTHY DANIEL GOVER, B.B.A., Southern Methodist University, 1960

In Food Technology

KANAKKUMAR HARILAL UDANI, B.S., Gujarat University, 1957; B.S.Tech., University of Bombay, 1959

In Geology

ROBERT FOLKE LUNDIN, A.B., Augustana College, 1958
DUANE MILTON MOORE, B.S., 1958

In Journalism

ROBERT MEDBURY ZEWADSKI, A.B., Ohio Wesleyan University, 1948

In Library Science

JOHN CLEMENT HARRISON, Diploma, University of Liverpool, 1940

In Marketing

PATRICK EUGENE DOHERTY, B.S., 1956

In Mechanical Engineering

JOHN THOMAS PURDY, B.S., United States Military Academy, 1954

In Metallurgical Engineering

JEAN-JACQUES GAUTIER, Diploma, École Nationale Supérieure des Mines, 1960
LEO CONRAD MICHELS, B.S., 1959
ROBERT REID WELLS, B.S., 1955

In Physical Education

YAN-SHU LIU, B.Ed., Taiwan Normal University, 1956
LEO FRANK OBRIECHT, B.S., 1960
MICHAEL LEE POLLOCK, B.S., University of Arizona, 1958

In Physics

CURTIS ARTHUR WAGNER, A.B., University of Wisconsin, 1960

In Physiology

JOHN FRANCIS BRUGGE, A.B., Luther College, 1959
RONALD DAVID LIEBERFARB, A.B., New York University, 1951

In Recreation

ROBERT THOMAS WILKIE, B.S., 1946

In Theoretical and Applied Mechanics

FRANK HAYES BRITTAIN, B.S., University of Colorado, 1960
DONALD EARLE CARLSON, B.S., 1960
EARL ARTHUR THORNTON, B.S., Virginia Polytechnic Institute, 1960

In Zoology

PATRICIA ROSE CULLEN, B.S., Mundelein College, 1959
COLLEEN HELGESON NELSON, A.B., University of Minnesota, 1955

Degree of Master of Education

JOAN ELIZABETH GREGORY, B.S., Illinois State Normal University, 1952

DUANE ELDON HOOD, B.S., Greenville College, 1956

HERBERT GARY McDOWELL, B.S., Eastern Illinois University, 1958

BARBARA SPENCER SMITH, B.S., 1958

COLLEGE OF AGRICULTURE**Degree of Bachelor of Science***In Home Economics Education*

NANCY JOHNSTON REYNOLDS

COLLEGE OF ENGINEERING**Degree of Bachelor of Science***In Agricultural Engineering*

JAMES LEE SMITH, Honors

In Civil Engineering

ANDRE MINASSIAN

DARIO WENCESLAO VELASQUEZ-JARAMILLO

TYRE WILLIAM REES

MANUEL XANTHAKIS

In Electrical Engineering

LEONARD EUGENE GONSEWSKI

EDWIN MAURICE WEISSLER

JAMES PETER TREZEK

In Engineering Mechanics

THOMAS EDWARD SMITH, JR., Highest Honors

In Engineering Physics

JACK LEE HALCOM, High Honors

In Mechanical Engineering

DAVID EDWIN McDOWELL

In Metallurgical Engineering

DALLAS HUDSON PASLEY

COLLEGE OF LIBERAL ARTS AND SCIENCES**Degree of Bachelor of Arts***In Liberal Arts and Sciences*

DARRYLE LOU ANNE D'ALESSANDRO

JAMES FERGUSON MILLER

HAROLD WALTER HARDING

DAVID THEODORE ONIXT

DAVID IAN HERBST

BARRY PAUL POLSKY

IRA WILLIAM HOFFMAN

PAULA HELENE RUBENSTEIN

ELEANOR LAUREYS JOHNSON

MARCIA RITA SHAPIRO

EUGENE JAMES MCGUIRE, Honors in

RICHARD TRICKOVICH

Liberal Arts and Sciences with
High Distinction in Philosophy*In the Teaching of English*

CAROL ANN PIERSON

Degree of Bachelor of Science*In Chemistry*

SUE FULLERTON EILERS, Honors in

CHARLES LAWRENCE MARKS

Liberal Arts and Sciences with
Distinction in the Curriculum

In Liberal Arts and Sciences

KAREN SORINNE ANDERSEN
DALE ALLAN BRELJE, Honors in Lib-
eral Arts and Sciences
CHARLES JOSEPH CHANTELL
LAUREN HARRIS
ALAN SCOTT LEVIN, Honors in Lib-
eral Arts and Sciences

ROBERT STEVENS LONG
JAMES SCOGGIN MAJORS, Honors in
Liberal Arts and Sciences
KENNETH MICHAEL SOLOVY
HOLLY HULBURT WILKES

In the Teaching of the Biological Sciences and General Science

JUNE WAGNER

COLLEGE OF EDUCATION**Degree of Bachelor of Science***In Education*

ANGELO PETER CASTEN

In the Education of Mentally Handicapped Children

JEANNE MARIE MULLANE

In Elementary Education

CLARA SWARTZ ALLEN
BONNIE BARON FINKLE
SONIA EAGLE GREER

ALFREDA SYLVIA HOFFMAN
REGINA DAILEY OLMSTED
LETITIA JEAN SPUNAR

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Degree of Bachelor of Science***In Accountancy*

JOAN TIEMEN DeVRIES
MARK LEE GLIDDEN

DAVID PETER SWEENEY

In Finance

ARTHUR MYRON BERMAN

In Management

STUART BRUCE GALLAND

In Marketing

CLIFFORD LOUIS JANOFF
JAMES BREEN KELLY

ROBERT JOSEPH NARDELLA

COLLEGE OF JOURNALISM AND COMMUNICATIONS**Degree of Bachelor of Science***In Communications*

DANIEL CHARLES NIEMEYER

COLLEGE OF FINE AND APPLIED ARTS**Degree of Bachelor of Architecture**

FRANK JOSEPH SCHERSCHEL

HOWARD VICTOR YARLING

Degree of Bachelor of Fine Arts*In Art Education*

SANDRA ROSALIE GRASSI

In Landscape Architecture

RONALD JASON LOVINGER

COLLEGE OF PHYSICAL EDUCATION**Degree of Bachelor of Science***In Physical Education*

LEON JAY RISCHALL

DAGNY FENSHOLT SORENSEN

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) cancellations, declinations, and resignations; (4) leaves of absence; (5) cancellations of leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

- ADES, HARLOW W., Consultant in Electrical Engineering (C), one year from September 1, 1961, \$3,000 (9-22-61).
- ALI, IQBAL, Research Associate in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,500 (9-22-61).
- ALLHANDS, JESSIE, Instructor in Mathematics, September 1, 1961-February 28, 1962, \$450 a month (9-28-61).
- ANDERSON, RACHEL E., Assistant Editor in the University Press, $\frac{1}{2}$ time, one year from September 1, 1961, \$3,125, supersedes (9-12-61).
- ARONSON, ALAN R., Instructor in Medicine (Medicine), ten months from September 1, 1961, \$7,200 a year (9-12-61).
- ASSIS MASRI, GEORGES, Research Associate in Ophthalmology (Medicine), eleven months from October 1, 1961, without salary (9-14-61).
- AUTH, LEO V., JR., Instructor in Electrical Engineering (C), academic year beginning September 1, 1961, \$6,800, supersedes (9-19-61).
- BAERWALD, JOHN E., Director of Highway Traffic Safety Center, and Professor of Traffic Engineering (Civil Engineering) (College of Engineering and Physical Plant), indefinite tenure from September 1, 1961, to render service during each academic year, \$10,000 a year, supersedes (9-25-61).
- BAILAR, FLORENCE, Instructor in Mathematics, September 1, 1961-February 28, 1962, \$450 a month (9-28-61).
- BAKER, JAMES L. L., Assistant and Research Assistant in Mechanical Engineering (C), nine months from September 16, 1961, \$5,000, supersedes (9-25-61).
- BAKER, ROBERT J., Clinical Instructor in Surgery (Medicine), $\frac{3}{10}$ time, one year from September 1, 1961, \$2,400 (9-14-61).
- BASS, ALAN R., Research Associate in Psychology, academic year beginning September 1, 1961, \$4,800 (9-28-61).
- BAUTZ, FRIEDLINDA, Research Assistant in Microbiology, August 14, 1961-August 31, 1962, \$4,900 a year (8-23-61).
- BEARDEN, JAMES M., Research Assistant in Ceramic Engineering (S), one month from September 1, 1961, \$475 (9-22-61).
- BENZEL, JAMES F., Research Associate in Ceramic Engineering (S), full time from September 1-15, 1961, \$6,200 a year; and $\frac{3}{4}$ time from September 16, 1961-August 31, 1962, \$4,650 a year, supersedes (9-22-61).
- BICKELHAUPT, ROY E., Research Associate in Ceramic Engineering (S), $\frac{3}{4}$ time, September 16, 1961-August 31, 1962, \$6,750 a year, supersedes (9-22-61).
- BLEVINS, WILLIAM B., Resident Manager, Single Graduate Halls, September 10, 1961-August 31, 1962, \$3,000 a year; for the convenience of the University he will also be furnished an apartment (10-3-61).
- BLOSTEIN, RHODA, Research Associate in Chemistry, one year from September 1, 1961, \$6,000, supersedes (9-28-61).
- BOBIS, JAMES P., Instructor in Electrical Engineering (C), $\frac{3}{4}$ time, academic year beginning September 1, 1961, \$3,750, supersedes (9-19-61).
- BODY, FAY A., Resident Assistant, Walnut Hall, ten months from September 1, 1961, \$1,600; for the convenience of the University she will also receive single room and meals while the dining rooms are in operation (9-22-61).
- BOGART, HERBERT, Instructor in English, academic year beginning September 1, 1961, \$6,000, supersedes (9-28-61).
- BROCCOLO, EUGENE A., Clinical Instructor in Surgery (Medicine), one year from September 1, 1961, without salary (9-11-61).
- BROTT, EUGENE E., Instructor in English (Division of Business English), academic year beginning September 1, 1961, \$5,100 (9-28-61).
- BROWN, RICHARD M., Research Assistant in Ceramic Engineering (S), one year from September 1, 1961, \$5,600, supersedes (9-11-61).

- BUCKLEY, DONALD W., Research Associate in Education (University High School), $\frac{3}{4}$ time, academic year beginning September 1, 1961, \$6,700 (9-27-61).
- BUTLER, JACKIE D., Assistant in Horticulture (S and E), one year from September 1, 1961, \$5,600 (9-11-61).
- CAIN, JOHN R., Instructor in General Engineering (C), academic year beginning September 1, 1961, \$6,000 (9-7-61).
- CARROLL, J. RAYMOND, Lecturer in Mechanical Engineering (C), $\frac{2}{3}$ time, academic year beginning September 1, 1961, \$7,200 (9-25-61).
- CHALMERS, MRS. RUTH V., Research Assistant in Electrical Engineering (S), one year from September 1, 1961, \$4,900 (9-14-61).
- CHAMBERLAIN, DONALD W., Assistant Professor of Botany, $\frac{3}{4}$ time, September 16, 1961-January 31, 1962, \$566.67 a month; this is in addition to his appointment as Assistant Professor of Plant Pathology (C), without salary (9-11-61).
- CHEDSEY, WILLIAM R., Professor of Mining Engineering (C), $\frac{3}{10}$ time, September 16, 1961-January 31, 1962, \$3,000 (9-15-61).
- CHOW, CECILIA YI, Research Assistant in the Coordinated Science Laboratory (C), one year from September 1, 1961, \$6,000 (9-11-61).
- CLAUSEN, EDWARD M., Research Assistant in Ceramic Engineering (S), nine months from September 16, 1961, \$4,000, supersedes (9-22-61).
- COHEN, MARY J., Bibliographer in Acquisition Department of the Library (Slavic Section), with rank of Instructor, one year from September 1, 1961, \$6,000 (9-28-61).
- COLON-BONET, CESAR H., Research Assistant in Medicine (Medicine), one year from July 1, 1961, without salary (9-28-61).
- CORNET, JOANN M., Research Assistant in Pediatrics (Medicine), one year from September 1, 1961, \$5,000 (10-4-61).
- CULBERTSON, DON S., Assistant Information Systems Specialist in the Library (Chicago Undergraduate Division), four months from September 1, 1961, \$2,334, supersedes (9-25-61).
- DALTON, YVONNE Y., Assistant in English for Foreign Students, nine months from September 16, 1961, \$4,000 (9-28-61).
- DE LA TORRE, LUIS, Instructor in Zoology (Pharmacognosy and Pharmacology) (Pharmacy), academic year beginning September 1, 1961, \$7,000 (9-22-61).
- DEWAN, EDMUND, Assistant in Education (University High School), nine months from September 16, 1961, \$4,300 (9-22-61).
- DIAMOND, DALE M., Research Assistant in the Coordinated Science Laboratory (C), one year from September 1, 1961, \$6,500, supersedes (9-19-61).
- DINGER, MRS. SHARON, Research Assistant in Physiology, one year from September 1, 1961, \$4,900 (9-28-61).
- DJORUP, FRANS M., JR., Research Associate in Mathematics, August 28-September 8, 1961, \$270; this is in addition to his present appointment (9-20-61).
- EBERWEIN, HORST, Research Associate in Chemistry, one month from September 1, 1961, \$525 (9-14-61).
- EDA, KEIICHI, Research Associate in Chemistry, September 16, 1961-June 30, 1962, \$6,000 a year, supersedes (9-11-61).
- FENVES, STEVEN J., Assistant Professor of Civil Engineering (C), two years from September 1, 1961, to render service during each academic year, \$8,200 a year, supersedes (10-3-61).
- FERBER, MRS. MARIANNE A., Lecturer in Economics, $\frac{1}{3}$ time, nine months from September 16, 1961, \$2,250 (10-3-61).
- FINGELD, CHARLES R., Research Assistant in the Coordinated Science Laboratory (C), one year from September 1, 1961, \$7,000 (9-22-61).
- FOGHT, MRS. MARTHA, Research Assistant in Zoology, one year from June 1, 1961, \$4,900, supersedes (9-14-61).
- FORD, CAROL A., Assistant in Nursing (Chicago Professional Colleges), September 15, 1961-August 31, 1962, \$5,500 a year (9-25-61).
- FREUND, ERIC C., Instructor in City Planning and Landscape Architecture and in the Bureau of Community Planning, $\frac{3}{5}$ time, nine months from September 1, 1961, \$3,000 (9-14-61).
- GABALLAH, SAEED, Assistant Professor of Biological Chemistry (Medicine), one year from September 1, 1961, without salary (9-22-61).

- GIACHETTO, MARJORIE R., Assistant in Chemistry, nine months from September 16, 1961, \$4,000 (9-20-61).
- GLENN, JOHN R., Instructor in Art, academic year beginning September 1, 1961, \$5,500 (9-9-61).
- GLUCKLICH, JOSEPH, Visiting Research Assistant Professor of Theoretical and Applied Mechanics (C), academic year beginning September 1, 1961, \$7,000, supersedes (9-11-61).
- GOETZ, HANSMERTEN, Research Associate in Chemistry, six months from September 1, 1961, \$5,850 a year, supersedes (9-11-61).
- GOLDSTEIN, ROBERT, Instructor in Psychology, $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,400 (9-28-61).
- GRANT, E. RHODA, Research Associate in Pathology (Medicine), $\frac{9}{10}$ time, one year from June 1, 1961, \$5,313 (9-28-61).
- GRAVES, CHARLES N., Research Associate in Dairy Science (C and S), one year from September 1, 1961, \$5,850, supersedes (9-19-61).
- GROSSMAN, MRS. SHEILA S., Registered Pharmacist in Hospital Pharmacy (Pharmacy), one year from September 1, 1961, \$7,000, supersedes (9-14-61).
- GUNTHER, RICHARD I., Instructor in Fixed Partial Prosthodontics (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1961, \$3,750 (9-12-61).
- HARLAN, HOMER C., Instructor in the Social Sciences (Chicago Undergraduate Division), $\frac{2}{3}$ time, academic year beginning September 1, 1961, \$3,600 (9-28-61).
- HARRISON, JOHN C., Instructor in Library Science, $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$4,000 (9-19-61).
- HASTINGS, J. WOODLAND, Research Associate Professor of Chemistry, $\frac{3}{5}$ time, indefinite tenure from September 1, 1961, to render service during each academic year, \$6,000 a year (9-19-61).
- HEINS, ROBERT W., Instructor in Mining and Petroleum Engineering (C), $\frac{22}{100}$ time, nine months from September 16, 1961, \$11,111 a month; this is in addition to his Engineering Faculty Development Teaching Fellow in Mining and Metallurgical Engineering (9-11-61).
- HEIZER, KENNETH W., Instructor in Electrical Engineering (C), $\frac{1}{4}$ time, academic year beginning September 1, 1961, \$1,575 (9-28-61).
- HERRICK, ROBERT L., Instructor in Sociology (College of Liberal Arts and Sciences and Provost's Office), academic year beginning September 1, 1961, \$6,000, supersedes (9-13-61).
- HERRING, TOD H., Instructor in Industrial Education, academic year beginning September 1, 1961, \$6,000 (9-14-61).
- HODGMAN, DONALD R., Professor of Economics, College of Commerce and Business Administration on $\frac{2}{3}$ time, and Graduate College on $\frac{1}{3}$ time, academic year beginning September 1, 1961, \$14,500; and in the College of Commerce and Business Administration on full time, indefinite tenure from September 1, 1962, to render service during each academic year, \$14,500 a year, supersedes (9-25-61).
- HOFFMAN, CATHERINE F., Assistant in Occupational Therapy (Medicine), one year from September 1, 1961, \$5,700 (9-22-61).
- HOTTINGER, WILLIAM L., Instructor in Physical Education for Men, academic year beginning September 1, 1961, \$6,100, supersedes (9-28-61).
- HOWARD, FRANCIS M., Clinical Assistant Professor of Orthopaedic Surgery (Medicine), $\frac{35}{100}$ time, one year from September 1, 1961, \$3,000, supersedes (9-14-61).
- HUBER, WILLIAM G., Assistant Professor of Veterinary Physiology and Pharmacology (Veterinary Medicine) and of Veterinary Research (Agricultural Experiment Station), two years from September 1, 1961, \$11,000 a year, supersedes (9-13-61).
- HUMPHERYS, DE VERL S., Research Associate in the Coordinated Science Laboratory (C), $\frac{1}{2}$ time, one year from September 1, 1961, \$3,200, supersedes (9-28-61).
- JENSIK, ROBERT J., Clinical Associate Professor of Surgery (Medicine), $\frac{1}{4}$ time, indefinite tenure from September 1, 1961, \$3,050 a year, supersedes (9-14-61).
- JOHNSON, HAROLD, Research Associate in Psychology, $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$3,150 (9-28-61).
- JOHNSON, HELEN, Research Assistant in Pediatrics (Medicine), one year from September 1, 1961, \$5,000 (10-4-61).

- JOHNSON, SHAYNA J., Research Assistant in Zoology, nine months from September 16, 1961, \$4,000 (10-4-61).
- JONES, ALMUT G., Preparator in Botany, with rank of Assistant, nine months from September 16, 1961, \$4,500 (10-4-61).
- JOSELYN, GEORGE B., Research Assistant in the State Natural History Survey, ten months from November 1, 1961, \$5,160 a year (9-11-61).
- KELLER, ROY J., Instructor in Education (University High School), $\frac{1}{2}$ time, and Counselor on the University Council on Teacher Education, $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$5,500, supersedes (9-22-61).
- KERR, WILLIAM D., Supervisor of Testing and Counseling, and Assistant Professor of Psychology in Extension (Division of University Extension), one year from September 1, 1961, \$8,000, supersedes (9-11-61).
- KINDLSPERGER, RONALD D., Instructor in Pedodontics (Dentistry), one year from September 1, 1961, \$6,500, supersedes (9-28-61).
- KOBAN, CHARLES, Assistant in English, nine months from September 16, 1961, \$4,200, supersedes (9-19-61).
- KRASNOW, EUGENE S., Clinical Instructor in Medicine (Medicine), one year from September 1, 1961, without salary (9-22-61).
- LAFUSE, HARRY G., Instructor in Electrical Engineering (C), academic year beginning September 1, 1961, \$5,600, supersedes (9-19-61).
- LAMAR, WILMER A., Visiting Lecturer in English, academic year beginning September 1, 1961, \$8,500 (9-20-61).
- LAMB, JOHN H., JR., Instructor in Civil Engineering (C and S), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$3,200, supersedes (9-28-61).
- LANDAU, WILLIAM, Instructor in Microbiology (Medicine), one year from September 1, 1961, without salary (9-22-61).
- LATHROP, JOHN F., Research Assistant in Physics (C), September 11, 1961-August 31, 1962, \$6,000 a year (9-19-61).
- LAWRENCE, ARTHUR G., Clinical Instructor in Surgery (Medicine), one year from September 1, 1961, without salary (9-11-61).
- LAWSON, RICHARD G., Instructor in Radio and Television (Journalism and Communications), to render service during the academic year, full time, six months from September 1, 1961, \$5,427 a year, and $\frac{3}{4}$ time, six months from March 1, 1962, \$4,070 a year, supersedes (9-19-61).
- LAYTON, LESLIE L., Project Assistant in the State Natural History Survey, September 16, 1961-August 31, 1962, \$4,200 a year (9-11-61).
- LEE, MERLIN R., Research Associate in the School of Life Sciences and in the Natural History Museum, one year from September 1, 1961, \$6,850 (9-25-61).
- LEE, ROBERT E., Instructor in Dentistry (Dentistry), $\frac{2}{3}$ time, one year from September 1, 1961, \$3,200 (9-22-61).
- LEVY, LUCRETIA, Instructor in Mathematics 42/100 time, academic year beginning September 1, 1961, \$2,875 (9-28-61).
- LINDBERG, MRS. CECELIA M., Assistant in the Illinois Historical Survey, one year from September 1, 1961, \$5,200 (9-14-61).
- LISTER, JAMES L., Research Associate in Education, academic year beginning September 1, 1961, \$5,400 (9-28-61).
- LIU, THOMAS K., Assistant Professor of Civil Engineering (C and S), two years from September 1, 1961, to render service during each academic year, \$7,200 a year, supersedes (10-3-61).
- LOW, LEONE, Instructor in Mathematics, $\frac{1}{2}$ time, six months from September 1, 1961, \$250 a month (9-28-61).
- LUND, SHERRY M., Assistant in Occupational Therapy (Medicine), one year from September 1, 1961, \$5,300 (9-14-61).
- MAIER, KENNETH J., Instructor in Radiology (Medicine), one year from September 1, 1961, without salary (9-22-61).
- MARTIN, JOHN S., Instructor in English, academic year beginning September 1, 1961, \$5,900 (9-28-61).
- MAYRON, LEWIS, Instructor in Biological Chemistry (Medicine), September 15, 1961-August 31, 1962, without salary (9-28-61).
- McCLOSKEY, ANN M., Assistant in Nursing, September 15, 1961-August 31, 1962, \$5,500 a year (9-22-61).
- McDONALD, OWEN G., Clinical Assistant Professor of Surgery (Medicine), $\frac{1}{4}$ time, one year from September 1, 1961, \$2,400 (9-12-61).

- McGRATH, JOSEPH E., Research Assistant Professor of Psychology, one year from September 1, 1961, \$10,100 (9-19-61).
- MILLER, ALLEN H., Research Assistant Professor of Physics (C), one year from September 1, 1961, \$7,950, supersedes (9-19-61).
- MILLER, JOHN F., Instructor in Architecture and Art (Chicago Undergraduate Division), academic year beginning September 1, 1961, \$6,000 (9-28-61).
- MONYPENNY, PHILLIP, Professor of Political Science on indefinite tenure, to render service during each academic year, $\frac{1}{3}$ time from September 1, 1961-February 28, 1962, \$305.55 a month; and full time from March 1, 1962, \$11,000 a year, supersedes (9-19-61).
- MULLER, BERTOLD, Research Associate in Chemistry, September 1, 1961-January 15, 1962, \$487.50 a month, supersedes (9-11-61).
- MUNO, FRANK J., Registered Pharmacist in Manufacturing Pharmacy (Pharmacy), one year from September 1, 1961, \$6,800, supersedes (9-14-61).
- MYERS, BASIL R., Associate Professor of Electrical Engineering (C), indefinite tenure beginning September 1, 1961, \$11,000 a year (10-3-61).
- MYERS, WALTER L., Research Associate in Veterinary Pathology and Hygiene (Veterinary Medicine), eleven months from October 1, 1961, \$9,000 a year (9-19-61).
- NAJAFI, HASSAN, Instructor in Surgery (Medicine), $\frac{3}{5}$ time, one year from September 1, 1961, \$4,800, supersedes his nonsalaried appointment (9-12-61).
- NAMBURY, C. N. V., Research Associate in Chemistry (Pharmacy), one year from September 1, 1961, \$6,600 (9-14-61).
- NEUHAUS, FRANCIS C., Assistant Professor of Biochemistry, September 1, 1961-February 28, 1962, \$625 a month (9-28-61).
- O'BRIEN, MARILYN J., Clinical Instructor in Pathology (Medicine), one year from September 1, 1961, without salary (9-22-61).
- OPPENLANDER, RENATE M., Research Assistant in Electrical Engineering (S), September 18, 1961-August 31, 1962, \$4,900 a year (9-28-61).
- PALMER, JOHN D., Instructor in Biological Sciences (Chicago Undergraduate Division), academic year beginning September 1, 1961, \$5,400 (9-22-61).
- PEASE, DAVID W., JR., Assistant in Education (University High School), nine months from September 16, 1961, \$5,300 (9-11-61).
- PENNEL, CHARLES A., Assistant in English, nine months from September 16, 1961, \$4,200, supersedes (9-19-61).
- PESSA, ARNE T., Research Assistant in Physiology, one year from September 1, 1961, \$4,900 (9-28-61).
- PETERSON, HELEN M., Research Associate in Botany, one year from September 1, 1961, \$5,620 (9-7-61).
- PINKERTON, MARY, Research Assistant in Chemistry, one year from September 1, 1961, \$5,600 (9-7-61).
- POTTLE, CHRISTOPHER, Research Associate in the Coordinated Science Laboratory (C), one year from September 1, 1961, \$6,800, supersedes (9-11-61).
- RAFF, MURNA J., Research Assistant in Electrical Engineering (S), one year from September 1, 1961, \$4,900, supersedes (9-14-61).
- RAJAN, N. S., Assistant in the Radiocarbon Laboratory, nine months from September 16, 1961, \$4,815 (9-14-61).
- RAO, C. R., Assistant on $\frac{1}{2}$ time and Research Assistant on $\frac{1}{2}$ time, in Mathematics, September 16, 1961-January 31, 1962, \$444.44 a month (9-28-61).
- RAU, RICHARD M., Research Assistant in Mining Engineering (C), September 16, 1961-January 31, 1962, \$466.66 a month (9-7-61).
- RAY, SYLVIAN R., Research Associate in the Digital Computer Laboratory, one year from September 1, 1961, \$9,200, supersedes (9-22-61).
- REED, MRS. MARY, Assistant in English (Chicago Undergraduate Division), September 16, 1961-January 31, 1962, \$2,200 (8-30-61).
- REILLY, JAMES R., Instructor in Veterinary Pathology and Hygiene (Veterinary Medicine), $\frac{3}{5}$ time, one year from September 1, 1961, \$4,000 (9-19-61).
- REINER, IRMA, Assistant Professor of Mathematics, $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$3,800 (9-28-61).
- RESEK, MRS. LOIS D., Research Assistant in the State Water Survey, nine months from October 1, 1961, \$5,200 a year (9-22-61).
- RETEL, ROBERT E., Assistant in Physical Education for Men (Chicago Undergraduate Division), nine months from September 16, 1961, \$4,500, and \$500 for over-time from Athletic Activities, total salary \$5,000 (9-28-61).

- RETTER, ELIZABETH L., Resident Assistant, Barton House, for ten months from September 1, 1961, \$1,600; for the convenience of the University she will also receive an apartment and meals while the dining rooms are open, supersedes (9-14-61).
- RISSE, HUBERT E., Professor of Mineral Economics (Mining, Metallurgy, and Petroleum Engineering) (C), $\frac{1}{3}$ time, academic year beginning September 1, 1961, \$2,650, this is in addition to his appointment in the Geological Survey; and on 1/10 time, indefinite tenure from September 1, 1962, to render service during each academic year, \$1,200 a year, supersedes (9-15-61).
- ROBERG, NORMAN B., Professor of Medicine (Medicine), $\frac{4}{5}$ time, August 26-August 31, 1961, \$1,250 a month, supersedes (9-25-61).
- ROBINSON, KINGSLEY P., Clinical Instructor in Surgery (Medicine), one year from September 1, 1961, without salary (9-14-61).
- ROHRER, CYRUS, JR., Instructor in the Institute of Aviation, one year from September 1, 1961, \$8,500 (9-25-61).
- ROSBOROUGH, JOHN P., Instructor in Veterinary Physiology and Pharmacology (Veterinary Medicine), $\frac{3}{4}$ time, one year from September 1, 1961, \$4,850 (9-25-61).
- ROSSI, HARRIETT M., Instructor in Nursing, academic year beginning September 1, 1961, \$7,350 (9-14-61).
- RUDNICK, ROLAND, Assistant Professor of Fixed Partial Prosthodontics (Dentistry), two years from September 1, 1961, \$8,500 a year (9-19-61).
- SALZER, RICHARD T., Instructor in Education, academic year beginning September 1, 1961, \$6,000 (9-19-61).
- SATO, TAKEO, Research Associate in Chemistry, one year from October 1, 1961, \$5,850, supersedes (9-11-61).
- SAWCZYN, EUGENE, Physician in the Health Service (Chicago Professional Colleges), $\frac{4}{5}$ time, September 7, 1961-August 31, 1962, \$9,600 a year, supersedes (9-25-61).
- SCRANTON, MARGARET J., Associate Editor in the College of Law, with rank of Instructor, five months from September 1, 1961, \$500 a month (9-7-61).
- SEN, ARUN KUMAR, Clinical Assistant Professor of Anesthesiology (Surgery) (Medicine), $\frac{2}{3}$ time, one year from September 1, 1961, \$4,500, supersedes nonsalaried appointment (9-12-61).
- SHAFTER, HAROLD A., Clinical Instructor in Medicine (Medicine), $\frac{1}{4}$ time, one year from September 1, 1961, \$2,400 (9-22-61).
- SHEINBLATT, MATITYAHU, Research Associate in Chemistry, one year from September 1, 1961, \$6,000 (9-11-61).
- SHENOI, B. ANANTHA, Instructor in Electrical Engineering (C), $\frac{2}{3}$ time, academic year beginning September 1, 1961, \$3,520, supersedes (9-28-61).
- SHERMAN, MARILYN J., Assistant in Education (University High School), nine months from September 16, 1961, \$5,300 (9-11-61).
- SHUMAN, FRANK H., Foreign Visitor Consultant in Agricultural Administration (College of Agriculture and Provost's Office), $\frac{1}{4}$ time, one year from September 1, 1961, \$2,520 (9-12-61).
- SINHA, MRS. INDU B., Research Assistant in Plant Pathology (S), one year from September 1, 1961, \$5,000 (9-7-61).
- SLAMA, LUCIEN P., Research Associate in Electrical Engineering (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,500 (9-19-61).
- SLODKI, SHELDON J., Instructor in Medicine (Medicine), four months from September 1, 1961, \$500 a month (9-19-61).
- SORSCHER, ALAN J., Clinical Assistant in Medicine (Medicine), one year from September 1, 1961, without salary (9-28-61).
- SPERA, FRANK X., Instructor in Fixed Partial Prosthodontics (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1961, \$3,750 (9-12-61).
- SRINIVASAN, GURUMAKONDA R., Research Assistant in Metallurgical Engineering (C), August 28-September 15, 1961, \$488.88 a month (9-7-61).
- STEINER, GILBERT Y., Professor on indefinite tenure, and Director of the Institute of Government and Public Affairs for two years, from September 1, 1961, \$16,000 a year, supersedes (9-18-61), on leave first semester.
- STEMPAK, JEROME G., Instructor in Anatomy (Medicine), one year from September 1, 1961, \$6,000 (9-14-61).
- STONECIPHER, A. KEITH, Instructor in Civil Engineering (C and S), academic year beginning September 1, 1961, \$7,200 (9-25-61).

- STOTTLAR, MRS. CARLINE B., Assistant in English (Chicago Undergraduate Division), September 16, 1961-January 31, 1962, \$2,100 (8-10-61).
- STREHL, FRANCIS W., Clinical Instructor in Surgery (Medicine), $\frac{1}{4}$ time, one year from September 1, 1961, \$3,000, supersedes (9-14-61).
- STRINGFELLOW, WILLIAM M., Instructor in Education (University High School), one year from September 1, 1961, \$7,000 (9-22-61).
- TICHENOR, DUANE, Instructor in Industrial Education, $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$3,000 (9-28-61).
- TORRIENTE, LUIS R., Clinical Assistant in Medicine (Medicine), July 1, 1961-August 31, 1962, without salary (9-22-61).
- TROTT, (MR.) BEVERLY D., Research Associate in Metallurgy (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,700 (9-22-61).
- UNZICKER, CAROL A., Assistant in Education (University High School), nine months from September 16, 1961, \$5,000 (9-19-61).
- VAN HORN, CHARLES, Research Associate in Education (University High School), full time one month from September 1, 1961, \$833.33, and $\frac{1}{2}$ time from October 1, 1961-June 30, 1962, \$416.67 a month (9-11-61).
- VAN PELT, JOHN D., Instructor in Psychology (Psychiatry) (Medicine), one year from September 1, 1961, without salary (9-22-61).
- VIVAS, ELISEO, Visiting Lecturer in English, September 1, 1961-February 28, 1962, to render service during the first semester of the academic year, \$4,500 (9-11-61).
- VOGEL, WOLFGANG H., Research Associate in Pharmacology (Medicine), one year from August 1, 1961, \$6,500 (9-14-61).
- WALL, FREDERICK T., Research Professor of Physical Chemistry, $\frac{1}{5}$ time, indefinite tenure, and Dean of the Graduate College, $\frac{4}{5}$ time, two years from September 1, 1961, \$24,500 a year, supersedes (9-20-61).
- WALLACE, GEORGE I., Professor of Microbiology, indefinite tenure from September 1, 1961, \$10,600, for services to be rendered during each academic year, supersedes (9-25-61).
- WARMBROD, JAMES R., Instructor in Agricultural Education, September 1, 1961-February 28, 1962, \$4,800 a year (9-11-61).
- WARNOCK, JOHN E., Research Associate in the State Natural History Survey, eight months from January 1, 1962, \$6,000 a year (9-12-61).
- WEATHERFORD, MARY A., Microanalyst in Chemistry, one year from September 1, 1961, \$4,900 (9-11-61).
- WENAAS, PAUL, Instructor in Inorganic Chemistry, $\frac{1}{2}$ time, academic year from September 1, 1961, \$3,150 (9-7-61).
- WHITFIELD, GEORGE D., Research Assistant Professor of Physics (C), one year from September 1, 1961, \$7,950, supersedes (9-19-61).
- WHITLATCH, ROBERT C., Instructor in the Division of General Studies, academic year beginning September 1, 1961, \$5,200 (9-22-61).
- WILF, RUTH T., Research Associate in Chemistry, $\frac{1}{2}$ time, one year from September 1, 1961, \$3,000 (9-28-61).
- WILMOT, CANDACE R., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1961, \$4,200, supersedes (9-28-61).
- WINGARD, MRS. MARILYN L., Assistant in Veterinary Pathology and Hygiene (Veterinary Medicine), one year from September 1, 1961, \$4,900 (9-7-61).
- WITHERS, INA, Research Assistant in Chemistry, one year from September 1, 1961, \$5,000 (9-28-61).
- WYATT, MRS. MARIE G., Assistant in Education (University High School), nine months from September 16, 1961, \$5,300 (9-11-61).
- ZEWADSKI, ROBERT M., Instructor in English (Division of Business English), $\frac{1}{3}$ time, academic year beginning September 1, 1961, \$1,700 (9-28-61).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- ALLEN, CYNTHIA J., Office of Vocational Rehabilitation Fellow (Trainee) in Education, nine months from September 16, 1961, \$2,000 (8-22-61).
- BLAKE, DONNA L., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$1,800 (8-17-61).

- BOJANOWSKI, ROBERT, United States Public Health Service Fellow (Trainee) in Microbiology, one year from June 16, 1961, \$2,800, supersedes (9-11-61).
- BOLTON, RUSSELL L., Armco Fellow in Ceramic Engineering, nine months from September 16, 1961, \$1,800 (9-28-61).
- BRABNER, GEORGE, JR., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1961, \$4,400 (10-2-61).
- BREFELD, GAIL L., Special Fellow in Social Work, nine months from September 16, 1961, \$1,800 (9-25-61).
- BRITTAİN, THOMAS M., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1961, \$3,000, supersedes (9-20-61).
- BURNS, RICHARD O., United States Public Health Service Fellow (Trainee) in Microbiology, September 16, 1961-January 31, 1962, \$1,200 (9-6-61).
- CARLSTEDT, MARY P., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$1,800 (9-18-61).
- CAVE, MAC D., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), one year from September 1, 1961, \$2,300 (9-25-61).
- CLARK, SHIRLEY A. M., Ford Postdoctoral Fellow in the Institute for Research on Exceptional Children, nine months from September 16, 1961, \$5,000 (9-11-61).
- CONRAD, H. EDWARD, Postdoctoral Fellow Trainee in Chemistry, one year from September 1, 1961, \$8,300 (9-20-61).
- DESA, RICHARD J., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1961, \$423; and nine months from September 16, 1961, \$2,200 (9-11-61).
- DOLAN, JAMES J., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from September 1, 1961, \$3,000 (9-18-61).
- ELLIS, ALAN F., Gillette-Toni Fellow in Chemistry, nine months from September 16, 1961, \$2,500 (9-20-61).
- ELY, DIKKA J., Office of Vocational Rehabilitation Fellow (Trainee) in Speech, one year from September 1, 1961, \$2,400 (9-20-61).
- ESBIN, JOHN H., JR., National Science Foundation Mathematics Institute Fellow in Mathematics, September 1, 1961-June 15, 1962, \$3,900, supersedes (9-27-61).
- FARMER, ROBERT, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), one year from September 1, 1961, \$2,300 (9-27-61).
- GEIS, MICHAEL D., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from October 1, 1961, \$540 (9-27-61).
- GEISON, RONALD L., United States Public Health Service Fellow (Trainee) in Animal Science, one year from September 1, 1961, \$2,400 (7-26-61).
- GRAHAM, MRS. BARBARA A. R., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$1,800 (8-17-61).
- HAHN, HANS R., United States Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1961, \$3,600 (9-22-61).
- HARNEY, JAMES B., Lilly Foundation Endowment Fellow in Psychology, nine months from September 16, 1961, \$2,700 (9-27-61).
- HAWLEY, JOHN W., Fellow in Geology, February 1-June 15, 1962, \$750, supersedes (9-1-61).
- HEINTZ, NORMAN V., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from October 1, 1961, \$540 (9-27-61).
- HOFMANN, LORENZ M., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1961, \$2,400 (9-21-61).
- HOLMES, PETER K., United States Public Health Service Fellow (Trainee) in Microbiology, one year from June 16, 1961, \$2,800, supersedes (9-11-61).
- IzCOA, ADA E., United States Public Health Service Fellow (Trainee) in Psychology (Chicago Professional Colleges), one year from September 1, 1961, \$3,200 (7-25-61).
- JOHNSON, WILLIAM H., Teaching Fellow in Geology, nine months from September 16, 1961, \$1,000, supersedes (9-19-61).

- KAUFFMAN, FREDERICK, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1961, \$2,400 (9-20-61).
- KOMINEK, LEO A., United States Public Health Service Fellow (Trainee) in Microbiology, one year from June 16, 1961, \$2,800, supersedes (9-11-61).
- KRUMWIEDE, JOHN F., David Kinley Fellow in Business Administration, nine months from September 16, 1961, \$1,500 (9-21-61).
- KUO, JYH-FA, United States Public Health Fellow (Trainee) in Chemistry, nine months from September 16, 1961, \$2,000 (9-22-61).
- LANDY, ARTHUR H., United States Public Health Service Fellow (Trainee) in Microbiology, nine months from September 16, 1961, \$2,000 (9-14-61).
- LANTOLF, JOSEPH, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1961, \$3,900 (9-1-61).
- LEVINE, SUSAN, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from November 1, 1961, \$3,000 (9-18-61).
- MANDY, WILLIAM J., United States Public Health Service Fellow (Trainee) in Microbiology, nine months from September 16, 1961, \$2,100 (9-6-61).
- MARQUINEZ, ANA, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), four months from September 1, 1961, \$300 a month (9-18-61).
- MCALLISTER, JAMES T., Office of Vocational Rehabilitation Fellow (Trainee) in Speech, one year from September 1, 1961, \$2,400 (9-20-61).
- MCKEON, JAMES J., Postdoctoral Fellow (Trainee) in Psychology, nine months from September 16, 1961, \$6,000 (9-11-61).
- MIKA, DOROTHY, Office of Vocational Rehabilitation Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$1,800 (8-17-61).
- OSTHOFF, IRENE, Office of Vocational Rehabilitation Fellow (Trainee) in Education, September 16, 1961-January 31, 1962, \$1,000 (8-22-61).
- RADDATZ, ALAN P., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$1,800 (8-17-61).
- RAO, V. SESHAGIRI, United States Public Health Service Fellow (Trainee) in Animal Science, one year from September 1, 1961, \$2,400 (7-26-61).
- RAPS, SHIRLEY, United States Public Health Service Fellow (Trainee) in Microbiology, September 16, 1961-January 31, 1962, \$1,200 (9-6-61).
- ROCKSTAD, HOWARD K., National Lead Company Fellow in Physics, one year from September 1, 1961, \$2,700 (9-20-61).
- SAINIO, OLLI J., Special Fellow in Law, nine months from September 16, 1961, \$1,500 (6-30-61).
- SCHULTENOVER, BERNARD L., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-August 31, 1961, \$195; and September 1, 1961-June 15, 1962, \$3,900, supersedes (8-30-61).
- SMITH, ROBERT M., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1961, \$2,800 (10-2-61).
- SPENCER, ELIZABETH F., United States Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1961, \$2,800 (9-29-61).
- SPRIGGS, GEORGE H., Special Fellow in Social Work, nine months from September 16, 1961, \$1,800 (9-25-61).
- UNGER, LEON, United States Public Health Service Fellow (Trainee) in Microbiology, September 16, 1961-January 31, 1962, \$1,200 (9-6-61).
- UNNA, MAYA S., Center for Handicapped Children Fellow (Research and Educational Hospitals), one year from September 1, 1961, \$5,000 (9-1-61).
- VALENTINE, RAYMOND C., United States Public Health Service Fellow (Trainee) in Microbiology, one year from September 16, 1961, \$2,000 (9-11-61).
- VAN EGEREN, LAWRENCE, United States Public Health Fellow (Trainee) in Psychology, nine months from September 16, 1961, \$2,000 (8-4-61).
- WEARY, MARLYS, University Fellow at the Chicago Professional Colleges, nine months from September 16, 1961, \$1,800, supersedes (9-19-61).
- WEIDMAN, THOMAS A., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), one year from September 1, 1961, \$2,300 (9-7-61).

- WILLIAMSEN, JOHN A., United States Public Health Fellow (Trainee) in Psychology, nine months from September 16, 1961, \$2,000 (8-4-61).
 WILSON, WILLIAM E., III, Fellow in Geology, February 1-June 15, 1962, \$750, supersedes (9-1-61).
 WOLTERS, MRS. CAROL M., Office of Vocational Rehabilitation Fellow (Trainee) in Education, nine months from September 16, 1961, \$1,800 (9-14-61).
 WOODARD, MELVIN R., National Science Foundation Mathematics Institute Fellow in Mathematics, August 15-31, 1961, \$225; and September 1, 1961-June 15, 1962, \$4,350, supersedes (8-31-61).
 ZWIER, MARCIA D., United States Public Health Service Fellow (Trainee) in Education (School Psychology), nine months from September 1, 1961, \$2,400 (7-26-61).

CANCELLATIONS, DECLINATIONS, AND RESIGNATIONS

- BALABAN, MARTIN, Research Associate in Psychiatry (Medicine) — resignation effective July 1, 1961.
 BALLOWE, JAMES C., Assistant in English — resignation effective September 16, 1961.
 BOWER, JOHN E., Instructor in Theoretical and Applied Mechanics — resignation effective September 1, 1961.
 BREEDIS, JOHN F., Research Associate in Mining, Metallurgy, and Petroleum Engineering — resignation effective September 1, 1961.
 CARREL, ROBERT L., Research Associate in Electrical Engineering — resignation effective October 1, 1961.
 CARROLL, JOHN R., Associate Professor of Mechanical Engineering — resignation effective September 1, 1961.
 COST, JAMES, Assistant in Theoretical and Applied Mechanics — resignation effective August 4, 1961.
 DODD, LLOYD N., Instructor in English (Chicago Undergraduate Division) — resignation effective September 1, 1961.
 DOUGAL, ARWIN A., Associate Professor, and Research Associate Professor of Electrical Engineering — resignation effective September 1, 1961.
 EIDUKEVICIUS, MARIJA, Research Assistant in Microbiology (Medicine) — declination effective September 1, 1961.
 FISHER, J. THOMAS, Assistant in Physical Education for Men — resignation effective September 16, 1961.
 HACKETT, BRIAN, Professor of Landscape Architecture — resignation effective March 1, 1962.
 HALL, WADE H., Instructor in English — resignation effective September 1, 1961.
 HARE, MRS. ALICE, Instructor in Home Economics 4-H Club Work — resignation effective August 1, 1961.
 HELLSTROM, WARD, Assistant in English — resignation effective September 16, 1961.
 HILLS, GRAHAM J., Research Associate in Chemistry — resignation effective August 27, 1961.
 HOCHSTEIN, LAWRENCE, Instructor in Microbiology (Medicine) — declination effective September 1, 1961.
 HUNT, PATRICIA A., Research Assistant in Coordinated Science Laboratory — resignation effective September 1, 1961.
 IHRIG, HARRY K., JR., Lecturer in Mechanical and Industrial Engineering — resignation effective September 1, 1961.
 JOOS, LOTHAR A., Associate Professor of Horticulture — resignation effective June 1, 1960.
 JOSELYN, GEORGE B., Research Assistant in the State Natural History Survey — resignation effective November 1, 1961.
 KANEY, ANTHONY R., United States Public Health Service Fellow (Trainee) in Microbiology — resignation effective September 16, 1961.
 KLATTENHOFF, MARY L., Office of Vocational Rehabilitation Fellow (Trainee) in Education — resignation effective September 16, 1961.
 KREIER, JULIUS P., Instructor in Veterinary Pathology and Hygiene — resignation effective September 13, 1961.
 LANCE, BETTY R. G., Instructor in Spanish and Italian — resignation effective September 1, 1961.

- LANCOUR, HAROLD, Professor of Library Science and Associate Director of the Graduate School of Library Science — resignation effective October 16, 1961.
- LEE, BONG K., Research Assistant in Chemistry (Pharmacy) — resignation effective July 21, 1961.
- LEE, DONG W., Fellow in Civil Engineering — resignation effective February 1, 1962.
- MACKIE, JOHN, Research Assistant in Anatomy (Medicine) — declination effective September 1, 1961.
- MANN, DENNIS K., Instructor in Veterinary Pathology and Hygiene — resignation effective September 15, 1961.
- MELOY, CARL R., Professor of Chemistry, Summer Session of 1961 (Chicago Undergraduate Division) — resignation effective August 12, 1961.
- MCGUIRE, WILLIAM J., Research Associate Professor in the Institute of Communications Research, and Associate Professor of Psychology — resignation effective September 1, 1961.
- MUKAI, KATSUNORI, Research Associate in Food Technology — resignation effective September 1, 1961.
- MYKKANEN, DONALD L., Instructor in Mechanical and Industrial Engineering — resignation effective September 1, 1961.
- OPDAHL, KEITH M., Assistant in English — resignation effective September 16, 1961.
- PREVIC, EDWARD, United States Public Health Service Fellow (Trainee) in Biological Chemistry (Chicago Professional Colleges) — resignation effective September 1, 1961.
- PRICE, THORNTON W., Associate Professor of Mechanical Engineering — resignation effective September 21, 1961.
- RAM, RISHI, Fellow in Agronomy — resignation effective September 16, 1961.
- REED, CHARLES A., Associate Professor of Zoology (Pharmacy) — resignation effective September 1, 1961.
- RHODES, YORKE E., JR., Gillette-Toni Fellow in Chemistry — resignation effective September 16, 1961.
- RINEHART, KENNETH L., Research Assistant Professor of Chemistry — resignation effective July 16, 1961.
- ROSLANSKY, MRS. PRISCILLA F., Research Associate in Chemistry — resignation effective September 16, 1961.
- SCHIFFRIN, MILTON J., Clinical Assistant Professor of Anesthesiology (Surgery) (Medicine) — resignation effective August 2, 1961.
- SEYMOUR, ROBERT G., Professor of Business Management and Director of the Executive Development Center — resignation effective September 16, 1961.
- SHERWIN, C. W., Professor of Physics and Associate Director of the Coordinated Science Laboratory — resignation effective September 1, 1961.
- TOMITA, GIITI, Research Associate in Botany — resignation effective November 1, 1961.
- VAISHNAV, RAMESHCHANDRA N., Research Associate in Theoretical and Applied Mechanics — resignation effective September 23, 1961.
- WALCH, DAVID B., Lois Wells Irwin Fellow in Library Science — resignation effective September 16, 1961.
- WEINSWIG, PATRICIA M., Assistant in Pharmacy (Pharmacy) — resignation effective June 15, 1961.
- WESTMAN, THOMAS L., Esso Postdoctoral Fellow in Chemistry — resignation effective August 15, 1961.
- WINTON, HENRY J., Instructor in Electrical Engineering, Summer Session of 1961 — cancellation effective June 19, 1961.
- WOZNIAK, ROBERT S., Instructor in Theoretical and Applied Mechanics — resignation effective September 1, 1961.
- YANKOFSKY, SAUL A., Research Assistant in Microbiology — resignation effective September 1, 1961.
- YATES, MRS. MARGARET E. T., Fellow in Chemistry — resignation effective September 16, 1961.

LEAVES OF ABSENCE

- ALHADEFF, ALBERT V., Instructor in Economics, Chicago Undergraduate Division — leave of absence for military service, without pay, from September 1, 1961, through August 31, 1962.

- BATEMAN, PAUL T., Professor of Mathematics — leave of absence, without pay, from September 1, 1961, through February 28, 1962.
- CALAHAN, DONALD A., Assistant Professor of Electrical Engineering, College of Engineering — extension of leave of absence, without pay, for military service, for one year from September 1, 1961.
- DAVIDSON, EDWARD H., Professor of English — leave of absence, without pay, from September 1, 1962, through August 31, 1963, so that he may serve as a Visiting Professor at Harvard University during this period.
- DINGER, MRS. SHARON L., Assistant in Veterinary Pathology and Hygiene, College of Veterinary Medicine — extension of leave of absence, without pay, from July 1 through August 31, 1961.
- DULANY, MRS. ELIZABETH, Assistant Editor in the University Press — leave of absence, without pay, from September 26, 1961, through November 6, 1961.
- GUSFIELD, JOSEPH R., Associate Professor of Sociology — leave of absence without pay for 52 per cent time, for the academic year beginning September 1, 1961.
- HYDE, JOHN S., Assistant Professor of Pediatrics, College of Medicine — leave of absence, without pay, for two months from September 1, 1961.
- MELOY, CARL R., Professor of Chemistry and Head of Division of Physical Sciences, Chicago Undergraduate Division — leave of absence without pay for the first semester and leave of absence with full pay for the second semester of the academic year 1961-62, instead of leave of absence for the academic year beginning September 1, 1961, on one-half pay.
- WALES, HUGH G., Professor of Marketing — leave of absence, without pay, from March 1 through August 31, 1962, so that he may accept an offer of a teaching research post at the University of South Africa, Pretoria, South Africa.
- WILES, JO ANN, Library School Librarian, with rank of Assistant Professor — leave of absence, without pay, for three months from October 1, 1961, so that she may accept an assignment in Medellin, Colombia, to advise in the establishment of a library science library at the University of Antioquia.

CANCELLATIONS OF LEAVES OF ABSENCE

- BANKS, EDWIN M., Assistant Professor of Biological Science (Division of General Studies), in the College of Liberal Arts and Sciences, and Assistant Professor of Animal Behavior (Animal Science), in the College of Agriculture — sabbatical leave of absence for the second semester of 1961-62 cancelled without prejudice.
- SCHULTHEISS, LOUIS A., Head of Technical Services in the Library, with rank of Associate Professor, Chicago Undergraduate Division — leave of absence, without pay, from September 1, through December 31, 1961, has been cancelled.

On motion of Mr. Swain, the Board adjourned.

A. J. JANATA

Secretary

KENNEY E. WILLIAMSON

President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

November 28, 1961



The November meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Tuesday, November 28, 1961, beginning at 10:30 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Richard A. Harewood, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Earl M. Hughes and Governor Otto Kerner were absent.

Also present were President David D. Henry, Executive Vice-President and Provost Lyle H. Lanier, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Dr. J. S. Begando, Vice-President in charge of the Chicago Professional Colleges, Director C. S. Havens of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. James J. Costello, Legal Counsel, Mr. Ralph F. Lesemann, Special Counsel, Dean K. J. McCristal of the College of Physical Education, Mr. Max Abramovitz, Architect for the Assembly Hall, Mr. V. L. Kretschmer, Director of Auxiliary Services, Mr. Thomas P. Parkinson, Director of the Assembly Hall; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on June 21, 1961, press proof copies of which had previously been sent to the Board.

On motion of Mr. Johnston, the minutes were approved as printed on pages 537 to 632, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
DAVID LEE BRADY	Skokie	District of Columbia
JAMES ROBERT BRAGG	Arlington Heights	Pennsylvania
RICHARD ELWOOD	Park Forest	Indiana
RICHARD TOWNSEND FARRAND	Radnor, Pennsylvania	Pennsylvania
GARY STUART LASER	Chicago	Florida
JEROME HOWARD LIPMAN	Chicago	District of Columbia
GEORGE THOMAS MARTIN	Dubuque, Iowa	Iowa
ROBERT FREDERIC MEYERS	Hammond, Indiana	Indiana
MAURICE STANLEY NEWMAN	Hinsdale	New York
ROBERT GERALD SANFORD	Lombard	Wisconsin
IRWIN ISRAEL TUREN	Chicago	District of Columbia
PAUL WILLIAMS WILSON	Minneapolis, Minnesota	Utah

I concur.

On motion of Mr. Harewood, these certificates were awarded.

APPOINTMENTS TO THE FACULTY

(2) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. ROBERT P. BENTZ, Assistant Professor of Poultry Marketing, Department of Agricultural Economics, beginning December 1, 1961, at an annual salary of \$9,500 (DY).
2. CAROLYN A. EDIE, Assistant Professor of History, Division of Social Sciences, Chicago Undergraduate Division, beginning September 1, 1961, on one-half time, at an annual salary of \$3,250 (B50).
3. ANGELA TOWNSEND FOLSOM, Consultant with rank of Assistant Professor of Psychology, beginning September 1, 1961, without salary (DY).
4. GEORGE K. GREEN, George A. Miller Visiting Professor of Physics, one month from November 20, 1961, at a salary of \$3,000 (G).
5. BERNARD LOUIS GREENE, Clinical Assistant Professor of Psychiatry, College of Medicine, beginning October 1, 1961, without salary (DY).
6. MILES VINCENT KLEIN, Research Assistant Professor of Physics, beginning February 1, 1962, at an annual salary of \$7,800 (DY).
7. KATE HIRSCHBERG KOHN, Clinical Assistant Professor of Physical Medicine and Rehabilitation, College of Medicine, beginning November 1, 1961, without salary (DY).
8. PAUL M. NOVAK, Visiting Associate Professor of Landscape Architecture, Department of City Planning and Landscape Architecture, first semester of 1961-62, on one-third time, at a salary of \$2,000 (G33).

On motion of Mr. Pogue, these appointments were confirmed.

COLLEGE OF PHARMACY ADVISORY COMMITTEE

(3) The Dean of the College of Pharmacy recommends the appointment of Milton S. Prizant, Sales Manager, Gazzolo Drug and Chemical Company, Chicago, to the College of Pharmacy Advisory Committee for a term ending June 30, 1966. Mr. Prizant will replace Mr. Fred B. Kienzle, Midwest District Vice-President, McKesson and Robbins, Inc., Chicago, whose term has expired.

I concur.

On motion of Mrs. Watkins, this appointment was approved.

**APPOINTMENT OF ASSISTANT TO THE PRESIDENT
IN CHARGE OF CHICAGO OFFICE**

(4) The public services of the University of Illinois require an office in Chicago as a headquarters for its general operations there, quite apart from the activities at the Medical Center and at Navy Pier. Office space has been available in the Illini Center, LaSalle Hotel, for many years, but the President's Office presently has no continuing staff at this location. I now request that the Board of Trustees authorize a new position, Assistant to the President in charge of the Chicago Office of the President, the duties to include the following assignments:

1. To represent the President at conferences and meetings in Chicago.
2. To supervise and manage the operations of the office, which will include providing services to University officers using the President's Office, to schedule conferences, to conduct interviews for the President, and to supply general information about the University.
3. To facilitate liaison among the several operations of the University of Illinois in the Chicago area.

I also recommend the appointment of Charles C. Caveny, presently Executive Dean of the Chicago Undergraduate Division, to this position, effective January 1, 1962. His knowledge of the Chicago area and his background of experience in the community, as well as his knowledge of the University as a whole, will make it possible for him to render effective and important service in this new assignment.

On motion of Mr. Swain, this appointment was approved.

PROGRESSIVE ADMISSION OF UNDERGRADUATE STUDENTS

(5) The Board of Trustees has authorized a plan of progressive admission of undergraduate students which establishes priorities for action on applications for admission according to a specified schedule. The All-University Committee on Admissions¹ recommends that the dates for the priority periods be modified as follows.

Period I—through April 14, 1962 (rather than through March 31)

Period II—from April 15 through May 31, 1962 (rather than April 1 through April 30)

Period III—after May 31, 1962 (rather than April 30)

Experience has shown that Periods I and II were of insufficient duration to permit the processing of all the applications received for those periods. Most of the applications for a given priority period are available prior to the beginning date indicated for that period. Applications received following the period during which they would normally be processed would be handled so that priority is given, so far as administratively feasible, to the best qualified applicants.

The Committee also recommends that the Dean of Admissions and Records be authorized to make adjustments in dates for priority periods as necessary from year to year.

I concur.

On motion of Mr. Johnston, this recommendation was approved.

**REVISIONS IN CURRICULA IN THE COLLEGE
OF PHYSICAL EDUCATION**

(6) The Urbana-Champaign Senate recommends the following revisions and new curricula in the College of Physical Education:

¹ The progressive admission of undergraduate students plan as approved by the Board of Trustees was recommended by the University Senates. Since the change here proposed is only in the schedule of priorities, approval by the University Senates is not deemed necessary.

Municipal Park Administration. Authorization of a new municipal park administration option in the Department of Recreation to meet the urgent need for competent personnel in the rapidly growing park systems throughout the state of Illinois and the nation. There is no institution of higher learning in Illinois where preparation and training for this work is available.

Submitted herewith are the details of this new option, a copy of which is being filed with the Secretary of the Board for record.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

Dance. Authorization of a new curriculum in dance leading to the degree of Bachelor of Arts in Dance, in the Department of Physical Education for Women. The new curriculum will contribute to the program of the College and will offer basic preparation for dance performers, choreographers, and producers. It includes general education courses in humanities, social sciences, and biological sciences, and courses in the related arts of theatre, music, and art. The proposed curriculum is related directly to the degree of Master of Arts in Dance now offered, and is in addition to the option in teacher education curriculum in dance which fulfills the present requirements of a Bachelor of Science in Physical Education for women preparing to teach in public schools.

Submitted herewith are the details of the new curriculum, a copy of which is being filed with the Secretary of the Board for record.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I recommend approval of the above proposals, subject to further action by the new State Board of Higher Education.

On motion of Mr. Swain, the foregoing recommendations were approved.

Physical Education for Men. The Urbana-Champaign Senate Committee on Educational Policy recommends, and the Executive Vice-President and Provost concurs, that a new course, Physical Education for Men 225, Supervised Experience in Physical Education, a noncredit course, be required of all students in the professional curriculum in physical education for men. Students in this professional training curriculum will be required to enroll in the new course for one semester during their junior year.

Although the Educational Policy Committee and the Office of the Executive Vice-President and Provost have advised that no further Senate or other actions are required, this being a minor change in requirements for graduation, it is nevertheless reported to the Board for record and confirmation.

On motion of Mr. Swain, this action was confirmed.

DOCTOR OF PHILOSOPHY IN RUSSIAN

(7) The Urbana-Champaign Senate recommends extension of the existing graduate program in Russian to include the Doctor of Philosophy degree. The formation and expansion of the Department of Russian, the rapid increase of interest in the field, and the number of candidates who wish to pursue studies beyond the recently established master's program indicate a definite need for this graduate program.

Admission Requirements. Applicants must meet the scholastic standards established by the Graduate College, and should have the equivalent of at least four years of Russian, including practical work in the use of the language and an advanced course in literature.

Degree Requirements. The candidate must meet the general requirements specified by the Graduate College with respect to credit, residence, minors, language proficiencies, thesis research, and the preliminary and final examinations. He may major in literature or in linguistics, but he must offer one minor in another language or literature, or in linguistics.

In addition to fulfilling all general requirements of the Graduate College, a candidate for the degree of Doctor of Philosophy in Russian will be required to have a reading knowledge of French and German and a knowledge of the development of the Russian language, including Church Slavonic (Russian 405). The candidate will be required to take at least six units in 400 courses (i.e., graduate courses) beyond the master's degree. The candidate may major either

in Russian literature or in Russian linguistics, but must offer a minor in another language or literature, or in linguistics.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I recommend approval, subject to further action by the State Board of Higher Education.

On motion of Mr. Clement, this recommendation was approved.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(8) The Committee on Nonrecurring Appropriations recommends the following appropriations and assignments of funds from the University General Reserve, except as otherwise indicated:

Urbana-Champaign

1. College of Agriculture	
Dixon Springs Experiment Station, improvements.....	\$ 9 250
Department of Home Economics, furnishings for Home Management House	2 725
2. College of Education	
Education, equipment	5 000
Industrial Education, equipment.....	1 500
Teacher Placement Office, equipment.....	2 190
University High School, equipment.....	4 280
3. College of Engineering	
Department of Mechanical and Industrial Engineering, thermal analogue computer	8 000
Department of Theoretical and Applied Mechanics, Universal testing machine and associated equipment.....	18 000
4. College of Fine and Applied Arts	
Department of Art, equipment.....	8 200
Department of City Planning and Landscape Architecture, equipment.....	4 850
School of Music, equipment.....	3 000
5. College of Liberal Arts and Sciences	
Department of Anthropology, equipment.....	3 133
Department of Chemistry and Chemical Engineering, equipment....	25 000
Department of Geology, replacement of conversion detector.....	3 468
Department of Microbiology, equipment.....	6 380
Department of Physiology, equipment.....	6 875
Department of Psychology, equipment.....	5 025
Department of Speech and Theatre, prefabricated sound room.....	7 437
Department of Zoology, equipment.....	8 523
6. College of Physical Education	
Department of Health and Safety Education, equipment.....	7 946
Department of Physical Education for Women, equipment.....	3 742
7. College of Veterinary Medicine	
Department of Veterinary Clinical Medicine, remodeling and equipment.....	3 300
Department of Veterinary Physiology and Pharmacology, equipment	16 980
8. Admissions and Records, equipment.....	11 720
9. Physical Plant	
Administration Building, load lugger.....	2 500
1203 West California Avenue property, remodeling.....	5 600
David Kinley Hall, improvements.....	2 560
Fire truck equipped with high lift tower, and shed to house it.....	40 000
Physics Laboratory, remodeling.....	2 800
University High School, improvements.....	8 455
Vegetable Crops Building, improvements.....	1 760
Volatile Storage Building (reallocation of appropriation previously made for remodeling Armory Avenue property for Central Receiving Station)	(54 000)

Chicago Undergraduate Division

10. West End Snack Bar, lighting.....	2 300
11. Honors Program Office, remodeling and equipment.....	5 800

12. Library, additions	\$ 10 000
13. Admissions and Records, equipment.....	2 280

Chicago Professional Colleges

14. Television equipment	43 000
15. College of Dentistry, Pedodontics, equipment.....	21 442
16. Research and Educational Hospitals, equipment.....	47 000
17. College of Medicine, Physiology, equipment.....	6 700

Total, University General Reserve.....\$378 721

From the state capital appropriations "For enlargement and rehabilitation of existing buildings and construction of minor buildings with fixed equipment installed. . . ."

1. Physical Plant, Urbana-Champaign	
Agricultural Engineering Building, wiring and transformer.....	\$ 2 740
David Kinley Hall, replacement of elevator.....	40 000
Law Building, remodeling sprinkler system.....	6 000
Main Library stacks, heating improvements.....	11 000
Mumford Hall, improvements.....	9 050
Natural History Building, enclose north courtyard to match a grant ¹ from the National Science Foundation which is hereby reported for record	15 600
University sheep barn, improvements.....	5 650
<i>Total, State Capital Appropriations.....</i>	<i>\$ 90 040</i>
<i>Grand Total</i>	<i>\$468 761</i>

I concur.

On motion of Mr. Swain, these appropriations were made, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

CONTRACT FOR POWER SUPPLY FOR BETATRON BUILDING

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$13,879 to the Hyre Electric Company, Chicago, the lowest bidder, for installation of a new power supply to the Betatron Building at the Chicago Professional Colleges.

This improvement is in connection with changing the electrical supply to the Medical Center Campus from 4000 volts to 12,000 volts and will include installing new duct work and cables to the Betatron. Long-range plans contemplated this improvement to the electrical distribution system.

Funds are available in the state capital appropriations from the Universities Building Fund.

I concur.

On motion of Mr. Clement, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

CONTRACT FOR CONSTRUCTION OF BURNSIDES RESEARCH LABORATORY

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for the construction of the Burnside Research Laboratory on Pennsylvania Avenue in the area east of the Dairy Manufacturers Building for the Department of Food Technology, the award in each case being to the lowest bidder:

¹ The National Science Foundation has made a grant of \$15,600 for the extension of the Natural History Building to provide research facilities for the Departments of Zoology and Botany, on the condition that this grant will be matched by the University from nonfederal funds to the extent of at least 50 per cent of the direct costs of the project. The grant and matching funds will provide for construction of an office-laboratory facility for graduate students, in the north courtyard of the Natural History Building.

General — A. F. Krall Construction Company, Inc., Decatur.....	\$299 150 00
Electrical — Henry Newgard and Company Chicago.....	53 784 00
Base Bid	\$56 884
Less Deductive Alternate for substitution of a different make of lighting fixtures but equal to those listed in the base bid.....	—3 100
Plumbing — Nu-Way Plumbing Service, Inc., Chicago.....	99 913 00
Heating and Refrigeration — F. R. Inskip and Company, Champaign..	119 819 00
Ventilating — Reliable Plumbing and Heating Company, Champaign..	58 315 00
<i>Total Contracts</i>	\$630 981 00

Elevator — Only one bid was received, and it is recommended that the bid be rejected and new bids taken. This action will not delay construction of the building since the elevator installation will not be required until the building is well under way.

Funds are available in a grant of \$400,000 from the National Institutes of Health, a gift of \$200,000 from Miss Ethel Burnside of Paris, Illinois, and \$200,000 from the state capital appropriations to the University from the Universities Building Fund, subject to release by the Governor. Miss Burnside has offered an additional gift of \$50,000 on condition that it be matched by an equal amount. Such additional funds are necessary because the total cost of the building will be in excess of the estimates on which the original financing was based. There will be other costs, including moveable equipment, in addition to the contracts recommended above, and grants may be available for some of the equipment. In the meantime, sufficient funds are available and have been assigned for the award of the contracts and I recommend that they be authorized, and that the Governor be requested to release \$250,000 or as much thereof as may be needed for the project.

Miss Burnside's gift will be made over a period of years. The Vice-President and Comptroller recommends, and I concur, that \$175,000 be advanced from the Indirect Costs Fund Reserve, to be repaid as gifts are received from Miss Burnside in 1963 and subsequent years, and that the President of the University be authorized to accept the offer of Miss Burnside of an additional gift of \$50,000 upon the conditions prescribed by her in her letter of November 16, 1961, a copy of which letter is on file with the Secretary of the Board of Trustees. (Fifty thousand dollars has already been received from Miss Burnside and an additional \$25,000 will be received before construction is completed.)

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Swain, acceptance of the offer was authorized; the contracts were awarded, as recommended; and the only bid on the elevator contract was rejected. These actions were taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

CONTRACT FOR CONSTRUCTION OF THE SECOND STAGE OF THE PHYSICS BUILDING

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for the construction of the second stage of the Physics Building, the award in each case being to the lowest bidder:

General — Johnson, Drake, and Piper, Inc., Terre Haute.....	\$1 165 300
Base Bid	\$1 107 000
Plus Additive Alternates	
Service charge for accepting assignment of mechanical contracts for supervision by general contractor	19 500
Addition of office shelving assemblies.....	6 800
Addition of vinyl-asbestos tile floor in two lecture rooms	2 000
Acoustical tile in offices.....	3 200

Acoustical tile in research laboratories.....\$	8 300
Acoustical tile in teaching laboratories.....	10 800
Addition of resilient floors	
In research laboratories.....	5 600
In five other rooms.....	2 100
	(58 300)
Electrical — Art-o-lite Company, Inc., Galesburg.....\$	237 000
Plumbing — George S. Walker Plumbing and Heating, Inc., Decatur..	89 970
Heating, Process Piping, and Refrigeration — Reliable Plumbing and Heating Company, Champaign.....	204 797
Ventilating — R. H. Bishop Company, Champaign.....	212 700
Laboratory Equipment — Metalab Equipment Company, Hicksville, New York	17 574
<i>Total Contracts</i>	\$1 927 341

Funds are available in the state capital appropriations for 1961-63 from the Universities Building Fund and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

CONTRACTS FOR REMODELING AND IMPROVEMENTS IN THE ENGINEERING RESEARCH LABORATORY

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for remodeling and improvements in the areas occupied by the Coordinated Science Laboratory in the Engineering Research Laboratory, the award in each case being to the lowest bidder:

General — C. H. Langman and Son, Rock Island.....	\$15 639
Electrical — Brunkow Electric Company, Champaign.....	3 871
Heating and Refrigeration — T. A. Brinkoetter and Sons, Inc., Decatur...	16 971
Ventilating — Petry Roofing and Sheet Metal Company, Champaign.....	17 994
<i>Total Contracts</i>	\$54 475

Funds are available in Coordinated Science Laboratory research contracts. Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

CONTRACT FOR INTERIOR DECORATING IN THE PENNSYLVANIA AVENUE RESIDENCE HALLS

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend employment of Ernst C. Von Ammon, 920 North Michigan Avenue, Chicago, for interior decorating services in the Pennsylvania Avenue Residence Halls at a fee of \$7,000, which is 5.1 per cent of the estimated cost of equipment and furnishings for which he is to make selections and provide specifications.

I concur.

On motion of Mrs. Watkins, this recommendation was approved.

NAMES OF UNIVERSITY'S CHICAGO CAMPUSES

(14) Some time ago the administrative officers at the Chicago Undergraduate Division and at the Chicago Professional Colleges were requested to suggest

names for the two Chicago campuses. After consultation, they presented recommendations, which in turn were reviewed by the Executive Committee of the University Council. Consistent with the reactions which I have received, I propose that the following names be officially adopted: the University of Illinois at Congress Circle, Chicago, and the University of Illinois at the Medical Center, Chicago.

The Committee on Buildings and Grounds has previously considered these names and concurs in the recommendation for their adoption.

On motion of Mr. Pogue, these names were approved.

DESIGNS OF NEW BUILDINGS

(15) The Director of the Physical Plant submits for approval by the Board of Trustees designs for the Illinois Street Residence Halls for Single Students, to be constructed in the area between Green Street and Illinois Street, east of the present student-staff apartments, and for the Central Receiving Station.

Director C. S. Havens and Mr. Ambrose Richardson, Consulting Architect, discussed these designs and the Trustees inspected the models.

On motion of Mr. Swain, the Board approved these designs.

EXCHANGE OF LAND AT CHICAGO PROFESSIONAL COLLEGES

(16) The Board of Trustees has authorized the exchange of University land at 1825 West Taylor Street, Chicago, for the land at 1933 West Polk Street, Chicago, owned by the Medical Center Commission.

It is now necessary to adopt a formal resolution to implement this exchange.

Resolution

WHEREAS, Medical Center Commission, a body politic and corporate, duly organized and existing under and by virtue of the laws of the State of Illinois, hereinafter referred to as "Commission," has offered to convey title to the hereinafter-described property now owned by it and located at 1933 West Polk Street, Chicago, Illinois, to The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, hereinafter referred to as "University," in exchange for the conveyance by University of title to the hereinafter-described property now owned by it and located at 1825 West Taylor Street, Chicago, Illinois, to Commission upon the following terms and conditions:

1. Each party will convey title to the other in fee simple absolute free and clear of any and all liens and encumbrances.

2. Each party will furnish to the other an Owners Title Insurance Policy in the sum of Five Thousand Dollars (\$5,000) insuring title in fee simple subject to the printed general exceptions appearing on Chicago Title and Trust Company's Owners Title Insurance Policy Form A and a special exception that since both properties are located within the Medical Center District created by "An act in relation to the establishment of a medical center district in the city of Chicago and for the control and management thereof," approved June 4, 1941, the policies shall be subject to the provisions of said Act and amendments thereto.

3. Possession shall be delivered, and title shall be conveyed by quit-claim deed, by each party to the other simultaneously and on or before December 29, 1961.

Now, Therefore, Be It and It Hereby Is Resolved, by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this University be, and they hereby are, authorized and directed, to execute, acknowledge, and deliver, in the name of, and in behalf of, this University, and under its Corporate Seal, a Quit-Claim Deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to Medical Center Commission, a body politic and corporate, title to the following-described property, viz.:

Lot 36 of Yeaton and Taylor's Subdivision of Lots 5, 6, and 7 in Codwise's Subdivision of the West Half of the Southeast Quarter (except 1 chain and 37 links all along the West side thereof) of Section 18, Township 39 North, Range 14 East of the Third Principal Meridian, situated in the County of Cook and State of Illinois;

upon Commission's conveying to this University title to the following-described property, viz.:

Lot 11 in Potter Palmer's Subdivision of Lot 11 and that part of Lot 12 lying South of Polk Street (except Winchester Avenue) in Codwise's Subdivision of the West half of the Southeast Quarter of Section 18, Township 39 North, Range 14 East of the Third Principal Meridian (except 1 chain and 37 links all along the West side thereof), situated in the County of Cook and State of Illinois.

On motion of Mrs. Watkins, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

PURCHASES

Purchases Authorized

(17) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase in each case was recommended on the basis of the lowest acceptable bid.

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Accessory equipment and spare parts for the CDC 1604 computing assembly being installed in the Coordinated Science Laboratory: One card tester CDC Model No. 151 Two lots spare parts for routine maintenance of the computer	Coordinated Science Laboratory	Control Data Corp., Minneapolis, Minn.	\$24 052 31 f.o.b. Minneapolis, Minn.
4,000 rolls of film, linograph ortho 35 mm. x 100 ft. grey base, not perforated	Physics	Eastman Kodak Co., Chicago	21 600 00 f.o.b. delivered
Print and bind 20,000 copies <i>Illinois Farm Record Book, Part I</i> , 48 pages plus cover per copy, trim size 8½ in. x 10¾ in.	Agricultural Economics	P.D.Q. Printing Service, Urbana	3 178 00 f.o.b. delivered
Print and bind 12,000 copies of <i>Book 2—Gravitation</i> , approximately 124 pages per copy, trim size 8½ in. x 11 in.	Print Shop	George Banta Co., Chicago	3 021 00 f.o.b. delivered

The following purchases were authorized by the Executive Vice-President and Provost, acting for the President, pursuant to authorization by the Board of Trustees to act on recommendations for purchases under International Cooperation Contracts. The purchases will be from funds supplied by the International Cooperation Administration under its contract with the University for educational services to institutions of higher education in India.

One lot laboratory equipment and supplies	International Cooperation Administration Contracts	E. H. Sargent & Co., Chicago	\$ 7 882 50 f.a.s. New York, N. Y.
Two lots medical and laboratory equipment and supplies for export to India	International Cooperation Administration Contracts	Arthur H. Thomas Co., Philadelphia, Pa.	20 803 99

On motion of Mr. Harewood, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One amino acid analyzer	Biochemistry, College of Medicine	Technicon Chromatography Corp., Chauncey, N.Y.	\$8 098 95 delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One heart-sound teaching system to visualize heart sounds, ECG, and to provide sound to 200 auditors; less trade-in allowance for one used amplifier	Medicine	Sanborn Co., Chicago	\$8 756 85 delivered
504 bottles Lipomul I.V. (this represents a three-month supply)	Pharmacy	Upjohn Co., Chicago	2 948 40 delivered
40,000 Tolbutamide tablets, 0.5 gm. (this represents a six-month supply)	Pharmacy Stores	Upjohn Co., Chicago	3 336 00 delivered
One vertical mill and accessories	Physiology, College of Medicine	L. G. Evans & Co., Chicago	3 432 50 net, delivered
One blood-volume measuring apparatus	Surgery	Atomium Corp., Waltham, Mass.	4 020 68 delivered
Cable and engineering services to be used in the rerouting of two 4000-volt Commonwealth Edison Co. service lines on the Chicago Professional Colleges campus (this rerouting is necessary in order to start construction of the Medical Science Addition)	Physical Plant	Commonwealth Edison Co., Chicago	7 753 15
270,000 sterile disposable hypodermic needles in assorted sizes (this represents approximately an eight-month supply, with the option to renew for one year beginning July 1, 1962)	Various	V. Mueller & Co., Chicago	13 700 40 (2% 30 days)

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One lot of amino acids for poultry research	Animal Science	Nutritional Biochemicals Corp., Cleveland, Ohio	\$ 3 001 50 f.o.b. delivered
One electrometer amplifier balance system, less shorting switches and recorder, 15-ft. cables between electrometer heads and the main amplifier, three resistors and holders	Chemistry and Chemical Engineering	Applied Physics Corp., Monrovia, Calif.	4 473 00 delivered
Three model F Friden flexwriters with accessory equipment	Coordinated Science Laboratory	Friden, Inc., Minneapolis, Minn.	9 085 00 f.o.b. delivered
One mass spectrometer leak-testing system	Coordinated Science Laboratory	Vacuum-Electronics Corp., Chicago	5 315 00 f.o.b. delivered
One electromagnet, 12-inch, laboratory, with two extra sets of pole caps and one power supply, maximum field 25 kilogauss, homogeneity at 75 per cent of maximum field, full 360° rotation about a vertical axis, rotation of yoke about an axis through the centers of the poles of at least plus or minus 90° from the vertical	Coordinated Science Laboratory	Pacific Electric Motor Co., Oakland, Calif.	14 945 00 f.o.b. delivered
Two precision, electrically advanced, 35 mm. recording cameras, complete with one magazine, footage indicator, and fiducial	Digital Computer Laboratory	Flight Research, Inc., Richmond, Va.	14 410 00 f.o.b. delivered
One spectrometer with a V-58 type klystron to measure both adsorption and dispersion of chemical samples simultaneously	Electrical Engineering	Strand Labs, Inc., Newton, Mass.	10 800 00 f.o.b. Newton, Mass.
One lot laboratory apparatus and equipment (estimated three-month supply) Approximately 150 cases of assorted laboratory glassware (Corning Glass Works) 200 cases assorted laboratory glassware (Kimble Glass Co.)	General Chemical Stores	Schaar & Co., Chicago	61 821 25 f.o.b. delivered
One recording oscillograph, 18 active traces with sequential interruption of all traces at a 12-inch repetition cycle	Mechanical and Industrial Engineering	Consolidated Electrodynamics Corp., Chicago	4 160 00 f.o.b. Pasadena, Calif.
One carrier amplifier, 3KC, 4-channel, frequency response 0-600 cps, sensitivity 1.875-64 millivolts for full-scale output			
One ultracentrifuge with refrigeration and vacuum systems, and one rotor	Microbiology	Spinco Division, Beckman Instruments, Inc., Palo Alto, Calif.	7 129 42 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One grand piano, seven foot, ebony finish, less trade-in of one Steinway grand piano	School of Music	Emerson Piano House, Inc., Decatur	\$3 725 00
Two grand pianos, five foot, ebony finish, less trade-in allowance for one Conover grand piano		Seven-foot Steinway Mendel Riley's Music, Champaign	4 130 00
		Two five-foot Baldwin grand pianos	(7 855 00)
One four-rank, two-manual, pipe organ to be furnished and installed in Smith Music Hall, less credit for trade-in of two-manual Moller pipe organ	School of Music	Wicks Organ Co., Highland	5 867 26 f.o.b. delivered and installed
One oscilloscope, range DC to 1 gigacycle, less than 0.35 nanoseconds rise-time, vertical sensitivity better than 10V/cm; 24 KV accelerating potential; 9 calibrated sweeps from 2 to 1000 nsec/cm	Physics	Tektronix, Inc., Park Ridge	4 465 00 f.o.b. Beaverton, Ore.
Two camera mounting adapters No. 122-568			
One oscilloscope camera, object-to-image ratio 1:0.5			
One research model electron microscope for ultra-high resolution and high contrast microscopy, accelerating voltages, 50, 75, and 100, including a double condenser lens, selected area diffraction, magnification from 50 X to 250,000 X continuously variable, resolution guaranteed to be less than 10 angstrom units; including free service for one year with three complete overhaul services	Physics	Erb & Gray Scientific, Inc., Oak Park	28 500 00 f.o.b. delivered and installed
One multichannel pulse-height analyzer system consisting of 512-channel analyzer, computer readout typewriter, components for three-dimensional operation, tape perforators, and reader control	Physics	Nuclear Data, Inc., c/o Charles Walsh Associates, Deerfield	16 019 00 f.o.b. delivered
Phototubes selected for luminous intensity: 10 type 6810A; 30 type 6655A; five type 7046	Physics	Radio Corp. of America, Lancaster, Pa.	6 112 80 f.o.b. delivered
Approximately 4,500 liters liquid hydrogen to be delivered as needed in five shipments of approximately 900 liters each during the period from November, 1961, to June 30, 1962	Physics	Linde Co., Division of Union Carbide Corp., Chicago	17 417 40 f.o.b. delivered
One x-ray generator, special purpose, consisting of a three-phase full wave rectifier power supply and type FA-100 x-ray tube: anode voltages 20 - 100 kv. filament currents up to 50 milliamperes, inherent filtration of the tube for the x-rays 1.6 mm. of beryllium	Physics	Bracke-Seib X-Ray Co., Inc., Pelham Manor, N.Y.	9 950 00 f.o.b. delivered
One film reader, semiautomatic, for measuring events on 35 mm. film; must handle three 100 ft. rolls; viewing screen with a magnification of at least 20; cross hair position to appear on viewing screen moveable by hand, cross hair located with a resolution of 1 micron on the film with accuracy of plus or minus 5 microns full scale and positioned in digitized form for IBM 526 card punch; motorized controlled film speed between 0 and 1 ft. per second; one combination vacuum pump and compressor	Physics-Betatron	Raymond Atchley Division, American Brake Shoe Co., Los Angeles, Calif.	18 300 00 f.o.b. delivered
One twelve-measuring station, strip-chart recording hygrometer, chart speed 3 inches per hour, with change gears for 1, 2, and 4 inches per hour; measuring station terminals to be such that they can be wired in parallel; humidity range 15 to 80 per cent r.h. at 40° to 120° F; 50 ft. leads; 48 elements; 12 mountings; and 20 40-yd. rolls chart paper	Physical Environment Unit	Hygrodynamics, Inc., Silver Spring, Md.	3 178 20 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One ultramicrotome with linear thermal feed, electronically controlled, variable cutting speeds and optical attachments	Veterinary Medicine	LKB Instruments, Inc., Washington, D.C.	\$ 4 541 80 f.o.b. delivered
Store fixtures required for the modernization of the Illini Union Bookstore	Illini Union Bookstore	Watson Store Fixtures Co., Fremont, Neb.	13 000 00 f.o.b. delivered
Print and bind 2,000 copies of <i>Reason in Society</i> by Paul Diesing, approximately 304 pages per copy, trim size 6 in. x 9 in.	University Press	North Central Publishing Co., St. Paul, Minn.	3 852 32 f.o.b. delivered
One eight-station, fully automatic collator, to gather sheets ranging in size from 6 in. x 7 in. to 11 in. x 17 in., to be equipped with a detachable double head heavy duty stitcher and detachable folder	Print Shop	Farrington Business Machines Corp., Chicago	12 429 00 f.o.b. delivered
Print and bind 10,000 copies of the Audio-Visual Aids Catalog of Educational Films, approximately 304 pages per copy, trim size 8½ in. x 12 in.	Audio-Visual Aids Service	Interstate Printers and Publishers, Inc., Danville	13 732 75 f.o.b. delivered
60 memo books and 2,544 ring binders (estimated ten- to twelve-month supply)	Office Supply Store	A. C. McClurg & Co., Chicago	3 183 66 f.o.b. delivered
13,420 rolls cellophane tape 3,320 rolls paper masking tape 600 rolls freezer tape 144 rolls drafting tape (Estimated twelve-month supply)	Office Supply Store	Levin Bros. Paper Corp., Chicago	4 502 40 f.o.b. delivered
60,000 lbs. soft, white lead paste (for painting uses), federal specifications TT-W-215-B, type C in 100 lb. kegs	Physical Plant	National Lead Co., Chicago	11 070 00 f.o.b. delivered
40,000 pounds steel pipe, schedule 40, black and galvanized, threaded and coupled, 21 ft. random lengths in sizes from ¾ in. to 8 in.	Physical Plant Stores	Joseph T. Ryerson & Son, Inc., Chicago	4 427 08 f.o.b. delivered
110 fluorescent fixtures, with one 40-watt lamp, 4 ft. long, metal louvers, "A" sound-rated ballasts	Physical Plant	Heider Electric Supply Co., Elgin	6 697 30 f.o.b. delivered
211 fluorescent fixtures, with two 40-watt lamps, 8 ft. long, metal louvers, "A" sound-rated ballasts			

On motion of Mr. Harewood, these purchases were authorized.

GIFT OF AIRCRAFT

(18) The Institute of Aviation has received an outright gift of a DC-3, N 28 U aircraft from a donor who wishes to remain anonymous. It is currently equipped for fifteen passengers and can be remodeled to seat more. The estimated value is \$125,000, including electronic equipment worth approximately \$60,000.

I have accepted this gift on behalf of the Board of Trustees and report my action for record. The aircraft will be used for transportation of University personnel on charter flights when the travel connections or other factors make air transportation desirable or necessary. It will also be used in the two-year aircraft maintenance curriculum given by the Institute of Aviation.

On motion of Mr. Clement, the President's action was confirmed.

COMPTROLLER'S REPORT OF CONTRACTS

(19) The Comptroller's report of contracts executed during the period October 1 to 31, 1961.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Mark L. Morris Animal Foundation	A urethral substitute for the canine and feline patient	\$ 1 957 50	May 15, 1961
United States Atomic Energy Commission AT (11-1) 1077	Atomic energy research and development	41 500 00	September 1, 1961
United States Department of Health, Education, and Welfare OE-2-10-050	General relations of changes of interest and personality to changes of school performance in normal children	65 919 00	September 1, 1961

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Department of Health, Education, and Welfare OE-2-10-058	Effects of orientation to testing on motivation for and outcome of test interpretation	\$ 17 040 00	September 1, 1961
United States Navy Nonr 1834-(38)	Dependence of dielectric properties on crystal structures, chemical composition, and defect concentration	30 000 00	August 1, 1961
Total		<u>\$156 416 50</u>	

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Newton M. Cunningham and Mrs. Eunice C. Creamer	Property at 627½ South Wright Street, Champaign, from September 1, 1961, through June 30, 1963, for the use of Community Development, Provost's Office	\$ 3 520 00 (\$160.00 per month)	September 1, 1961
International Harvester Co.	Rental of farm machinery, 28 items: \$17.07 to \$1220.36	9 103 51	August and October, 1961
John Deere Co.	Lease of one rake with hand lift crank	70 98	July 15, 1961
Cyrus W. Vaughn	Property at 1102-A West Main Street, Urbana, from October 1, 1961, through June 30, 1962, for laboratory and office space, College of Education and University High School	1 440 00 (\$160.00 per month)	October 1, 1961
Total		<u>\$14 134 49</u>	

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
The Bendix Corp.	High-temperature thermal properties of ceramic-metal combinations	\$24 976 25	October 10, 1961
Charles Pfizer & Co., Inc.	Study and evaluate amino acids, unidentified growth factors, vitamins, and antibiotics in swine	2 500 00	August 24, 1961
State of Illinois Department of Mental Health, Project No. 1723	Psychosomatic differentiation in infancy	800 00	September 7, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-2	Highway problems	16 000 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-5	Riveted and bolted structural joints	10 000 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-9	Impact on highway bridges	23 400 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-10	Prestressed concrete highway bridges	29 000 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-12	Soil exploration and mapping	28 000 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-23	Determination of waterway areas	10 000 00	August 8, 1961

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-46	Soil-aggregate mixtures for highway pavement	\$24 500 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-47	Chemical stabilization of soils	8 000 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-53	Vehicular speed regulation	26 850 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-58	Equipment for roadside cover	18 500 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-59	Highway medians	18 500 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-64	Welded highway structures	24 000 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-65	Drainage laws and practices	14 000 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-66	Woody ground cover	14 500 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-67	Grasses and their establishment	11 500 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-68	Guide lines for appraisals	19 000 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-69	Traffic linkage patterns	8 500 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-70	Social factors and traffic	7 000 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-71	Impact on urban real estate values	22 000 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-72	Creep in structural concrete	16 500 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-73	Fatigue failure in concrete	16 500 00	August 8, 1961

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-75	Seal coats and surface treatments	\$12 750 00	August 8, 1961
State of Illinois Department of Public Works and Buildings, Division of Highways IHR-76	Lime stabilization of soils	16 000 00	August 8, 1961
Texaco, Inc.	Study methods and machines for more efficient application of anhydrous ammonia, aqua ammonia, and slurries of dry and liquid nutrients	3 500 00	July 10, 1961
United States Air Force AF 19 (604) 2152	Gaseous electronics	35 172 97	August 28, 1961
United States Air Force AF 33 (616) 5153	Brittle transition in metals	13 537 57	September 13, 1961
United States Army DA 11-022-ORD-874	Nucleophilic attack of aromatic rings by organometallic compounds	3 017 00	September 8, 1961
United States Army DA 11-022-ORD-1001	Conduction of electricity in solids	20 442 00	September 8, 1961
United States Army DA 11-022-ORD-1707	Exploration and application of turbulence theories	1 818 00	September 8, 1961
United States Army DA 11-022-ORD-1983	Problems relating to the synthesis of one and two terminal-pair networks	7 217 00	September 13, 1961
United States Army DA 11-022-ORD-1987	Electrochemistry of fused salts	7 433 00	September 8, 1961
United States Army DA 11-022-ORD-2691	Dislocations and point defects	4 806 00	September 13, 1961
United States Army DA 11-022-ORD-2705	Interaction of interstitial impurities with defect in B.C.C. metals	1 352 00	September 8, 1961
United States Army DA 11-022-ORD-3442	Protection against corrosion	3 400 00	September 8, 1961
United States Army DA 19-129-QM-1262	Development of chemical resistant elastomers	2 580 18	August 22, 1961
United States Army DA 22-079-ENG-240	Analytical study of dynamic bearing capacity of soils	1 750 00	August 23, 1961
United States Army DA 49-007-MD-421	Transmission of the common cold under controlled conditions	64 829 00	September 29, 1961
United States Army DA 49-193-MD-2047	Antiradiation drugs	13 334 00	September 27, 1961
United States Army DA 49-193-MD-2133	Biochemistry of the inhibitory or receptor-like substances with which influenza viruses react	39 285 00	August 31, 1961
United States Atomic Energy Commission AT (11-1) 314	Synthesis of boron-containing dyes suitable for use in vivo experiments on mice with glioblastomas	20 000 00	September 15, 1961
United States Department of Agriculture A6-EQ-52	Plant pest control	4 999 92	July 1, 1961
United States Navy NBY-24976	Welding procedures, including preheating and stress-relieving	10 000 00	August 28, 1961
United States Navy Nobs-72069	Pressure vessel design having particular reference to the reinforcement of openings in shells and plates	10 365 86	August 31, 1961
United States Navy Nobs-77012	Hydrogen embrittlement tendencies of propeller, shaft, and hull metals as related cathodic protection	3 536 28	August 31, 1961
United States Navy Nonr-1834 (05)	Nuclear disintegration schemes and nuclear interactions of cosmic rays	200 000 00	July 26, 1961
United States Navy Nonr-1834 (33)	Concept invention	11 457 00	July 31, 1961
Wyandotte Chemicals Corp., under prime contract with United States Air Force AF 33 (616) 7214	Ferrocenes substituted with reactive groups	10 000 00	July 26, 1961
<i>Total</i>		<u>\$917 109 03</u>	

Adjustments Made in 1961-62 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Fourteen items: \$957.41 deduct to \$136.67	\$490 24 (deduct)	September and October, 1961
M. E. Hollett	Painting	47 68	October, 1961
<i>Total</i>		<u>\$442 56</u> (deduct)	

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(20) The Comptroller presented his quarterly report to the Board as of September 30, 1961.

This report was received for record and a copy has been filed with the Secretary of the Board.

SETTLEMENT WITH PATRICK WARREN CONSTRUCTION COMPANY

(21) In December, 1949, the University entered into a contract with Patrick Warren Construction Company (hereinafter termed "Warren") for the performance by the latter of the general work in connection with the construction of the addition to the Research and Educational Hospitals at Chicago. The provisions of the contract contemplated the completion of the building in May, 1951; but, in consequence of numerous delays which developed from time to time, some of the work remained undone in July, 1953, with the result that the University, in order to expedite the completion of the building, assumed the then unfinished portion of Warren's work in return for a credit allowed the University by Warren.

At that time Warren had not paid the balances due a considerable number of its subcontractors for the work done and materials furnished by them. Since then, the University, with Warren's consent, has paid, out of funds it was withholding from payment to Warren, the balances owed those subcontractors by Warren in return for credits allowed the University by Warren.

As the result of the last such payment, which was made to the partnership known as Crouch-Walker Company about three months ago, the unpaid balance under the contract between Warren and the University is now \$49,330.34. In addition to its claim for the payment to it of that balance, Warren, upon the theory that the University is legally responsible for the above-mentioned delays, asserts substantial claims against the University for increased costs and damages Warren claims it has sustained, and may in future sustain, in consequence of them. On the other hand, the University asserts it is entitled to certain credits, which Warren has refused to allow, upon the contract and also asserts claims against Warren for damages for the delays for which the University claims Warren was both actually and legally responsible. The University denies liability to Warren upon the latter's last-mentioned claims, and Warren denies liability to the University upon its claims against Warren. The details of these claims are more fully stated in a letter from Mr. Lesemann to President Henry of which a copy is being filed with the Secretary for record.

As the result of negotiations recently conducted between counsel for Warren and counsel for the University, Warren has now agreed to accept the sum of \$81,042.07 and a release by the University of all of the latter's claims against Warren in full payment and satisfaction of all of Warren's claims against the University and to deliver to the University a full and complete release of all claims, and release and waiver of all liens, which Warren may have or assert against the University.

Litigation of the claims asserted by Warren against the University, and those asserted by the latter against Warren, which appears inevitable if claims are not settled and disposed of on the foregoing basis, would be protracted and complicated and would result in serious inconvenience and very substantial expense to the University. For these reasons, the Vice-President and Comptroller, the Director of the Physical Plant, the Legal Counsel, and Special Counsel (Albert E. Jenner, Jr., and Ralph F. Lesemann), who have been handling these matters for the University, recommend that a final settlement between the University and Warren on the above-mentioned basis be authorized and made, and

that the Comptroller and the Secretary be authorized to execute and deliver upon behalf of the University the necessary release of the University's claims against Warren, all subject to release by the Governor out of funds appropriated to the University for the construction of the Hospital Addition of the sum of \$81,042.07 for payment to Warren.

I concur.

On motion of Mr. Johnston, this settlement was authorized, as recommended.

EASEMENT TO ILLINOIS BELL TELEPHONE COMPANY

(22) The Illinois Bell Telephone Company has requested an easement for an underground telephone cable installation across University properties at 502 and 508 East John Street, Champaign. All University officers concerned recommend that this request be granted and I concur.

To implement this easement, the following resolution should be adopted:

Resolution

Be It, and It Hereby Is Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this Board of Trustees be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to Illinois Bell Telephone Company, an Illinois corporation, hereinafter referred to as "Grantee," its successors and assigns, the right and easement to lay, operate, and maintain a communications cable for the transmission of telephonic signals under and through the land hereinafter described and the right of ingress to and egress therefrom. Grantee shall agree to repair any damage to property of this Corporation by the laying, construction, reconstruction, operation, maintenance, renewal, or removal of said cable, and Grantee shall further agree to relocate said cable at its expense if and when said cable would interfere with any construction undertaken by this Corporation during the term of the right-of-way easement to be hereunder granted. The right-of-way easement shall terminate ninety (90) days after Grantee ceases to use said transmission line for rendition of service. The right-of-way easement shall be over the following-described property:

The North Three (3) feet of Lot Ten (10) in Block Eleven (11) in Assessor's Subdivision of Blocks Ten (10), Eleven (11) and Fourteen (14) of J. S. Wright's Addition to Champaign, in Champaign County, Illinois; and

The North Three (3) feet of Lot Seven (7) of J. I. Groves' Replat of Lots Seven (7) and Eight (8) in Block Eleven (11) in the Assessor's Subdivision of Blocks Ten (10), Eleven (11), and Fourteen (14) of J. S. Wright's Addition to Champaign, situated in the County of Champaign, and State of Illinois.

On motion of Mr. Swain, the foregoing resolution was adopted.

PRESIDENT'S REPORT ON SELECTED TOPICS OF CURRENT INTEREST

(23) President Henry stated that for some time he has felt the need to bring to members of the Board of Trustees, with some regularity, a brief report of significant current events and other items of interest so that the members have this additional means to an overview of campus happenings and educational achievements.

Each subject will be in capsule form. Should any particular subject be of special interest to anyone, a more complete dossier of information can be made available.

He presented a report on the following topics: University fifth in total degrees, future teachers in professional semester, Professor George White honored, distinguished graduate returns, mathematics program continued.

Copies of the complete report were distributed at the meeting to the members of the Board of Trustees and to representatives of the press, and a copy was filed with the Secretary for record.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) cancellations, declinations, and resignations; (4) leaves of absence; (5) cancellation of leave of absence; (6) retirements.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

- ADLER, DONATELLA G., Research Assistant Professor of Physics (C), eight months from October 1, 1961, \$725 a month (10-10-61).
- ANDREWS, ROLLIN D., III, Project Assistant in Aquatic Biology (Graduate College and Illinois Natural History Survey), full time from September 1-15, 1961, and from June 1-August 31, 1962, \$400 a month, and $\frac{1}{2}$ time from September 16, 1961-May 31, 1962, \$200 a month, supersedes (10-11-61).
- ASHMORE, CONSTANCE M., Serials Assistant in the Library, October 10, 1961-August 31, 1962, \$5,500 a year, supersedes (10-10-61).
- BAER, ROGER K., Instructor in Social Sciences (Chicago Undergraduate Division), $\frac{3}{4}$ time, academic year beginning September 1, 1961, \$3,120 (10-10-61).
- BAKER, LOUID W., Assistant in Physical Education for Men, October 16, 1961-June 15, 1962, \$500 a month, supersedes (10-27-61).
- BEEVERS, LEONARD, Research Associate in Plant Physiology (Agronomy) (S), eleven months from October 1, 1961, \$6,000 a year (10-7-61).
- BOZICH, BEATRICE F., Assistant in Medicine (Medicine), nine months from December 1, 1961, \$4,900 a year (11-7-61).
- BRADY, LEONARD E., Research Associate in Chemistry, October 16, 1961-August 31, 1962, \$7,000 a year (10-20-61).
- BRANDABUR, AGNES, Assistant in English, September 16, 1961-January 31, 1962, \$444.44 a month (10-20-61).
- BRAUN, LUCILLE V., Assistant in Spanish, academic year beginning September 1, 1961, \$5,700 (10-10-61).
- BROUDE, FRANKLYN, Assistant in Commerce and Business Administration (Chicago Undergraduate Division), September 16, 1961-January 31, 1962, \$2,400 (10-10-61).
- BUBLITZ, DONALD E., Research Associate in Chemistry, one year from September 1, 1961, \$5,850 (10-9-61).
- BUCK, DAVID W., Instructor in Psychiatry (Medicine), one year from July 1, 1961, without salary (10-20-61).
- BUDRYS, MILDA, Clinical Instructor in Medicine (Medicine), one year from September 1, 1961, without salary (10-20-61).
- CEKAN, PAUL R., Research Assistant in Psychiatry (Medicine), September 25, 1961-August 31, 1962, \$8,500 a year (10-14-61).
- CHAMBERLAIN, MRS. ARTHA, Assistant in English, $\frac{2}{3}$ time, \$296.33 a month (10-10-61); and Assistant in Aeronautical and Astronautical Engineering, $\frac{1}{3}$ time, \$148.67 a month, September 16, 1961-January 31, 1962, supersedes (6-21-61).
- CHITTY, JACK L., Clinical Assistant in Medicine (Medicine), one year from September 1, 1961, without salary (10-14-61).
- CHURCHICH, JORGE E., Research Associate in Chemistry, eleven months from October 1, 1961, \$6,000 a year (10-10-61).
- CIPLIJAUSKAITE, DANUTE, Assistant in Foreign Languages (Chicago Undergraduate Division), nine months from September 16, 1961, \$4,200 (10-14-61).
- CLARK, JOHN M., JR., Assistant Professor of Biochemistry, academic year beginning September 1, 1961, \$7,400 (10-20-61).
- CONNICK, LOUIS, Instructor in Education (University High School), one year from September 1, 1961, \$6,800 (10-27-61).
- CORNELL, HARRISON K., Educational Script Writer for Television (College of Journalism and Communications), September 16, 1961-August 31, 1962, \$6,600 a year (10-10-61).
- COTTRELL, FRANCES B., Assistant in Education (University High School), $\frac{3}{4}$ time, \$4,200 (8-10-61); and in Botany, $\frac{1}{4}$ time, nine months from September 16, 1961, \$1,000 (10-10-61).

- CRIDER, QUINCY E., Assistant in Animal Science (S), one year from September 1, 1961, \$5,000 (10-9-61).
- DACHOWSKI, MARJORIE M., Clinical Counselor, with rank of Instructor, Student Counseling Service (Provost's Office), $\frac{3}{4}$ time, eleven months from October 1, 1961, \$5,475 a year, supersedes (10-10-61).
- DEES, DENZIL E., Instructor in Veterinary Physiology and Pharmacology (College of Veterinary Medicine), and in Veterinary Research (Agricultural Experiment Station), five months from September 1, 1961, \$6,800 a year (10-20-61).
- DEWHIRST, DONALD L., Assistant Professor of Engineering (Chicago Undergraduate Division), academic year beginning September 1, 1961, \$7,800 (10-10-61).
- DJORUP, FRANS M., JR., Research Associate in Mathematics, August 28-September 8, 1961, \$345, supersedes (10-20-61).
- DOUGLAS, GEORGE H., Assistant Editor in the Agricultural Experiment Station, with rank of Instructor, eleven months from October 1, 1961, \$6,000 a year (10-7-61).
- DROWER, SARA R., Assistant in Biological Sciences (Chicago Undergraduate Division), nine months from September 16, 1961, \$4,200 (10-10-61).
- EDA, KEIICHI, Research Associate in Chemistry, August 23, 1961-June 30, 1962, \$6,000 a year, supersedes (10-11-61).
- EDWARDS, RALPH M., Catalog Assistant in the Library, October 10, 1961-August 31, 1962, \$5,500 a year (10-10-61).
- EISEN, NATHANIEL H., Assistant Professor of Psychology, $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$4,050 (10-10-61).
- ELLIOTT, PATRICK F., Instructor in English (Chicago Undergraduate Division), $\frac{1}{2}$ time, September 1, 1961-January 31, 1962, to render service during the first semester of the academic year, \$1,250 (10-10-61).
- EPSTEIN, ROBERT B., Clinical Assistant in Medicine (Medicine), eleven months from October 1, 1961, without salary (10-25-61).
- ERICKSON, DONALD V., Instructor in English (Division of Business English), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$1,600 (10-7-61).
- EVANS, CLARYCE L., Research Associate in Education (University High School), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,650 (10-10-61).
- FARA, HARRY, Research Associate in Mining, Metallurgy, and Petroleum Engineering, $\frac{3}{4}$ time, September 1, 1961-January 15, 1962, \$2,500, supersedes (10-20-61).
- FOSTER, HAROLD E., Instructor in Veterinary Physiology and Pharmacology (Veterinary Medicine), $\frac{3}{4}$ time, September 16, 1961-August 31, 1962, \$4,850 a year (10-26-61).
- FUJII, TOZO, Research Associate in Chemistry, one year from October 1, 1961, \$5,850 (10-10-61).
- GAETANI, SANCIA, Research Associate in Animal Science (S), ten months from November 1, 1961, \$5,850 a year (10-20-61).
- GILLETTE, HOWARD E., Clinical Instructor in Oral and Maxillofacial Surgery (Dentistry) and in Surgery (Medicine), $\frac{1}{2}$ time, one year from September 1, 1961, without salary (10-27-61).
- GOLDMAN, MRS. OLIVE R., Assistant in Speech and Theatre, September 16, 1961-January 31, 1962, \$444.44 a month (10-10-61).
- GOODMAN, PEARL M., Assistant in English (English for Foreign Students), September 16, 1961-January 31, 1962, \$444.44 a month (11-7-61).
- GOSS, MARY E., Instructor in Medical Social Work (Medicine), ten months from September 1, 1961, \$566.66 a month, supersedes (10-10-61).
- GRIMM, ARTHUR, Instructor in Physiology (Medicine), $\frac{1}{2}$ time, and in Dentistry (Administrative Department) (Dentistry), $\frac{1}{2}$ time, one year from September 1, 1961, \$9,000, supersedes (10-10-61).
- GROUTT, THOMAS W., Assistant in English, nine months from September 16, 1961, \$4,000, supersedes (10-20-61).
- HARTMAN, MARTHA, Assistant in English, nine months from September 16, 1961, \$4,000, supersedes (10-10-61).
- HERUM, FLOYD L., Assistant Professor of Agricultural Engineering (E and S), two years from September 1, 1961, \$8,000 a year (10-20-61).
- HINKEN, MICHAEL V., Instructor in Ophthalmology (Medicine), $\frac{4}{5}$ time, one year from September 1, 1961, \$5,760 (10-24-61).

- HODGES, RALPH R., JR., Research Associate in Electrical Engineering (S), eleven months from October 1, 1961, \$6,800 a year, supersedes (10-20-61).
- HOFFMANN, RITA, Research Assistant in Biological Chemistry (Medicine), September 19, 1961-August 31, 1962, \$4,900 a year (10-10-61).
- HORNBEAK, HAROLD L., Associate Professor of Architectural Engineering, indefinite tenure from September 1, 1961, to render service during each academic year, \$10,800 a year, supersedes (10-10-61).
- HUNT, RICHARD H., Instructor in Architecture and Art (Chicago Undergraduate Division), academic year beginning September 1, 1961, \$5,500 (10-10-61).
- JOHNSON, ARTHUR L., Instructor in Music (Division of University Extension and College of Fine and Applied Arts), October 15, 1961-August 31, 1962, \$8,000 a year (10-7-61).
- JOHNSON, DICK H., Spectroscopist in Chemistry, one year from September 1, 1961, \$5,600 (10-10-61).
- JOHNSON, Keith E., Research Associate in Chemistry, one year from October 1, 1961, \$7,200 (10-20-61).
- JOHNSON, OLAF K., Clinical Instructor in Oral and Maxillofacial Surgery (Dentistry) and in Surgery (Medicine), $\frac{1}{3}$ time, one year from September 1, 1961, without salary (10-27-61).
- JONES, ROBERT A., Acquisition Assistant in the Library, seven months from February 1, 1962, \$450 a month, supersedes (10-10-61).
- JONES, ROBERT E., Lecturer in Psychology, with rank of Associate Professor, one year from September 1, 1961, without salary (10-20-61).
- JORDAN, LAURA J., Assistant Professor of Education (College of Education and Graduate College), one year from September 1, 1961, \$8,900, supersedes (10-10-61).
- JULIAN, JAMES W., Research Associate in Psychology, $\frac{3}{4}$ time, academic year beginning September 1, 1961, \$3,600 (10-10-61).
- KADANOFF, LEO P., Assistant Professor of Physics (C), December 15, 1961-August 31, 1962, to render service during the academic year, \$7,500 a year, supersedes (11-7-61).
- KAHANE, MRS. RENEE, Instructor in German, $\frac{2}{3}$ time, September 16, 1961-January 31, 1962, to render service during the first semester of the academic year, \$1,600 (10-10-61).
- KELLY, MRS. INGA K., Assistant Professor of Education, $\frac{9}{10}$ time, academic year beginning September 1, 1961, \$6,750, supersedes (10-27-61).
- KIMIZUKA, HIDEO, Research Associate in Psychiatry (Medicine), October 15, 1961-August 31, 1962, \$5,850 a year (11-7-61).
- KISE, JOHN A., Instructor in Engineering (Chicago Undergraduate Division), $\frac{3}{4}$ time, to render service during the first semester of the academic year, September 1, 1961-January 31, 1962, \$2,250 (10-20-61).
- KITAMURA, RYOZO, Research Associate in Psychiatry (Medicine), October 15, 1961-August 31, 1962, \$5,850 a year (11-7-61).
- KLEE, FLORENCE C., Instructor in Chemistry (Chicago Undergraduate Division), $\frac{1}{2}$ time, to render service during the first semester of the academic year, September 1, 1961-January 31, 1962, \$320 a month (10-11-61).
- KOLB, MRS. DOROTHY D., Assistant in English, $\frac{2}{3}$ time, \$296.33 a month (10-10-61), and in German, $\frac{1}{3}$ time, \$148.22 a month (10-2-61), September 16, 1961-January 31, 1962.
- KORNACKER, MILDRED, Instructor in Sociology (Chicago Undergraduate Division), $\frac{1}{3}$ time, academic year beginning September 1, 1961, \$1,867 (10-10-61).
- KRAMER, ELIZABETH B., Instructor in English (Chicago Undergraduate Division), academic year beginning September 1, 1961, \$5,400 (10-7-61).
- LASK, EMANUEL A., Research Associate in Education (College of Education and Graduate College), $\frac{1}{2}$ time, one year from September 1, 1961, \$3,750; this is in addition to his appointment as Assistant in Psychology on $\frac{1}{2}$ time (10-24-61).
- LEACH, JAMES L., Professor of Mechanical Engineering (C), indefinite tenure, to render service during each academic year, \$5,000 a year, and Assistant Coordinator for the College of Engineering, Office of Coordinator of International Programs (Provost's Office), academic year, \$5,000, from September 1, 1961, supersedes (10-26-61).

- LEBOVITS, BINYAMIN, Research Associate in Psychiatry (Medicine), $\frac{1}{4}$ time, eleven months from October 1, 1961, \$2,375 a year, supersedes (10-20-61).
- LEKAN, EUGENE C., Instructor in Oral and Maxillofacial Surgery (Dentistry), $\frac{1}{2}$ time, \$3,950 a year, and Clinical Instructor in Surgery (Medicine), without salary, eleven months from October 1, 1961, supersedes (10-20-61).
- LIBNOCH, JOSEPH A., Clinical Assistant in Medicine (Medicine), eleven months from October 1, 1961, without salary (11-7-61).
- LIDDLE, LARRY B., Assistant in Biological Sciences (Chicago Undergraduate Division), September 16, 1961-January 31, 1962, \$2,000 (10-14-61).
- LIEM, KAREL, Assistant, $\frac{1}{2}$ time, and Research Assistant, $\frac{1}{2}$ time, in Zoology, nine months from September 16, 1961, \$4,000, supersedes (11-1-61).
- LOHRER, ALICE, Associate Professor of Library Science, one year from September 1, 1961, \$11,500; and Associate Professor of Library Science, indefinite tenure from September 1, 1962, to render service during each academic year, \$9,000 a year, supersedes (10-9-61).
- LOVITZ, BERYL, Clinical Assistant in Medicine (Medicine), eleven months from October 1, 1961, without salary (10-25-61).
- LYON, RICHARD O., State Leader of 4-H Club Work with rank of Associate Professor Cooperative Extension Service, (E), indefinite tenure from October 1, 1961, \$11,150 a year, supersedes (10-20-61).
- MACDONALD, JOHN A., Clinical Instructor in Surgery (Medicine), $\frac{1}{3}$ time, to render service during the first semester of the academic year, September 19, 1961-February 28, 1962, \$200 a month (10-7-61).
- MARCUS, PHILIP S., Instructor in Mathematics (Chicago Undergraduate Division), to render service during the first semester of the academic year, September 1, 1961-January 31, 1962, \$2,400 (10-27-61).
- MASON, RALPH E., Associate Professor of Business Education, indefinite tenure from September 1, 1961, full time, \$9,600 a year (to render service during each academic year on $\frac{1}{2}$ time), supersedes (10-23-61).
- MCGEE, VICTOR E., Research Associate in the Bureau of Educational Research, one year from September 1, 1961, \$7,500 (10-10-61).
- MCMANUS, JOHN T., Assistant in Radiology (Medicine), one year from September 1, 1961, without salary (10-10-61).
- MEDAK, HERMAN, Associate Professor of Oral Pathology (Dentistry), $\frac{3}{4}$ time, indefinite tenure from October 1, 1961, \$6,000 a year, supersedes (10-10-61).
- MEERMAN, GERARDINE, Research Assistant in Chemistry, September 16, 1961-January 31, 1962, \$444.44 a month (10-11-61).
- MENDEL, GISELA, Research Associate in Psychiatry (Medicine), ten months from November 1, 1961, \$9,000 a year (11-7-61).
- MERMALL, HUNTER L., Research Assistant in Preventive Medicine (Medicine), ten months from November 1, 1961, \$6,700 a year, supersedes (10-27-61).
- MEUX, MILTON O., Research Assistant Professor of Education (Bureau of Educational Research), one year from September 1, 1961, \$8,500, supersedes (10-20-61).
- MILLER, EDWIN B., Clinical Assistant in Medicine (Medicine), eleven months from October 1, 1961, without salary (11-7-61).
- MORCH, ERNST T., Clinical Professor of Anesthesiology (Surgery) (Medicine), $\frac{1}{2}$ time, six months from July 1, 1961, \$600 a month, supersedes nonsalaried appointment (10-10-61).
- MORGAN, LEZLIE A., Research Assistant in the Coordinated Science Laboratory (C), September 18, 1961-August 31, 1962, \$4,900 a year (10-14-61).
- MOWAT, BRUCE, Instructor in Operative Dentistry (Dentistry), October 16, 1961-August 31, 1962, \$7,000 a year, supersedes (10-20-61).
- MURAYAMA, SATOSHI, Research Associate in Pharmacology (Medicine), one year from September 1, 1961, \$7,000 (10-10-61).
- NALBANDOV, OLGA G., Research Associate in Entomology, $\frac{1}{2}$ time, three months from October 1, 1961, \$300 a month (10-13-61).
- NEWMAN, JULIUS S., Clinical Instructor in Medicine (Medicine), one year from September 1, 1961, without salary (10-20-61).
- OPPERMANN, JUTTA, Assistant in Veterinary Pathology and Hygiene (Veterinary Medicine), ten months from November 1, 1961, \$4,900 a year (10-27-61).
- PENN, JOHN F., Editorial Assistant in the Engineering Experiment Station, eleven months from October 1, 1961, \$6,400 a year (10-27-61).

- PERELMUTER, SAMUEL, Instructor in Biological Sciences (Chicago Undergraduate Division), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$2,500 (10-7-61).
- PIRSIG, ROBERT M., Instructor in English (Chicago Undergraduate Division), academic year beginning September 1, 1961, \$5,400 (10-7-61).
- PITTS, M. HENRY, Assistant Professor of Psychology (Social Sciences), and Counselor, Student Counseling Service (Chicago Undergraduate Division), two years from September 1, 1961, \$9,200 a year, supersedes (10-17-61).
- POXON, MRS. NANCY J., Instructor in Mathematics, 83/100 time, to render service during the first semester of the academic year, September 1, 1961-February 28, 1962, \$375 a month (10-27-61).
- RITT, DONALD J., Clinical Assistant in Medicine (Medicine), one year from September 1, 1961, without salary (10-20-61).
- ROBBINS, ANITA, Instructor in Medicine (Medicine), $\frac{1}{2}$ time, October 1, 1961-February 28, 1962, \$383.33 a month, supersedes nonsalaried appointment (10-20-61).
- ROBINS MARY L., Assistant in English, September 16, 1961-January 31, 1962, \$444.44 a month (10-20-61).
- ROGGE, WILLIAM M., Research Assistant Professor of Education (University High School), nine months from October 1, 1961, to render service during the academic year, \$800 a month (10-11-61).
- ROSS, JUNE R. P., Research Associate in the State Geological Survey, one year from October 1, 1961, \$6,600 (10-10-61).
- RUMMEL, MARION L., Assistant in Mathematics (Chicago Undergraduate Division), nine months from September 16, 1961, \$4,400 (10-10-61).
- SALOMON, CARL, Research Associate in Orthopaedic Surgery (Medicine), seven months from November 1, 1961, without salary (11-7-61).
- SARLAS, SOPHIE H., Assistant in Literature and Fine Arts (Division of General Studies), nine months from September 16, 1961, \$4,000, supersedes (10-10-61).
- SCHACHT, SYLVIA N., Assistant in English, September 16, 1961-January 31, 1962, \$444.44 a month (10-10-61).
- SCHAEFER, ROBERT L., Extension Specialist in Music (Division of University Extension), ten months from November 1, 1961, \$7,920 a year (10-27-61).
- SCHILLER, MRS. ANITA R., Instructor in the Graduate School of Business Administration (Commerce and Business Administration), $\frac{1}{2}$ time, October 1, 1961-August 31, 1962, to render service during the academic year, \$2,360 (10-20-61).
- SCHMIDT, RUTH A., Assistant in Spanish, academic year beginning September 1, 1961, \$5,700 (10-10-61).
- SEARLE, MARILYN S., Assistant in Chemistry, nine months from September 16, 1961, \$4,400, supersedes (10-10-61).
- SINHA, SHYAMAL K., Associate Professor of Veterinary Physiology and Pharmacology (Veterinary Medicine), and Assistant Coordinator of International Cooperation Association Programs, one year from September 1, 1961, \$12,000 (10-10-61).
- SLAMA, LUCIEN P., Visiting Research Associate in Electrical Engineering (S), $\frac{1}{2}$ time, September 16, 1961-August 31, 1962, \$3,000, supersedes (10-10-61).
- SLOBKI, SHELDON J., Clinical Instructor in Medicine (Medicine), eight months from January 1, 1962, without salary (11-7-61).
- SMITH, ALEXANDER T., Clinical Instructor in Psychiatry (Medicine), $\frac{1}{4}$ time, October 1, 1961-June 30, 1962, \$208.33 a month, supersedes nonsalaried appointment (10-20-61).
- STARR, LAURENCE D., Special Associate Chemist in the State Geological Survey, eight months from November 1, 1961, \$9,120 a year (10-27-61).
- STILLWELL, MRS. RUTH, Assistant in English, September 16, 1961-January 31, 1962, \$444.44 a month (10-10-61).
- STRINGFELLOW, WILLIAM M., Instructor in Education (University High School), academic year beginning September 1, 1961, \$7,000, supersedes (10-24-61).
- SUESS, ALAN R., Assistant in Industrial Education, nine months from September 16, 1961, \$4,900, supersedes (10-20-61).
- SUNDARESAN, P. R., Research Associate in Radiocarbon Laboratory, one year from September 1, 1961, \$6,000 (10-14-61).
- SWANSON, MRS. JUDITH E., Research Assistant in Microbiology, November 20, 1961-August 31, 1962, \$4,900 a year (11-7-61).

- SYKES, JOHN, Visiting Lecturer in Chemistry, academic year beginning September 1, 1961, \$7,500 (10-20-61).
- TALBOT, GEORGE A., Lecturer in Sociology (Liberal Arts and Sciences), and in the Office of Instructional Television (Provost's Office), $\frac{2}{3}$ time, nine months from September 1, 1961, \$4,000 (10-10-61).
- TANG, CHIEN-HUI, Research Assistant in Electrical Engineering (S), one year from September 1, 1961, \$5,300, supersedes (10-10-61).
- TAYLOR, DONALD P., Assistant Professor of Nematology (Plant Pathology) (C and S), October 16, 1961-August 31, 1963, \$8,500 a year (10-7-61).
- THOMPSON, EDWARD C., Clinical Assistant Professor of Oral and Maxillofacial Surgery (Dentistry), one year from September 1, 1961, without salary (10-20-61).
- TREPTON, MARVIN O., Assistant in Radiology (Medicine), one year from September 1, 1961, without salary (10-10-61).
- TROTT, (MR.) BEVERLY D., Research Associate in Metallurgy (C), $\frac{1}{2}$ time, academic year beginning September 1, 1961, \$3,600, supersedes (10-23-61).
- ULANOWSKY, PAUL, Professor of Music, 55/100 time, indefinite tenure from September 1, 1961, to render service during each academic year, \$7,700 a year, supersedes (10-11-61).
- VESTLING, MRS. CHRISTINA M., Assistant in Library Science, ten months from November 1, 1961, \$5,400 a year, supersedes (11-7-61).
- VON HENTIG, ROLAND T., Assistant in Biological Sciences (Chicago Undergraduate Division), nine months from September 16, 1961, \$4,000 (10-20-61).
- WAH, THEIN, Associate Professor of Structural Engineering (Civil Engineering), in the International Cooperation Association Programs, one year from September 1, 1961, \$14,500; this appointment is for services under Contract ICAC-1220 at the Indian Institute of Technology, Kharagpur, West Bengal, India, supersedes (10-24-61).
- WALGREN, HAROLD N., Assistant in Radiology (Medicine), one year from September 1, 1961, without salary (10-10-61).
- WATRACH, MRS. MARIAN N., Research Associate in Veterinary Pathology and Hygiene (Veterinary Medicine), $\frac{4}{5}$ time, eleven months from October 1, 1961, \$5,760 a year (10-10-61).
- WEAVER, JOANNE L., Assistant in Veterinary Pathology and Hygiene (Veterinary Medicine), eleven months from October 1, 1961, \$4,900 a year (10-20-61).
- WEBER, EVELYN J., Research Associate in Chemistry, October 16, 1961-August 31, 1962, \$6,100 a year (10-20-61).
- WILCZEWSKA, IZABELLA M., Research Assistant in Microbiology, eleven months from October 1, 1961, \$4,900 a year (10-20-61).
- WILEY, ROGER G., Assistant in Verbal Communication (Division of General Studies), nine months from September 16, 1961, \$4,000, supersedes (10-10-61).
- WILSON, ROBERT, Registered Pharmacist in Hospital Pharmacy (Pharmacy), ten months from November 1, 1961, \$7,000 a year (11-8-61).
- ZEITLIN, MURIEL E., Instructor in Physical Sciences (Chicago Undergraduate Division), $\frac{1}{2}$ time, to render service during the first semester of the academic year, September 1, 1961-January 31, 1962, \$870 (10-7-61).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- BELGUM, DAVID, Lilly Foundation Endowment Fellow in Psychology, nine months from September 16, 1961, \$2,700 (9-27-61).
- BOARDMAN, MARY S., Special Fellow in Social Work, nine months from September 16, 1961, \$1,800 (9-25-61).
- BRILL, WINSTON J., United States Public Health Fellow (Trainee) in Microbiology, one year from September 1, 1961, \$3,200 (9-20-61).
- COVERDALE, CHARLES E., Teaching Fellow in Chemistry, nine months from September 16, 1961, \$1,400, supersedes (10-3-61).
- DUNDAS, IAN E. D., United States Public Health Service Fellow (Trainee) in Microbiology, eleven months from October 1, 1961, \$1,650 (10-11-61).
- HAMILTON, WILLIAM A., Postdoctoral Fellow in Chemistry, one year from September 1, 1961, \$5,850, supersedes (10-10-61).

- HOUGHENS, ALBERT F., Alfred P. Sloan Faculty Development Fellow in Mechanical Engineering, nine months from September 16, 1961, \$2,400, supersedes (10-11-61).
- JACKSON, MAURICE P., Lilly Foundation Endowment Fellow in Psychology, nine months from September 16, 1961, \$2,700 (9-27-61).
- KENTNER, DELMAR E., Fellow (Intern) in Government and Public Affairs, eleven months from September 1, 1961, \$2,475, supersedes (10-19-61).
- KILLPATRICK, D. H., Olin Mathieson Company Fellow in Metallurgy, September 16-November 30, 1961, \$600 (10-5-61).
- LAHEY, JAMES M., General Electric Foundation Teaching Fellow in Accountancy, nine months from September 16, 1961, \$1,000 (10-18-61).
- LEE, JOSEPH, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from November 1, 1961, \$600 (10-31-61).
- LONG, WILLIAM H., Teaching Fellow in Geography, nine months from September 16, 1961, \$1,000, supersedes (9-25-61).
- MEYEROVITZ, ROBERT, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from October 1, 1961, \$540 (9-27-61).
- NOZU, KEIICHI, Postdoctoral Fellow (Trainee) in Microbiology, one year from November 1, 1961, \$6,700 (10-7-61).
- PAGE, RICHARD F., General Electric Foundation Teaching Fellow in Accountancy, nine months from September 16, 1961, \$1,000 (10-17-61).
- PALMER, RICHARD A., Teaching Fellow in Chemistry, September 16, 1961-January 31, 1962, \$700, supersedes; and February 1-June 15, 1962, \$825, supersedes (10-5-61).
- PARKS, JOE M., United States Public Health Postdoctoral Fellow in Chemistry, one year from September 1, 1961, \$7,800 (10-10-61).
- PIERCE, CAROL R., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1961, \$2,000 (10-4-61).
- SOLOMON, MRS. BRENDA, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from October 1, 1961, \$540 (10-2-61).
- STEINHARDT, MARY-DELL M., Teaching Fellow in Chemistry, nine months from September 16, 1961, \$1,400, supersedes (10-3-61).
- STROMFELD, ROBERT, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), ten months from November 1, 1961, \$2,300 (10-26-61).
- VICTOR, THOMAS, United States Public Health Service Part-time Medical Student Fellow (Chicago Professional Colleges), nine months from October 1, 1961, \$600 (10-27-61).
- WOLD, FINN, National Institutes of Health Senior Postdoctoral Fellow in Chemistry, one year from September 1, 1961, \$9,000 (10-20-61).
- YANKOVSKY, SAUL A., United States Public Health Fellow (Trainee) in Microbiology, one year from September 1, 1961, \$2,667, supersedes (10-6-61).

RESIGNATIONS. CANCELLATIONS. AND DECLINATIONS

- BOUB, WILLIAM D., Instructor in Business Management—resignation effective November 1, 1961.
- BURNS, RICHARD O., United States Public Health Service Fellow (Trainee) in Microbiology—resignation effective November 1, 1961.
- CHANNAPRAGADA, MRS. CLAUDE, Assistant Supervisor of Testing, Student Counseling Service—resignation effective November 7, 1961.
- CLOSE, PATRICIA A., Assistant Extension Editor in Agriculture, with rank of Instructor—resignation effective October 1, 1961.
- FLARSHHEIM, ALFRED, Clinical Assistant Professor of Psychiatry (Medicine)—resignation effective September 1, 1961.
- FLERCHINGER, FRANCIS H., Assistant Director, Systems and Program Development, Statistical Service Unit—resignation effective December 1, 1961.
- FOULKS, FREDERICKA L., Instructor in Occupational Therapy (Medicine)—resignation effective December 29, 1961.
- FRYE, CHARLES, Assistant in Radiology (Medicine)—resignation effective September 1, 1961.

- GERENCSEK, V. F., Instructor in Microbiology (Medicine) — declination effective September 1, 1961.
- GIACHETTO, MARJORIE R., Assistant in Chemistry — resignation effective November 1, 1961.
- GREENEISEN, JON F., Instructor in Journalism and in Agricultural Communications and Journalism — resignation effective October 16, 1961.
- HAASE, ERNST, Clinical Assistant Professor of Neurology — resignation effective October 10, 1961.
- HAMILTON, WILLIAM A., Research Associate in Chemistry — resignation effective September 1, 1961.
- HEPLER, ROGER W., Assistant Professor of Vegetable Crops (Horticulture) — resignation effective December 16, 1961.
- JOHNSTON, PATRICIA V., Assistant Professor of Food Technology — resignation effective January 1, 1962.
- KAEBERLE, MERLIN L., United States Public Health Fellow (Trainee) in Veterinary Medical Science — resignation effective September 1, 1961.
- KANDA, IWAO, Pediatrics Resident Physician in the Division of Services for Crippled Children (Chicago Professional Colleges) — cancellation effective September 1, 1961.
- KELLS, HERBERT R., Research Associate in Dairy Science — resignation effective November 29, 1961.
- KITAHARA, MICHIO, Fellow in Anthropology — resignation effective November 4, 1961.
- LEAVY, JOHN M., United States Public Health Service Fellow (Trainee) in Psychology — resignation effective September 16, 1961.
- LEWIS, MRS. ORDA S., National Science Foundation Mathematics Institute Fellow in Mathematics — resignation effective September 16, 1961.
- MANGALO, RAYMOND, Research Associate in Microbiology — declination effective September 1, 1961.
- MANTIONE, MARY E., Assistant in Anesthesiology (Surgery) (Medicine) — resignation effective September 1, 1961.
- MUNO, FRANK J., Registered Pharmacist in Manufacturing Pharmacy (Pharmacy) — resignation effective November 1, 1961.
- PARROTT, JOHN C., Instructor in Surgery (Medicine) — resignation effective July 1, 1961.
- O'CONNELL, WILLIAM, Research Associate in Biological Chemistry (Medicine) — resignation effective November 17, 1961.
- RAO, V. SESHAGIRI, United States Public Health Service Fellow (Trainee) in Animal Science — resignation effective November 1, 1961.
- RAPS, SHIRLEY, United States Public Health Service Fellow (Trainee) in Microbiology — resignation effective November 1, 1961.
- REILLY, JAMES R., Instructor in Veterinary Pathology and Hygiene (Veterinary Medicine) — cancellation effective March 1, 1961.
- RIKER, WILLIAM L., Clinical Assistant Professor of Surgery (Medicine) — resignation effective October 1, 1961.
- ROBINSON, WILFRED K., Assistant in the Institute of Aviation — resignation effective November 9, 1961.
- SAWCZYN, EUGENE, Physician in the Health Service (Chicago Professional Colleges) — resignation effective November 5, 1961.
- SHAKOW, DAVID, Lecturer in Psychiatry, with rank of Professor (Medicine) — resignation effective September 1, 1961.
- SLONIGER, CARL R., Assistant in Physical Education for Men — resignation effective October 14, 1961.
- STEWART, ROBERT L., Clinical Assistant Professor of Psychiatry (Medicine) — resignation effective September 1, 1961.
- TUCKER, ROSS N., Assistant Professor of Metallurgical Engineering — resignation effective October 16, 1961.
- VOGEL, WADE W., Assistant in the Institute of Aviation — resignation effective November 5, 1961.
- WANG, MAW S., Research Associate in Soil Chemistry (Agronomy) — resignation effective December 1, 1961.
- WILK, KENNETH E., Research Assistant in the State Water Survey — resignation effective November 1, 1961.

WINCHELL, H. H. FORSYTH, Instructor in Radiology (Medicine) — resignation effective August 31, 1961.

YANKOVSKY, SAUL A., Research Assistant in Microbiology — declination effective September 1, 1961.

LEAVES OF ABSENCE

BARTLE, ROBERT G., Associate Professor of Mathematics — continuation of leave of absence, so that he may continue his work at the University of California during the second semester of 1961-62 under a grant from the National Science Foundation.

BECKER, WESLEY C., Associate Professor of Psychology — sabbatical leave of absence for the academic year 1961-62, on one-half pay.

BURKHOLDER, DONALD L., Associate Professor of Mathematical Statistics — continuation of leave of absence, for the second semester of the academic year 1961-62, for research work at the University of California under a grant from the National Science Foundation.

DICKASON, DONALD E., Director of Nonacademic Personnel — leave of absence on account of disability for an indefinite period beginning September 15, 1961, without pay.

GRIEBLE, HANS G., Instructor in Medicine, in the College of Medicine — leave of absence, without pay, for one year from September 1, 1961, so that he may devote this time to study and research at the Pasteur Institute in Paris under a United States Public Health Service Fellowship.

HERUM, FLOYD L., Assistant Professor of Agricultural Engineering, in the Extension Service in Agriculture and Home Economics and in the Agricultural Experiment Station — leave of absence for one year beginning September 1, 1961, without salary.

HULSIZER, ROBERT I., JR., Professor of Physics, in the College of Engineering — extension of leave of absence for the second semester of the academic year 1961-62, without salary, so that he may continue with his work in the Radiation Laboratory at the University of California.

MASON, RALPH E., Assistant Professor of Business Education — leave of absence, without pay, on $\frac{1}{3}$ time, for nine months beginning October 1, 1961, so that he may serve on the Board of Vocational Education for the state of Illinois.

MCNEIL, EDWARD B., Professor of Physics, in the Chicago Undergraduate Division — leave of absence, with $\frac{7}{8}$ time pay, beginning September 1, 1961, and continuing through February 28, 1962.

SCHAEFFLER, MRS. JOAN M., Instructor in Veterinary Pathology and Hygiene, in the College of Veterinary Medicine, and in Veterinary Research, in the Agricultural Experiment Station — leave of absence, without pay, beginning September 21, 1961, and continuing through November 15, 1961.

WADE, BEATRICE D., Associate Professor of Occupational Therapy and Head of the Department, in the College of Medicine — leave of absence, without pay, for two months beginning May 1, 1962.

WARRICK, ELVIN S., Mathematics Librarian in the Library, with rank of Instructor — disability leave of absence, with full pay, from August 1 through November 30, 1961.

WOLD, FINN, Assistant Professor of Biological Chemistry — additional leave of absence, without pay, for a five-year period, from September 1, 1961, through August 31, 1966, so that he may continue his research work under a National Institutes of Health Senior Fellowship.

CANCELLATION OF LEAVE OF ABSENCE

LOHRER, ALICE, Associate Professor of Library Science — cancellation of leave of absence from September 1, 1961, through August 31, 1962.

RETIREMENT

HERMAN, CHARLES E., Superintendent of University Print Shop, *Emeritus*, effective September 1, 1961.

DECEMBER AND JANUARY MEETINGS

The Board has previously voted to hold its December, 1961, meeting in Chicago on Tuesday, December 19, and has accepted an invitation

from Mr. C. W. Weldon, Treasurer, to meet in the executive offices of the First National Bank of Chicago.

President Williamson asked the Board if it desires to change the date of the January, 1962, meeting.

On motion of Mrs. Watkins, the Board voted to hold its January, 1962, meeting on Thursday, January 11, in Urbana.

RESOLUTION ON FOOTBALL TEAM

Mr. Clement offered a resolution of tribute and appreciation to the 1961 Varsity Football Team and to its coaching staff.

This resolution was adopted and a copy filed with the Secretary.

STATE OF ILLINOIS FLAG

Mr. Dilliard asked that consideration be given by University officers to flying the state of Illinois flag daily, along with the national colors, in appropriate campus areas.

EXECUTIVE SESSION AND RECESS

President Williamson announced that an Executive Session had been requested, and was being ordered, to be held after luncheon, for consideration of property transactions and patentable inventions which involve federal agencies.

He also stated that today's meeting offers an unusually good opportunity for the Board of Trustees to inspect the Assembly Hall, due to its present stage of construction and because its architect, Mr. Max Abramovitz, is here. The inspection was held after luncheon.

On motion of Mrs. Watkins, the Board recessed.

GUESTS OF THE BOARD AT LUNCHEON

The officers (Executive Committee) of the Student Senate at Urbana-Champaign were guests of the Board at luncheon and were introduced.

Dean King J. McCristal of the College of Physical Education was also a guest, was introduced, and addressed the Board briefly on the state of the College.

Mr. Thomas P. Parkinson, Director of the Assembly Hall, was also a guest and was introduced.

When the Board convened after luncheon the same members, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(1) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendations relating to inventions by members of the staff.

1. Avalanche transistor circuit — William Michael Henebry, Electronics Engineer, Department of Physics, inventor. This device is a transistor circuit that permits the use of an avalanche transistor under high duty-cycle conditions.

The Associate Head of the Department of Physics, in which this was developed, has considerable doubt that the device is patentable and, therefore, recommends that the rights of the University be released to the sponsoring agency, the United States Navy. The Patent Committee concurs.

2. Signal amplitude limiting and phase quantization in antenna systems — Donald Lester Bitzer, Research Assistant Professor in the Coordinated Science Laboratory, inventor. The novel aspects of this scheme are quantizing of the signal phase to a discrete phase level, application of this scheme to coherent radar

in synthesizing long antennas, and incorporation of electronic steering of the beam pattern using quantized phase level.

The Director of the Coordinated Science Laboratory is of the opinion that this invention offers little possibility of commercial development but has good probabilities of definite military application; therefore, he recommends that the rights be released to the sponsoring agency, the United States Army Signal Corps. The Patent Committee concurs.

3. Dynamic cross-field electron multiplier — Don F. Holshouser, Associate Professor in Electrical Engineering, inventor. On December 21, 1960, the Board of Trustees approved release of this invention to the University of Illinois Foundation for further development and patent application; application for a patent has now been made. It is recommended that 15 per cent of any income from a patent, if issued, after deducting the expenses of the Foundation, be paid to the inventor.

4. Mulch planting method and device — Roger R. Yoerger, Professor of Agricultural Engineering, and Loren Boppert, student, inventors. This invention consists of a planter that is mounted as an integral unit on the mulch-laying machine with a rotating wheel that follows on the mulch and automatically pierces the mulch, drops the seed into the soil, and covers the seed by firming the soil around it.

Study has indicated that it is desirable to apply for a patent, and it is recommended that the rights of the University in this invention be transferred to the University of Illinois Foundation for further development and possible patent application.

5. Polymers containing recurring thiazole units — Carl S. Marvel, formerly Research Professor of Organic Chemistry, and James E. Mulvaney, formerly Research Associate in Chemistry, inventors. This invention is a synthesis, which can be cast into films, involving condensation of bis-thiolamides and bis-bromomethyl ketones.

Study has indicated that it is desirable to apply for a patent; therefore, it is recommended that the rights of the University in this invention be transferred to the University of Illinois Foundation for further development and possible patent application, with due recognition of the contractual rights of the sponsoring agency, the United States Air Force.

6. Remotely controlled spray head for varying spray swath width — Beverly Jack Butler, Assistant Professor of Agricultural Engineering, inventor. The remotely controlled spray head varies the width of swath by the covering and uncovering of individual passages to separate commercial nozzles, each of which sprays a specific portion of the total width of swath. The nozzle spray angle, position, and output are selected to give even distribution.

It is recommended that the rights of the University in this invention be released to the University of Illinois Foundation for further development and possible patent application.

7. Polyborimadazolines — Carl S. Marvel, formerly Research Professor of Organic Chemistry, and James E. Mulvaney, formerly Research Associate in Chemistry, inventors. A new thermally stable polymer prepared by the melt condensation of 3,3'-diaminobenzidine and tetra-*n*-butyl benzene-1,4-diboronate.

It is recommended that the rights of the University in this invention be released to the University of Illinois Foundation for possible patent application, with due recognition of the contractual rights of the sponsoring agency, the United States Air Force.

8. Edible carbohydrate coating for foods — Lyle Allen, Assistant in Food Technology, and Alvin I. Nelson, Professor of Food Processing, inventors. This invention relates to the development of an edible, pliable, tough, and protective coating for various food products. The coating is composed of sodium alginate and corn starch; microbial inhibitors, antioxidants, and flavors can be added to the coating. It reduces or practically eliminates moisture loss and in many instances preserves the quality of the food product.

This development was referred to the University of Illinois Foundation and its patent attorney for study. The Foundation consulted with the Corn Industries Research Foundation, the sponsoring agency; and it was the consensus that this invention probably is not patentable. The Patent Committee concurs; and accordingly, it is recommended that the rights of the University in this invention be released to the inventors.

9. Electrostatically operated switch — Paul Ernest Weston, Research Assistant in Electrical Engineering, inventor. This invention is an electrostatically operated switch suitable to replace many functions of the common electromagnetic relay, but requiring very much less control power, and for this reason is adaptable to many useful situations in which existing electrically controlled switches fail due to lack of power sensitivity.

It is recommended that the rights of the University in this invention be released to the University of Illinois Foundation for patent application, with due recognition of the contractual rights of the sponsoring agency, the United States Navy.

10. Size-indicating, object-enumerating logic network — Paul Ernest Weston, Research Assistant in Electrical Engineering, inventor. This device counts the number of dark objects in a transparent field. It is thought that it has novelty in being a repetitive network performing this counting function, with invariances.

It is recommended that the rights of the University in this invention be released to the University of Illinois Foundation for development and patent application, with due recognition of the contractual rights of the sponsoring agency, the United States Navy.

I concur.

On motion of Mr. Clement, the foregoing recommendations were approved.

ACQUISITION OF PROPERTY FROM MR. AND MRS. CHARLES J. MERRIAM

(2) Mr. and Mrs. Charles J. Merriam are considering a gift to the University of one-half of the stock in their Wisconsin corporation, Pine Tree Farms, Inc., such gift to be made over a period of approximately five years. The other one-half of the stock in the corporation will be given to the Chicago Council of the Boy Scouts of America over the same period of time. The corporation owns real estate in Waushara, Marquette, and Adams Counties in Wisconsin, and certain tangible personal property located thereon. Some of these properties will be transferred by the corporation in advance of the gifts of the stock.

The Merriams are willing to make such gifts only if the donees will currently assume the responsibility of management, maintenance, and care of the properties, the annual cost of which is presently estimated at \$5,000. The Chicago Council of Boy Scouts is willing to undertake such obligations during the period in which the gifts are to be made, provided that the University or the Foundation will agree to pay one-half the net losses, if any, which the Council may incur by reason thereof. When all the stock has been given to the University and the Chicago Council of Boy Scouts, it is contemplated that Pine Tree Farms, Inc., will be dissolved and its property distributed in liquidation to the University and the Scouts. Agreement has been reached as to the property to be distributed to each. The University will then sell the real estate it receives.

The Foundation is willing to assist the University in procuring this gift by contracting to pay the Boy Scouts one-half of the net losses, if any, of the Scouts under the management contract during the gift period, provided the University will agree to reimburse the Foundation therefor out of the dollar proceeds which the University receives on the disposition of the property obtained through the Merriam gift. Such an arrangement between the University and the Foundation would not involve the expenditure of any state-appropriated funds.

The Vice-President and Comptroller recommends that the Board authorize an arrangement with the Foundation whereby the University will agree to reimburse the Foundation for expenses which it may incur in so procuring the gift from the Merriams, such reimbursement to be made only as, if, and when the Merriams' stock gift is converted to money, and such reimbursement to be payable only out of, and not in excess of, the money so obtained. The Legal Counsel has approved the recommendation.

I concur.

On motion of Mr. Swain, acceptance of this offer, in accordance with the terms and conditions recommended, was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr

Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

BEQUEST OF MARY C. McLELLAN

(3) In her will (as recorded in the minutes of January 27, 1940), the late Mary C. McLellan, Class of 1888, left the remainder of her estate to the University of Illinois for the purchase of art objects and/or the establishment of a traveling scholarship in art. There was also a provision in her will in which her residence property at 706 West Park Avenue, Champaign, was left to Birdie M. Nash for life, and upon the death of the life tenant the remainder interest in the property was given to Mrs. Nash's daughter, now Mrs. Lois Nash Dickson. The will contained a provision that if Mrs. Dickson were not living at the time of the death of her mother, the real estate should be sold and the proceeds given to the University.

Mrs. Nash is now seventy-eight years old, has moved from the nine-room house into an apartment, and does not wish to live in the McLellan house again. She would have the right to rent the house, but since no improvements have been made for a number of years, considerable expense would be involved, and she does not wish to assume the management responsibilities. Both Mrs. Nash and her daughter feel that it would be to the best interests of all concerned if the property could be sold. An offer of \$14,000 has been received from Thomas R. and Suzanne Bryant Skaggs. The price is in line with the appraised value and is acceptable to Mrs. Nash and Mrs. Dickson. The Vice-President and Comptroller and the Legal Counsel recommend that the Board of Trustees consent to the sale of the property for \$14,000 on the following conditions: that Mrs. Nash, Mrs. Dickson, and the University enter into an agreement to place the proceeds of the sale in trust in a local bank, the income from the trust to be paid to Mrs. Nash during her lifetime; that if Mrs. Dickson survives Mrs. Nash, the principal of the trust fund so created will be paid by the Trustee to Mrs. Dickson; and that in the event Mrs. Dickson predeceases her mother the principal of the trust fund will be turned over to the University upon the death of Mrs. Nash.

I concur, and recommend adoption of the following resolution:

Resolution

WHEREAS, under the provisions of the Will of Mary C. McLellan, Deceased, the hereinafter-described property located at 706 West Park Street, Champaign, Illinois, was devised to Mrs. Birdie M. Nash to have, hold, use, and enjoy the same so long as she shall live; and upon the death of the said Mrs. Birdie M. Nash said property was devised to her daughter, Mrs. Lois Nash Dickson, if then living; provided that if Mrs. Lois Nash Dickson should die prior to the date of the death of her mother, said property should be converted into cash and the funds derived therefrom devoted by The Board of Trustees of the University of Illinois to the purchase of objects of art for the Art Department of the University of Illinois and/or the establishment of a traveling scholarship in said Art Department to be known as the "Mary C. McLellan Scholarship"; and

WHEREAS, said Mrs. Birdie M. Nash and Mrs. Lois Nash Dickson desire to sell said property and it is deemed to be in the best interest of all concerned that said property be sold at this time and the proceeds derived therefrom placed in trust with the First National Bank in Champaign, a national banking association, organized and existing under and by virtue of the laws of the United States of America and doing business and having its principal office at 30 Main Street, in the City of Champaign, County of Champaign, and State of Illinois, or other local corporate trustee and the income derived from said trust fund be paid to said Mrs. Birdie M. Nash during her lifetime and upon her death the proceeds of said trust fund be paid to said Mrs. Lois Nash Dickson, if she be then living, and if she should not be then living, be paid to The Board of Trustees of the University of Illinois to be devoted by it to the purposes set forth in said Will; and

WHEREAS, Dr. Thomas R. Skaggs and Mrs. Suzanne Bryant Skaggs, husband and wife, have offered to purchase said property for the sum of Fourteen Thousand Dollars (\$14,000);

Now, Therefore, Be It And It Hereby Is Resolved, by this Board of Trustees

of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this Corporation be, and they hereby are, authorized and directed, to execute, acknowledge, and deliver in the name of, and in behalf of, this Corporation, and under its Corporate Seal, a Quit-Claim Deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to Dr. Thomas R. Skaggs and Mrs. Suzanne Bryant Skaggs, husband and wife, all right, title, and interest this Corporation may have in or to the following-described property, viz.:

Beginning at a point Twelve (12) rods West of the Southwest corner of Lot Six (6) in Block One (1) of McLaurie, Leal and Cloke's Addition to the City of Champaign, Illinois, thence North One Hundred Twenty-four (124) feet, more or less, to an alley, thence West Sixty-seven (67) feet, thence South to the North line of Park Avenue, thence East on the North line of Park Avenue to the place of beginning, situated in the County of Champaign and State of Illinois.

Be It And It Hereby Is Further Resolved that said Comptroller and Secretary of this Corporation be, and they hereby are, authorized and directed to enter into a trust agreement in the name, and in behalf of, this Corporation and to execute such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to place the proceeds from the sale, after deduction for the costs of a title policy, appraisal, federal documentary tax stamps, attorney's fees, abstracting and recording costs, and other expenses usually incident to a sale, in trust with the First National Bank in Champaign, a national banking association, organized and existing under and by virtue of the laws of the United States of America and doing business and having its principal office at 30 Main Street, in the City of Champaign, County of Champaign, and State of Illinois, or other local corporate trustee, under an agreement whereby the income of the corpus of the trust shall be paid to Mrs. Birdie M. Nash during her lifetime, and upon her death the corpus of the trust shall be distributed to Mrs. Lois Nash Dickson, if she then be living, and if she should not then be living, to this Corporation in accordance with the provisions of the Will of Mary C. McLellan, Deceased.

On motion of Mr. Clement, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner.

ANNUAL MEETING

Some of the Trustees stated that they would be unable to attend the next annual meeting if held on the second Tuesday of March as provided in the Bylaws.

On motion of Mrs. Watkins, the Board voted to change the date of the 1962 annual meeting from Tuesday, March 13, to Thursday, March 15, to be held in Urbana. There were no dissenting votes.

It was the consensus of the Board that no changes be made in the dates of the other meetings following March and during the first half of the calendar year 1962. Accordingly, these meetings will be held on the third Wednesdays as provided in the Bylaws: February 21 and April 18 (in Chicago), May 16 and June 20 (in Urbana).

On motion of Mr. Pogue, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

December 19, 1961



The December meeting of the Board of Trustees of the University of Illinois was held in the Executive Offices of the First National Bank of Chicago, 38 South Dearborn Street, Chicago, Illinois, on Tuesday, December 19, 1961, beginning at 10:30 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Governor Otto Kerner was absent. Mr. Richard A. Harewood was not present when the Board convened but joined the meeting later.

Also present were President David D. Henry, Executive Vice-President and Provost Lyle H. Lanier, Dr. Joseph S. Begando, Vice-President in charge of University of Illinois at the Medical Center, Chicago, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. James J. Costello, Legal Counsel, Mr. V. L. Kretschmer, Director of Auxiliary Services; and the officers of the Board, Mr. C. W. Weldon, Treasurer, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
ARTHUR HAROLD ADELMAN	Chicago, Illinois	District of Columbia
GLENN JOSEPH HARTUNG	Platteville, Wisconsin	Wisconsin
JOHN THEODORE JOHNSON	Elmhurst, Illinois	District of Columbia
EDWARD CHARLES KREBS	Mount Prospect, Illinois	District of Columbia
FRANCIS LIGHTFOOT	Terre Haute, Indiana	Indiana
PHILIP COTTLE PRESTON	Wheaton, Illinois	Colorado
JOE RICHARD SMALL	Edwardsville, Illinois	Kansas
DONALD BURTON STARR	Chicago, Illinois	District of Columbia

I concur.

On motion of Mr. Johnston, these certificates were awarded.

APPOINTMENTS TO THE FACULTY

(2) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. WERNER R. FLEISCHER, Clinical Assistant Professor of Pathology, College of Medicine, beginning November 1, 1961, without salary (DY).
2. WILLIAM J. GILLESBY, Clinical Assistant Professor of Surgery, College of Medicine, beginning November 1, 1961, without salary (DY).
3. HERBERT GOLDHOR, Professor of Library Science and Associate Director of the Graduate School of Library Science, beginning January 1, 1962, at an annual salary of \$15,400 (AY, BY).
4. HOWARD KARP, Assistant Professor of Music, beginning September 1, 1962, at an annual salary of \$8,800 (D).
5. JACK H. PARKER, Visiting Professor in the Department of Spanish and Italian, for the second semester, 1961-62, at a salary of \$7,500 (E).
6. GLENDA LUCILLE PIFER, Assistant Professor of Home Economics Extension, beginning November 15, 1961, at an annual salary of \$8,200 (DY).

On motion of Mr. Swain, these appointments were confirmed.

TUITION WAIVERS

(3) The Executive Vice-President and Provost recommends the authorization of up to thirty-five tuition waivers each semester to be assigned to new or continuing undergraduate students who satisfy the Dean of Admissions and Records that they are now qualified, and will, at the end of the current semester or current school year, be candidates for regular scholarships or grants-in-aid. The waivers are to be awarded by the Dean of Admissions and Records to avoid injustice or inequity, or in hardship situations, to students who might be forced to remain out of the University if this assistance should not be provided. Such waivers would be for one semester or one year and no student would be eligible for more than two semesters waiver of tuition.

I concur.

On motion of Mr. Pogue, this recommendation was approved.

STUDENT LOAN FUNDS

(4) For a number of years applications for student loans at both the Urbana campus and the Chicago campuses of the University have exceeded funds avail-

able for this purpose, and it has been necessary to reduce most applications and in some cases to fail to make the loan because of insufficient funds. This is in spite of \$250,000 which has been received each year from the federal government under the National Defense Education Act. Attempts have been made to find new sources of funds to be used for this purpose.

At the Urbana and Chicago campuses, student organization funds are combined into single accounts for proper administration. The Code on Undergraduate Student Affairs and Regulations Governing the Chicago Organizations Fund allow the Executive Boards of these funds to invest cash balances of the funds over and above the working balances required. At the present time \$105,000 is so invested in Urbana and \$68,000 in Chicago. It has been found that a substantial portion of these investments are semipermanent in character since student organization funds balances remain large at all times.

The Dean of Students at the Urbana campus and the Business Manager at the Chicago Professional Colleges have suggested that a portion of the funds thus invested be made available for loans to students. In order to accomplish this, the Code on Student Affairs at the Urbana campus has been revised to permit the investment of such unused balances in student loans. This change has been approved in meetings of the individual organizations participating in the funds and by the Executive Board of the fund. It has also been approved by the Committee on Student Affairs. Meetings soon will be held at the Chicago campus for the purpose of obtaining approval of a change in the Regulations identical to the change in the Code on Student Affairs permitting investment in student loans.

Under the proposal approved balances available would be transferred to the University, which would act as the agent of the Student Organizations Fund and the Chicago Organizations Fund and loaned to students under the same policies as our other loan funds of the University. Interest received on such loans would be turned back to the Student Organizations Fund and the Chicago Organizations Fund, and, if at any time the Executive Board of either body requests that the principal amounts be returned, this would be done as notes are liquidated or otherwise converted into cash by the University.

Inasmuch as such an arrangement would result in some loss of income to the Student Organizations Fund and the Chicago Organizations Fund because interest does not commence to accrue on loans until after the student leaves school, it is being recommended that the charge ordinarily made by the University against the funds for bookkeeping services be discontinued with the result that the Organizations Funds should suffer little or no loss on account of this change. If there are losses by failure to collect loans thus made, the Organizations Funds will accept them, since the University is acting only as the agent of the funds in making these loans. It should be pointed out that under the General Rules Concerning University Organization and Procedure, Section 11(i), student organizations funds must be kept apart from University funds, and no liability may be created on the part of the Board of Trustees.

Approval of the acceptance and administration of these funds for loan purposes to be administered in accordance with the established policies of the University and discontinuance of the charge for bookkeeping services heretofore assessed against the Student Organizations Fund at the Urbana campus is recommended by the Vice-President and Comptroller and by the Dean of Students. Appropriate documents setting forth the arrangements between the Student Organizations Fund and the University will be prepared and executed. These arrangements have been approved by the Legal Counsel.

Inasmuch as meetings on the Chicago campus have not as yet been held, approval in principle is also requested for identical arrangements between the Chicago Organizations Fund and the University.

I concur.

On motion of Mrs. Watkins, this recommendation was approved, and authority was given as requested.

USE OF UNIVERSITY FACILITIES BY CANDIDATES FOR PUBLIC OFFICE

(5) Two years ago the Board of Trustees approved the following resolution which had been passed by the Urbana-Champaign Senate and recommended by the President of the University:

That the Urbana-Champaign Senate of the University of Illinois favors the use, on a trial basis, of University buildings, grounds, and facilities by candidates for nomination or election to statewide or national offices for the academic years 1959-60 and 1960-61 subject, at the end of this period, to review, revision, or repeal by the Board of Trustees.

This authorization is applicable to another campus of the University only with the concurrence of its Senate.

The Board of Trustees also authorized the President to promulgate appropriate rules and regulations consistent with those governing the appearance of other speakers on the campus and consistent with the educational objectives of the University.

This practice has worked out satisfactorily and I recommend that it be continued.

On motion of Mr. Hughes, this recommendation was approved, but by a divided vote, a show of hands indicating a vote of seven for and two opposed.

EMPLOYMENT OF ARCHITECTS

(6) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of contracts for outside architectural services for the following assignments and on the terms indicated:

Addition to the Administration Building — John Sweetnam, associated with the firm of Spangler, Beall, Salogga, and Bradley, Decatur, on the basis of a fee of $5\frac{1}{4}$ per cent of construction contracts, less an allowance of \$1,000 for previously completed studies.

Addition to University Press Building — Simon and Rettberg, Champaign, on the basis of the standard fee of 6 per cent of the construction costs.

Remodeling in Armory — Clark, Daily, and Dietz, Urbana, at a fee of 6 per cent of construction costs.

Addition to Digital Computer Laboratory — A. Epstein and Sons, Inc., Chicago, on the basis of a fee of $5\frac{1}{4}$ per cent of total construction contracts, the firm's supervisory services to be limited to office supervision, checking of drawings, approval of materials, and periodic visits to the project.

Funds are available in the state capital appropriations from the Universities Building Fund for the first three projects and in an assignment from Indirect Costs for the Digital Computer Laboratory Addition.

The Committee on Buildings and Grounds has previously considered these recommendations and supports them.

I concur.

On motion of Mr. Johnston, these recommendations were approved, and authority was given to execute the contracts on the terms indicated.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(7) The Executive Vice-President and Provost and the Vice-President and Comptroller recommend assignments of funds as follows:

From the General Reserve

Physical Plant

Remodeling in Room 20b Administration Building for Office of Admissions and Records.....	\$ 5 200 00
Remodeling Room 261 Administration Building for Provost's Offices.....	4 340 00
Remodeling Room 362 Animal Sciences Laboratory for Department of Dairy Science.....	5 200 00
Remodeling Meats Laboratory in Davenport Hall.....	3 040 00
Department of Art, Equipment.....	15 200 00
<i>Total, General Reserve.....</i>	<i>\$32 980 00</i>

From State Capital Appropriations "For enlargement and rehabilitation of existing buildings and the construction of minor buildings. . . ."

Physical Plant

Air conditioning of library stacks area in Burrill Hall.....	\$ 7 141 00
Remodeling in Noyes Laboratory of Chemistry.....	14 425 00

Remodeling Davenport Hall for Department of Agronomy.....	10 680 00
<i>Total, State Capital Appropriations.....</i>	<i>\$32 246 00</i>
<i>Grand Total</i>	<i>\$65 226 00</i>

1 concur.

On motion of Mr. Swain, these appropriations were approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

CONTRACT FOR REMODELING IN RESEARCH AND EDUCATIONAL HOSPITALS

(8) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of the following contracts for remodeling and installation of laboratory equipment in the Research and Educational Hospitals to provide a research laboratory for the Department of Dermatology, the award in each case being to the lowest bidder:

Remodeling — Architectural Builders Company, Chicago.....	\$ 6 851 00
Laboratory equipment — Walrus Manufacturing Company, Decatur...	3 392 35
<i>Total.....</i>	<i>\$10 243 35</i>

On motion of Mrs. Watkins, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

CONTRACT FOR LABORATORY EQUIPMENT FOR RESEARCH AND EDUCATIONAL HOSPITALS

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$8,412 to the Browne-Morse Company, Chicago, the lowest bidder, for furnishing and installing laboratory equipment in the Research and Educational Hospitals in connection with the remodeling of the north wing of the Hospital Addition, for the research work by the Department of Medicine on infectious diseases.

Funds are available in United States Public Health Service Grant No. 2 E-208.

1 concur.

On motion of Mrs. Watkins, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

CONTRACTS FOR CONSTRUCTION OF PLANT SCIENCES BUILDING

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for construction of the Plant Sciences Building, the award in each case being to the lowest bidder:

General — W. E. O'Neil Construction Company, Chicago.....	\$1 131 400
Base Bid	\$1 123 500
Additive Alternate for construction of additional parking facilities	7 900
Electrical — Brunkow Electric Company, Champaign.....	222 293
Plumbing — Ralph Vancil, Inc., Cairo.....	153 188
Heating and Refrigeration — The Carson-Payson Company, Danville..	331 212
Ventilating and air conditioning — R. H. Bishop Company, Champaign	144 578
Temperature controls — The Powers Regulator Company, Skokie....	48 970
Elevator — Trimon Elevator Company, Inc., Chicago.....	29 807
Laboratory Equipment — Laboratory Furniture Company, Inc., Mineola, New York.....	228 876
<i>Total.....</i>	<i>\$2 290 324</i>

It is further recommended that all contracts other than the general contract be assigned to the contractor for the general work, making the total of his contract price \$2,290,324.

It is further recommended that an assignment agreement be entered into with W. E. O'Neil Construction Company for the assignment of these other contracts, including a contract for insulation and pipe covering, when it is let, for \$23,777.52, this being the amount bid by that Company under Alternate 1-A for a service charge for supervision of other contracts assigned to the general contractor.

Funds are available in the state capital appropriations to the University from the Universities Building Fund and have been released.

Submitted herewith is a supporting memorandum from the Physical Plant Department, including a schedule of all bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

CONTRACT FOR REROOFING SOUTH GARAGE AND TRACTOR LABORATORY

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$13,600 to Harlan E. Moore and Company, Champaign, the lowest bidder, for reroofing the South Garage and Tractor Laboratory building.

Funds are available in the Physical Plant Department budget.

I concur.

On motion of Mr. Hughes, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Kerner.

ADDITION TO ASSEMBLY HALL CONTRACT

(12) Harrison and Abramovitz, architects for the Assembly Hall, recommend that the surfacing of the underside of the dome of the Hall be painted. The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$10,300 in the contract with Felmley-Dickerson Company for this additional work. Funds are available in the Assembly Hall Construction Fund.

I concur.

On motion of Mr. Swain, this change in contract was authorized.

ADDITION TO CONTRACT FOR CONSTRUCTION OF ILLINI UNION ADDITION

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$6,506.28 in the contract with Leiter Electrical Company, Peoria, assigned to Felmley-Dickerson Company, for the construction of the addition to the Illini Union for conduits which will be needed for installation of a complete room status and guest service system, a control system for more efficient housekeeping operations. Recommendations for the installation of the system itself will be submitted at a later date.

Funds are available in the construction account.

I concur.

On motion of Mr. Hughes, this change in contract was authorized.

PURCHASES

(14) The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Microscope fluorescence equipment and accessories	Medical Pathology	W. H. Kessel & Co., Chicago	\$ 3 220 50 net, delivered
One audiometer	Speech and Hearing Center	Grason-Stadler Co., Inc., West Concord, Mass.	3 034 24

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
5,000 copies of <i>Fundamentals of Aviation and Space Technology</i> , printed and bound, approximately 156 pages per copy	Institute of Aviation	The Interstate Printers & Publishers, Inc., Danville	\$ 3 931 50 f.o.b. delivered
One automatic superspeed refrigerated centrifuge with two rotors, one for 50 ml. tubes and one for 250 ml. tubes, sustained operation temperature range -15° to +35°C, 17,500 r.p.m. speed	Agronomy	Ivan Sorvall, Inc., Norwalk, Conn.	2 861 00 f.o.b. delivered
25 cabinet base units, birch, with a formica top covering all units	Botany and Zoology	Alexander Lumber Co., Champaign	2 798 98 f.o.b. delivered
20 cabinet wall units			
One spectrometer leak-testing system to detect at least 5×10^{-11} atmospheres $\times \text{cm}^3$ per sec per division with accessories	Chemistry and Chemical Engineering	Consolidated Electrodynamics Corp., Chicago	5 388 05 f.o.b. delivered
One gas chromatograph, temperature programmed, 500°C maximum continuous temperature, transistorized, complete with standard accessories	Chemistry and Chemical Engineering	Micro-Tek Instruments, Baton Rouge, La.	3 605 00 f.o.b. delivered
One cesium bromide infrared spectrophotometer capable of either double-beam or single-beam operation covering 11-35 μ	Chemistry and Chemical Engineering	Beckman Instruments, Inc., Lincolnwood	5 782 50 f.o.b. delivered
One spectrometer, nuclear magnetic resonance, high resolution, with standard provisions for providing spectra on precalibrated charts, and equipped for proton resonance at 40 MC, with accessories; installed by factory representative	Chemistry and Chemical Engineering	Perkin-Elmer Ltd., Beaconsfield, Bucks, England	35 276 74 f.o.b. Beaconsfield, Bucks, England, transportation and duty included
One spectrophotometer with direct reading, range 200 to 2500 Mu, optical bench mounted light source, multicell capacity, 115 volt, 60 cycle operation	Chemistry and Chemical Engineering	W. H. Kessel & Co., Chicago	5 118 00 f.o.b. delivered
Three power supplies 0-18 VDC output; 0-30 amps; with meters; input 105-125V, 55-65 frequency; maximum ripple mv IRMS	Coordinated Science Laboratory	PRL Electronics, Inc., c/o Carter Electronics, Inc., Chicago	5 855 00 f.o.b. Railway, N.J.
Two power supplies 0-36 VDC output, 0-50 amps; with meters; input 105-125V, 55-65 frequency; maximum ripple mv IRMS			
One oscilloscope, DC-100MC, sensitivity 0.1V/cm., risetime 3.5 nsec., flexible sweep delay continuously variable from 1 microsec. to 10 seconds; three plug-in adapters; three plug-in preamplifiers; seven probes; two passive terminations; two viewing hoods; one pulse generator; one pretrigger and one delay cable	Coordinated Science Laboratory	Tektronix, Inc., Park Ridge	6 307 50 f.o.b. Portland, Ore.
Three rotors, gyro, 2 in. diameter beryllium to be fabricated to specifications by the Coordinated Science Laboratory research staff	Coordinated Science Laboratory	American Beryllium Co., Inc., Sarasota, Fla.	4 140 00 f.o.b. delivered
One line printer, 1,000 lines per minute			
One typewriter, special modified for on-line uses	Coordinated Science Laboratory	Control Data Corp., Minneapolis, Minn.	59 992 00 f.o.b. Minneapolis, Minn.
One paper tape reader			
3,000 copies each of six issues of the <i>Illinois Teacher of Home Economics</i> , beginning with January, 1962, printed and bound, approximately 48 pages per copy	College of Education	Cushing-Malloy, Inc., Ann Arbor, Mich.	3 108 00 f.o.b. delivered
Three Mark II Autotutor automatic teaching machines	College of Education	Educational Science Division of United States Industries, Inc., Goleta, Calif.	6 250 00 f.o.b. Goleta, Calif.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One five-digit voltmeter with automatic ranging and ratio polarity selection, measuring range 100 microvolts to 1000 volts, 0.00001 to 0.99999 ratio	Electrical Engineering	Non-Linear Systems, Inc., Chicago	\$ 3 985 00 f.o.b. delivered
One helium mass spectrometer leak detector with sensitivity of 2×10^{-10} standard cc/second of helium and including automatic protection valve and diffusion pump	Mechanical and Industrial Engineering	Vacuum-Electronics Corp., Chicago	4 345 00 f.o.b. delivered
One slip ring assembly unit to operate in a vacuum from 2000 to 5 microns mercury absolute at speeds from 0 to 12,000 r.p.m., and used for transmission of thermocouple signals and electrical input	Mechanical and Industrial Engineering	Instrument Engineering Co., Austin, Texas	2 900 00 f.o.b. delivered
One electronic counter, frequency measurements 10 cps to 10.1 MC/s	Mining, Metallurgy, and Petroleum Engineering	Hewlett-Packard Co., c/o Crossley Associates, Chicago	2 825 00 f.o.b. Palo Alto, Calif.
One frequency converter unit, 10 cps to 100 MC/s			
One frequency converter unit, 100 MC/s to 510 MC/s			
Radio frequency transmitting and receiving equipment to detect nuclear magnetic resonance by the induction method or crossed coil method consisting of 1 - R-F Unit 2MC to 16 MC, stability one part by 10^4 per hour drift, one set of three probes 2-4, 4-8 and 816 MC/s; and one power supply	Mining, Metallurgy, and Petroleum Engineering	Varian Associates, Palo Alto, Calif.	8 540 00 f.o.b. delivered
One centrifuge, refrigerated, 17,500 r.p.m., temperature range -15°C to $+35^{\circ}\text{C}$, with small capacity rotor and one high-speed large capacity rotor	Plant Pathology	Ivan Sorvall, Inc., Norwalk, Conn.	2 855 00 f.o.b. delivered
One testing machine, universal, 10,000 lb. capacity, with accessories	Theoretical and Applied Mechanics	Instron Engineering Corp., Canton, Mass.	17 645 00 f.o.b. delivered
One microscope for use in microspectrophotometry complete with rotating mechanical stage, optics, optical bench, light source, and accessories, completely installed in College of Veterinary Medicine Laboratory	Veterinary Medicine	W. H. Kessel & Co., Chicago	5 005 00 f.o.b. delivered
6,000 sets College Qualification Tests, answer sheets, and grading service for State Examination Programs	Admissions and Records	The Psychological Corp., New York, N.Y.	5 100 00 f.o.b. New York, N.Y.
160 library bookshelf units, 36 in. wide x $9\frac{1}{2}$ in. deep x 84 in. high, for delivery under the base bid in January and April, 1962, with the option to purchase an additional quantity of 80 units for delivery in July, 1962	Office Supply Store	The Interior Steel Equipment Co., Bloomington	7 296 00 f.o.b. delivered
3,000 two-ply vertical file pockets	Office Supply Store	Standard Stationery Supply, Chicago	3 230 25 f.o.b. delivered
7,000 redrope vertical file pockets			
2,200 redrope expanding wallets			
300 redrope partition wallets			
7,000 binder covers			
Writing paper pads as follows: 24,000 lbs., not ruled 200 gross, ruled (this is estimated to be a six-month supply)	Office Supply Store	W. M. Putnam Co., Bloomington	8 188 00 f.o.b. delivered
621 steel office chairs, upholstered, assorted styles, for delivery to Urbana and Chicago storerooms on three shipping dates, namely, January 15, 1962, March 15, 1962, and June 26, 1962	Office Supply Store	All-Steel Equipment, Inc., Aurora	14 808 72 f.o.b. delivered
499,000 file folders, letter and legal size, tag manila, medium weight, for both the Urbana campus and the Chicago Colleges and Divisions (this is approximately a twelve-month supply)	Office Supply Store	W. M. Putnam Co., Bloomington	6 000 06 f.o.b. delivered
Continuous stock tabulating forms: 210,000 sets $8\frac{1}{2} \times 11$ 193,000 sets $10\frac{3}{8} \times 11$ 392,000 sets $14\frac{1}{8} \times 11$	Statistical Service Unit	Uarco, Inc., Decatur	5 403 32 f.o.b. delivered
One accounting machine	McKinley Hospital	Burroughs Corp., Decatur	3 661 60 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
750 boxes asphalt tile, 9 in. x 9 in. x $\frac{1}{4}$ in., for Temporary Family Housing Units	Housing Division	B & L Supply Co., Bloomington	\$ 3 450 00 f.o.b. delivered
Lounge furniture for replacement of like pieces in North and South Lounges of Clark House (Men's Residence Hall) as follows: two sofas; ten chairs, upholstered; three settees; ten chairs, occasional	Housing Division	Karoll's, Inc., Chicago	3 056 55 f.o.b. delivered
Furnish and install air-conditioning equipment, 10-ton capacity, at Allerton House, Monticello	Allerton House	E. E. Hubbard & Son, Monticello	5 793 06 f.o.b. delivered and installed
Earth moving, subgrade preparation, and stone road pack for parking lot area at Robert Allerton Park	Robert Allerton Park	Cross Construction, Inc., Urbana	13 815 00 f.o.b. delivered— site
35,000 copies of <i>Time Table for Second Semester</i> , 1961-62, printed and bound, approximately 272 pages per copy	University Press	Braun-Brumfield, Inc., Ann Arbor, Mich.	7 539 00 f.o.b. delivered
12,000 copies of the <i>Undergraduate Study</i> , University of Illinois Bulletin, printed and bound, approximately 340 pages per copy	University Press	Cushing-Malloy, Inc., Ann Arbor, Mich.	5 696 00 f.o.b. delivered
One freight conveyor, 1-ton capacity, 10-foot effective travel, to be furnished and installed at Visual Aids Service, 613 $\frac{1}{2}$ East Green Street, Champaign	Visual Aids Service	Bet-Mar, Inc., Peoria	3 200 00 f.o.b. New Holstein, Wis.
One 1962 truck, $\frac{3}{4}$ ton, with 9-foot van body; this is an addition to the University fleet	Visual Aids Service	Rogers Chevrolet Co., Rantoul	2 743 20 f.o.b. delivered
1,250,000 white wove envelopes, plain and window, with various imprints to be delivered as required for delivery to Urbana and Chicago for the period of January 1, 1962, through December 31, 1962, and an option to purchase at the same unit prices for the period of January 1, 1963, through December 31, 1963	Various	Columbia Envelope Co., Melrose Park	4 447 90 per year
Eight four-door standard sedans	Physical Plant	John Ellis Chevrolet Co., Jacksonville	
One two-door compact sedan	Agronomy	Two standard sedans	1 696 00
Two station wagons	Illinois Natural	One station wagon	1 210 00
One suburban carryall	History Survey	One carryall	2 279 00
Three pickup trucks, cab and chassis only		International Harvester Co., Springfield	
Two pickup trucks, complete		One station wagon	900 07
Three dump trucks, 1 $\frac{1}{2}$ ton		Sullivan Chevrolet Co., Champaign	
One grain truck, 1 $\frac{1}{2}$ ton		One standard sedan	968 72
All are to replace present vehicles in the University's fleet		Two pickup trucks	3 166 65
		University Ford Sales, Champaign	
		Five standard sedans	4 593 00
		One compact sedan	637 40
		Three pickup trucks, cab and chassis only	3 884 00
		Three dump trucks	7 987 86
		One grain truck	2 854 86
			(30 177 56)
		All prices are f.o.b. delivered	
Two cash and refund control registers	Illini Union Bookstore	The National Cash Register Co., Danville	7 026 30 f.o.b. delivered

On motion of Mr. Johnston, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(15) The Comptroller's report of contracts executed during the period November 1 to November 30, 1961.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Air Force AF-AFOSR 62-129	Relationship between curvature and homology in real and complex manifolds	\$19 361 00	October 1, 1961

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Army DA-ARO (D) 31-124-G204	Electrochemistry of fused salts	\$ 19 500 00	October 1, 1961
United States Army DA-CML 18-108-G40	Mechanism of action of synergists for toxic agents	15 428 00	October 15, 1961
United States Army DA 49-146-XZ104	Computation of underground structural response to blast and shock loads	92 000 00	September 1, 1961
United States Department of Health, Education, and Welfare OE 2-10-072	Achievement, creativity, and self- concept correlates of teacher-pu- pil transactions in elementary school classrooms	14 047 00	October 16, 1961
United States Navy Nobs 86112	Pressure vessel design	25 000 00	October 1, 1961
Velsicol Corp.	Heptachlor epoxide residues in meat and milk	2 000 00	October 10, 1961
<i>Total</i>		<u>\$187 336 00</u>	

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
International Harvester Co.	Rental of farm machinery, ten items: \$6.03 to \$601.13	\$ 2 037 56	September, October, and November, 1961
MacCarthy Ford Tractor Sales, Inc.	Lease of one two-row cultivator	31 90	June 20, 1961
University of Illinois Foundation	Rental of the Oneil tract (Klassen) from September 29, 1961, to June 30, 1963	10 875 00 (annual rental \$7,250.00, first payment March 25, 1962)	September 29, 1961
<i>Total</i>		<u>\$12 944 46</u>	

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Illinois Archaeological Survey	Preliminary site examination and preliminary testing and excavation	\$ 1 086 72	June 29, 1961
Merck & Co., Inc.	Growth stimulants for swine	3 000 00	October 12, 1961
National Aeronautics and Space Administration NsG 24-59	Physical properties of the ionosphere by means of satellite radio trans- missions	80 124 00	September 18, 1961
United States Air Force AF 33(616) 3943	Evaluation of high temperature in- sulation for wires	3 831 03	September 26, 1961
United States Air Force AF 33(616) 5486	Thermally stable polymers for high temperature aircraft application	20 146 74	October 9, 1961
United States Air Force AF 33(616) 5734	Protective coatings for refractory metals	7 996 48	September 27, 1961
United States Air Force AF 33(616) 6176	Interaction of dissolved interstitial atoms with dislocations	22 990 00	October 13, 1961
United States Air Force AF 41(657) 359	Cardiovascular effects of refeeding stress following starvation	17 017 00	September 18, 1961
United States Army DA-49-007-MD-308	Nutritional requirements of the housefly and the significance of Vitamin B ₁₂ (carnitine) in the metabolism of insects and other animals	90 00	September 26, 1961
United States Atomic Energy Commission AT (11-1) 691	Radioactive chemistry and chemical kinetics	38 724 00	October 16, 1961
United States Navy Nobsr-64723	Restricted	53 280 00	September 26, 1961
United States Navy Nobs-72143	Biaxial fatigue properties of high strength materials for reactor pressure vessels	2 215 32	October 18, 1961
United States Navy Nonr-1834-(17)	Current problems of solid state and surface physics of semiconductors	57 887 00	August 21, 1961
<i>Total</i>		<u>\$308 388 29</u>	

Adjustments Made in 1961-62 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (plastering)	Eight items: \$30.00 to \$1,020.00	\$1 460 00	October and November, 1961
M. E. Hollett (painting)	Four items: \$0.57 to \$396.80	673 54	October and November, 1961
<i>Total</i>		<u>\$2 133 54</u>	

This report was received for record.

INVESTMENT REPORT**Report of the Finance Committee**

(16) The Finance Committee reports the following changes in investments of trust funds from July 1 through September 30, 1961:

URBANA-CHAMPAIGN**Endowment Funds****Exchange**

\$ 4 000	U. S. Treasury bonds	2¾%	9/15/61 for	
4 000	U. S. Treasury notes	3¾%	8/15/64	
25 000	U. S. Treasury bonds	2¾%	9/15/61 for	
25 000	U. S. Treasury notes	3¾%	11/15/62	

Purchase

\$ 3 000	U. S. Steel	4½%	4/15/86	\$ 2 989 96
22 000	National Fuel Gas	4⅞%	5/1/86	22 382 50
2 000	New York City debentures	3.60%	7/1/80	2 000 00

Current Funds**Sale**

\$ 30 000	U. S. Treasury bonds	4%	8/1/61	\$ 30 093 75
2 100 000	U. S. Treasury certificates	3⅞%	8/1/61	2 105 906 25

Purchase

\$1 000 000	U. S. Treasury bills		8/24/61	\$ 998 833 33
1 000 000	U. S. Treasury notes	4%	5/15/62	1 007 500 00
1 000 000	U. S. Treasury bills		9/21/61	998 351 11
1 250 000	U. S. Treasury bills		10/26/61	1 247 387 50
500 000	U. S. Treasury bills		10/26/61	499 181 94
500 000	U. S. Treasury bills		11/24/61	498 183 33
500 000	U. S. Treasury bills		12/28/61	497 193 00

Report of the Comptroller

The Comptroller reports the following changes in unexpended plant investments, over which he has authority as shown.

URBANA-CHAMPAIGN**Construction Funds**

Student Services Building Construction Fund as authorized under Board resolution dated May 17, 1961:

Sale

\$ 35 000	U. S. Treasury bills	12/14/61	\$ 34 709 06
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Purchase

\$ 60 000	U. S. Treasury bills	7/20/61	\$ 59 962 30	
46 000	U. S. Treasury bills	8/10/61	45 915 28	
84 000	U. S. Treasury bills	9/14/61	83 653 85	
82 000	U. S. Treasury bills	10/13/61	81 484 36	
58 000	U. S. Treasury bills	11/16/61	57 498 11	
160 000	U. S. Treasury bills	12/14/61	158 328 89	
90 000	U. S. Treasury bills	1/15/62	88 819 20	
182 000	U. S. Treasury notes	3¼%	2/15/62	182 568 75
160 000	U. S. Treasury certificates	3%	5/15/62	160 125 00
128 000	U. S. Treasury bonds	2¼%	6/15/62	127 340 00
200 000	U. S. Treasury notes	3¼%	8/15/62	200 437 50
45 000	U. S. Treasury bills	11/16/61	44 852 88	

Pennsylvania Avenue Construction Fund as authorized under Board resolution dated June 21, 1961.

Purchase					
\$ 70 000	U. S. Treasury notes	3¼%	11/15/62	\$ 70 196 88	
160 000	U. S. Treasury notes	3¼%	2/15/62	160 375 00	
60 000	U. S. Treasury bills		3/15/62	59 228 60	

Illini Union and Health Center as authorized under Board resolution dated December 21, 1960.

Sale					
\$ 413 000	U. S. Treasury notes	3¼%	11/15/62	\$ 413 774 38	
Exchange					
\$ 413 000	U. S. Treasury certificates	3⅞%	8/1/61 for		
413 000	U. S. Treasury notes	3¼%	11/15/62		
Purchase					
\$ 150 000	U. S. Treasury bills		8/24/61	\$ 149 836 88	
370 000	U. S. Treasury bills		12/14/61	367 030 75	
45 000	U. S. Treasury notes	4%	5/15/62	45 337 50	
340 000	U. S. Treasury bills		3/15/62	335 595 11	

Housing Revenue Bonds of 1960 Series A (Orchard Downs) as authorized under Board resolution dated June 14, 1960.

Sale					
\$ 261 000	U. S. Treasury notes	3¼%	11/15/62	\$ 261 489 38	
275 000	U. S. Treasury bonds	2¾%	9/15/61	275 000 00	
Exchange					
\$ 261 000	U. S. Treasury notes	4%	8/1/61 for		
261 000	U. S. Treasury notes	3¼%	11/15/62		
Purchase					
\$ 200 000	U. S. Treasury bills		12/14/61	\$ 198 705 00	
48 000	U. S. Treasury bills		2/15/62	47 510 00	

Housing Revenue Bonds of 1959 Series C and D (Peabody Drive) as authorized by Board resolution dated October 21, 1959.

Sale					
\$ 600 000	U. S. Treasury bonds	4%	8/1/61	\$ 601 875 00	
Purchase					
\$ 210 000	U. S. Treasury bills		8/17/61	\$ 209 836 67	
100 000	U. S. Treasury bills		9/14/61	99 766 67	
100 000	U. S. Treasury bills		10/16/61	99 533 33	
323 000	U. S. Treasury bills		11/16/61	320 868 74	
90 000	U. S. Treasury bills		9/14/61	89 923 50	
100 000	U. S. Treasury bills		12/14/61	99 423 67	

Assembly Hall Revenue Bonds Construction Fund as authorized by Board resolution dated June 23, 1959.

Sale					
\$ 387 000	U. S. Treasury certificates	3⅞%	8/1/61	\$ 388 088 44	
25 000	U. S. Treasury bills		10/16/61	24 895 52	
Purchase					
\$ 545 000	U. S. Treasury bills		7/15/62	\$ 530 079 11	
160 000	U. S. Treasury bills		3/15/62	157 935 20	

Housing Revenue Bonds of 1959 Series B (Graduate Housing) as authorized by Board resolution dated June 23, 1959.

Purchase					
\$ 11 000	U. S. Treasury bills		8/31/61	\$ 10 984 42	
12 000	U. S. Treasury bills		9/28/61	11 981 15	
12 000	U. S. Treasury bills		10/26/61	11 981 71	

Housing Revenue Bonds of 1958 as authorized by Board resolutions dated December 17, 1958, and March 12, 1959.

Purchase					
\$ 38 000	U. S. Treasury bills		8/31/61	\$ 37 946 17	
35 000	U. S. Treasury bills		9/28/61	34 945 01	
35 000	U. S. Treasury bills		10/26/61	34 946 64	

Sinking Funds

Student Services Building as authorized by Board resolution dated May 17, 1961.

Purchase

\$ 26 000	U. S. Treasury bills	9/21/61	\$ 25 889 12
26 000	U. S. Treasury notes	2/15/62	26 089 38
26 000	U. S. Treasury notes	3 1/4% 8/15/62	26 065 00

Assembly Hall Revenue Bonds as authorized by Board resolutions dated June 23, 1959, and July 21, 1959.

Sale

\$ 113 000	U. S. Treasury bonds	2 3/4% 9/15/61	\$ 113 264 84
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Purchase

\$ 114 000	U. S. Treasury bills	9/21/61	\$ 113 578 04
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Housing Revenue Bonds Sinking Fund as authorized by Board resolutions dated December 17, 1958, June 23, 1959, October 21, 1959, and June 14, 1960.

Purchase

\$ 247 000	U. S. Treasury bills	3/1/62	\$ 243 842 17
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Men's Residence Halls Revenue Bonds of 1957 as authorized by Board resolutions dated March 12, 1957, and November 18, 1959.

Purchase

\$ 115 000	U. S. Treasury notes	3 1/4% 2/15/62	\$ 115 431 25
80 000	U. S. Treasury notes	3 1/4% 8/15/62	80 225 00

Women's Residence Halls Revenue Bonds of 1956 as authorized by Board resolution dated September 18, 1956.

Purchase

\$ 37 000	U. S. Treasury notes	3 1/4% 8/15/62	\$ 37 092 50
36 000	U. S. Treasury notes	2 5/8% 2/15/63	35 752 50
10 000	U. S. Treasury bonds	2 1/2% 8/15/63	9 859 38

Reserve for Additional 1952 Bonds as authorized by Board resolution dated December 16, 1953.

Purchase

\$ 11 000	U. S. Treasury bonds	3 1/8% 11/15/74	\$ 10 972 50
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CHICAGO

Dentistry-Medicine-Pharmacy Auxiliary Investments

Purchase

\$ 60 000	U. S. Treasury bills	11/30/61	\$ 59 647 80
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Laundry Operations

Purchase

\$ 7 000	U. S. Treasury bills	10/13/61	\$ 6 959 75
15 000	U. S. Treasury bills	11/16/61	14 906 35
15 000	U. S. Treasury bills	12/14/61	14 913 55
15 000	U. S. Treasury bills	12/21/61	14 914 20

Beneficial Interest in Trust — City of Chicago Escrow Account

Purchase

\$ 4 000	U. S. Treasury bills	10/13/61	\$ 3 980 89
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Mr. Swain presented the foregoing report, and on his motion the same was received for record.

REPORT OF GIFTS AND FUNDS RECEIVED FROM OUTSIDE SOURCES

(17) Following is a report of gifts, grants, and contract funds received by the University from outside sources during the fiscal year July 1, 1960, through June 30, 1961. This report includes funds from private donors and funds received from governmental agencies and covers all payments received during the fiscal year. In many cases a period of several months elapses between the time an offer is received and accepted and final payment is made.

In a number of cases, grants and gifts were previously reported to the Board when the offers were received, and likewise the Comptroller's monthly reports include numerous research contracts for which funds had not been received at

the time of reporting. These are being included here in order to present a complete report of all funds received from outside sources during the fiscal period.

The contracts have all been properly executed by the Secretary and the Comptroller of the Board. All gifts and grants reported here have been accepted and duly acknowledged by the President or other appropriate University officer with an expression of appreciation on behalf of the University and the Board of Trustees.

Colleges and Schools at Urbana-Champaign

Undergraduate Scholarships

1. Aerojet-General Corporation, Azusa, California: scholarship in ceramic engineering, 1961-62.....	\$ 500 00
2. The Alcoa Foundation, Pittsburgh, Pennsylvania: scholarship in ceramic engineering, 1961-62.....	625 00
3. Mr. Robert Allerton, Koloa, Kauai, Hawaii: for the Allerton American Traveling Scholarships in architecture.....	1 000 00
4. The Allstate Foundation, Skokie: scholarships for extramural classes for driver education teachers conducted by the Division of University Extension.....	3 000 00
5. American Air Filter Company, Inc., Herman Nelson Division, Moline: scholarships in engineering, 1961-62.....	1 000 00
6. American Society for Metals Foundation for Education and Research, Novelty, Ohio: scholarship in metallurgical engineering, 1960-61.....	500 00
7. Armstrong Cork Company, Lancaster, Pennsylvania: a tuition and fees scholarship, 1960-61.....	260 00
8. Barber-Colman Foundation, Rockford: seven scholarships in engineering, 1960-61.....	5 600 00
9. The Bendix Aviation Corporation, Detroit, Michigan: scholarship in ceramic engineering, 1961-62.....	210 00
10. Campus Chest, University of Illinois undergraduate fund-raising organization: scholarships.....	3 800 00
11. Carrier Foundation, Inc., Syracuse, New York: for Carrier Scholarship in engineering, 1960-61.....	750 00
12. The Chemstrand Corporation, Decatur, Alabama: scholarship in chemical engineering, 1961-62.....	500 00
13. Chicago Farmers, Chicago: scholarship for a senior in agriculture, 1961-62.....	500 00
14. Chicago Illinae Club, Chicago: undergraduate scholarship, 1961-62.....	223 10
15. Columbian Enameling and Stamping Company, Inc., Terre Haute, Indiana: scholarship in ceramic engineering, 1960-61.....	500 00
16. Continental Grain Company, New York, New York: for the Continental Grain Company Scholarship in agriculture, 1960-61... This scholarship was formerly known as the Fribourg Foundation Scholarship.....	1 000 00
17. Corn Products Company, New York, New York: four scholarships in engineering and physical science, 1961-62.....	2 400 00
18. Dads Association, University of Illinois: scholarships, 1960-61...	1 500 00
19. Douglas Aircraft Company, Inc., Santa Monica, California: scholarship in engineering, 1961-62.....	750 00
20. The Dow Chemical Company, Midland, Michigan: scholarship in metallurgy, 1961-62.....	500 00
21. Federal Land Bank of St. Louis and Federal Land Bank Associations in Illinois: two \$500 scholarships in agriculture, 1961-62...	1 000 00
22. Foundry Educational Foundation, Cleveland, Ohio: scholarships for students in mechanical engineering with special interest in foundry work, 1960-61.....	1 000 00
23. Fusite Corporation, Cincinnati, Ohio: for scholarships in ceramic engineering.....	250 00
24. Harrison Jules Frank and Leon Harrison Frank Memorial Corporation, Detroit, Michigan: scholarship in electrical engineering, communications, or mechanical engineering, 1961-62.....	500 00
25. Galesburg Builders Supply, Galesburg: for the Harry H. Gunther scholarship.....	500 00

26. General Electric Company, Bridgeport, Connecticut: general scholarships awarded following participation of University of Illinois students on the General Electric College Bowl in October, 1960.....	2 000 00
27. General Motors Corporation, Detroit, Michigan: scholarship awards under the General Motors College Scholarship Program, 1960-61.....	13 475 00
28. Globe-Union Foundation: scholarships in ceramic engineering..	500 00
29. Harbison-Walker Charitable Fund, Inc.: scholarship in ceramic engineering.....	500 00
30. Illinois Association of Park Districts, Springfield: to establish a scholarship fund for students in the recreation and park field..	210 00
31. Illinois Congress of Parents and Teachers, Springfield: two scholarships—one in any field of teacher training (\$5,000.00) and one in special education (\$3,500.00).....	8 500 00
32. Illinois Federation of Women's Clubs, Chicago: scholarships in occupational therapy	1 200 00
33. Illinois Federation of Women's Clubs, Third District: scholarships in occupational therapy.....	650 00
34. Illinois State Federation of Labor and Congress of Industrial Organizations, Chicago: scholarships, 1961-62.....	1 000 00
35. Illinois State Restaurant Association, Springfield: scholarship in restaurant management.....	300 00
36. The International Nickel Company, Inc., New York, New York: scholarship.....	500 00
37. International Telephone and Telegraph Corporation, New York, New York: scholarships, 1960-61.....	3 000 00
38. Junior Women's Advertising Club of Chicago: three scholarships in journalism.....	1 200 00
39. Keeshin Transport System, Toledo, Ohio: scholarship, 1960-61..	500 00
40. Kennecott Copper Corporation, New York, New York: scholarships in chemical engineering.....	2 000 00
41. Kroger Company, Cincinnati, Ohio: three scholarships (\$250.00 each) in agriculture and three (\$250.00 each) in home economics	1 500 00
42. Captain James M. Lane, Columbus, Ohio, former Professor of Naval Science at the University of Illinois: scholarship.....	400 00
43. Lions Clubs in the Chicago area for scholarships for students training to teach handicapped children.....	4 000 00
Des Plaines Lions Club.....	\$250 00
Edison Park Lions Club of Chicago.....	250 00
Lions of District 1-A, Illinois, Lions.....	750 00
Lions of District 1-B, Illinois, Morris.....	500 00
Lions of District 1-F, Illinois, Des Plaines.....	250 00
Lions of District 1-H, Illinois, Bartonville.....	500 00
North Central Lions Club of Chicago.....	250 00
Riverdale-Dolton Lions Club, Chicago.....	250 00
Roseland Lions Club of Chicago.....	500 00
Uptown Lions Club, Chicago.....	500 00
44. The Magnavox Foundation, Inc., Fort Wayne, Indiana: scholarships, 1960-61	3 000 00
45. Men's Residence Halls Association of the University of Illinois: for the Calvin S. Sifferd — MRHA Scholarship.....	700 00
46. Mississippi Valley Structural Steel Company, Decatur: scholarship in architectural engineering.....	1 200 00
47. Moorman Manufacturing Company, Quincy: scholarships in agriculture, 1960-61	1 500 00
48. The Colonel Robert H. Morse Foundation, Chicago: scholarships in engineering.....	1 000 00
49. Mothers Association, University of Illinois: scholarships.....	735 00
50. Motorola, Incorporated, Chicago: scholarships in art and industrial design	1 000 00
51. National Merit Scholarship Corporation: scholarships, 1960-61..	2 700 00
These are supplemental grants from sponsors of National Merit	

Scholarships in recognition of National Merit Scholars enrolled at the University of Illinois but are for scholarship aid to students who were not Merit Scholars.	
52. The National Secretaries Association, Champaign-Urbana Chapter: scholarships, 1961-62.....	150 00
53. Nonacademic Employees Council, University of Illinois, Urbana: scholarship for a son or daughter of a nonacademic employee at Urbana.....	250 00
54. Old Ben Coal Corporation, Chicago: scholarships in mining engineering, 1960-61.....	1 500 00
55. Owens-Corning Fiberglas Corporation, Toledo, Ohio: scholarships in engineering, 1960-61.....	1 000 00
56. Owens-Illinois Glass Company, Toledo, Ohio: scholarships in engineering, 1960-61.....	2 450 00
57. Pickard, Incorporated, Antioch: for the Ceramic Engineering Scholarship Fund.....	25 00
58. Pi Kappa Lambda Music Fraternity: for the F. B. Stiven Memorial Scholarship in music.....	500 00
59. The Presser Foundation, Philadelphia, Pennsylvania: scholarship in music, 1960-61.....	400 00
60. Procon, Incorporated, Des Plaines: scholarship in engineering, ..	500 00
61. Ralston Purina Company, St. Louis, Missouri: scholarship in agriculture, 1960-61.....	500 00
62. The Scully-Jones Foundation, Chicago: for the J. A. Scully Scholarship in engineering, 1960-61.....	300 00
63. The Sears-Roeback Foundation, Chicago: scholarships in agriculture (\$5,419.89) and in home economics (\$1,200.00), 1960-61..	6 619 89
64. Adrienne T. Sebreny: to add to the Undergraduate Scholarship Fund.....	48 50
65. Alfred P. Sloan Foundation, Inc., New York, New York: annual stipends for five Alfred P. Sloan National Scholars, 1960-61.....	3 500 00
66. A. O. Smith Foundation, Inc., Milwaukee, Wisconsin: scholarship in ceramic engineering, 1960-61.....	500 00
67. Square D Company, Detroit, Michigan: scholarships in engineering, 1961-62.....	600 00
68. Student Organizations, University of Illinois: scholarships.....	2 500 00
69. Tee-Pak Foundation, Chicago: two scholarships, 1960-61.....	1 000 00
70. Texaco, Inc., New York, New York: scholarships, 1960-61.....	1 200 00
71. Union Carbide Educational Fund, New York, New York: scholarships in engineering.....	1 850 00
72. United States Rubber Company, New York, New York: scholarships, 1961-62.....	1 500 00
73. Universal Oil Products Company, Des Plaines: scholarships in chemical engineering.....	1 500 00
74. Various donors: for the scholarship fund established in memory of Philip Crane Hewett, an alumnus of the University of Illinois.	55 00
75. Various donors: to add to the Raymond Torr Memorial Scholarship fund in Journalism.....	110 00
76. Western Electric Company, Chicago: scholarships in engineering, 1960-61.....	1 200 00
77. Westinghouse Electric Corporation, Baltimore, Maryland: for the Westinghouse Air Arm Scholarships, 1960-61.....	1 500 00
78. Zeta Psi Educational Foundation, New York, New York: scholarship for a freshman student, 1960-61.....	250 00
79. Zeta Tau Alpha Foundation, Evanston: the Shirley K. Strout scholarship in journalism, 1961-62.....	250 00
<i>Total, Undergraduate Scholarships.....</i>	<i>\$113 396 49</i>
<i>Miscellaneous Awards and Other Financial Aids to Students</i>	
80. Aischuler Philanthropic Fund, Inc., Chicago: to the Department of Architecture for a student award.....	25 00
81. American Concrete Institute: to the Department of Architecture for student awards.....	247 76

82. American Society for Metals, Chicago: to the Department of Mining, Metallurgy, and Petroleum Engineering for student aid	125 00
83. Alfred Benesch and Associates, Chicago: for financial aid to graduate students and young staff members working for doctorates in civil engineering, in honor of the late A. L. Thomas, a partner in the firm.....	2 000 00
84. Bradley and Bradley, Inc., Rockford: for a student award.....	100 00
85. Maywood Park Trotting Association, Inc., Chicago: for student awards in the College of Veterinary Medicine.....	1 000 00
86. Perkins and Will, Architects and Engineers, Chicago: for financial aid to students in architecture.....	1 000 00
87. Skidmore, Owings, and Merrill, Chicago: for prizes to students in architecture	1 500 00
88. Contributions received by the Dean of Women from many donors to the Women Students Aid Fund.....	4 607 50
89. Various donors: to add to the James Webb Young Fund for education in advertising.....	5 391 40
90. John Wiley and Sons, Inc., New York, New York: for the Fred B. Seely Award in engineering (Mr. Seely is a retired Professor of Theoretical and Applied Mechanics).....	100 00
91. Woodrow Wilson National Fellowship Foundation, Princeton, New Jersey: for the honors program.....	36 00
92. For expenses of disabled students participating in the International Wheel Chair Games.....	6 140 36
From various donors.....	\$5 056 36
From Sullivan Chevrolet Company, Champaign.....	1 084 00
<i>Total, Miscellaneous Awards and Other Financial Aids to Students.....</i>	<i>\$ 22 273 02</i>

Student Loans

93. Dr. and Mrs. Arthur L. Ennis, Decatur: for the Dr. and Mrs. Arthur L. Ennis Student Loan Fund.....	\$ 700 00
94. The Ford Foundation, New York, New York: for student loans as part of the Foundation's Experimental Engineering Faculty Recruitment and Development Program which includes funds for predoctoral fellowships and loans.....	46 350 00
95. Estate of Ina Meredith Hunter, Deceased: for loans to junior and senior students who won scholastic honors in the sophomore year.....	4 000 00
96. Illinois Congress of Parents and Teachers, Springfield: for the general student loan fund.....	1 000 00
97. Koppers Company, Inc., Tar Products Division, Pittsburgh, Pennsylvania: to add to the loan fund for students in architecture....	500 00
98. Metropolitan Museum, New York, New York: to add to the student loan fund.....	4 50
99. United States Department of Health, Education, and Welfare under the National Defense Education Act: for student loans.....	250 000 00
These contributions have not been reported as gifts in previous years; the federal loan program was started in 1959.	
100. Jessie Smith Noyes Foundation: for student loans.....	850 00
101. Phi Beta Kappa, Gamma of Illinois Chapter: to establish the Phi Beta Kappa Loan Fund.....	500 00
102. The Henry Strong Educational Foundation, Chicago: for a student loan fund.....	5 000 00
103. University of Illinois Student Organizations: to add to the student loan fund.....	750 00
104. University of Illinois Student Senate: to add to the student loan fund.....	350 00
105. Tile Council of America, Inc., New York, New York: for student loans	500 00
106. Various donors: to establish a student loan fund in honor of Dr. W. G. Kammlade, retired Associate Director of the Extension Service in Agriculture and Home Economics.....	1 400 00

107. Staff and Graduate Students in the Department of Zoology: for the Zoology Department Graduate Loan Fund.....	146 00
<i>Total, Student Loans.....</i>	<i>\$312 050 50</i>

Funds for Graduate Fellowships and Research

108. Allied Chemical Corporation, New York, New York: renewal of two fellowships in the Department of Chemistry and Chemical Engineering, 1960-61	\$ 6 145 41
109. Alpha Sigma Alpha national sorority: fellowship in the Institute for Research on Exceptional Children for the training of teachers of retarded children.....	1 000 00
110. American Oil Foundation, Chicago: renewal of a fellowship in chemical engineering, 1961-62.....	2 500 00
111. The Bendix Aviation Corporation, Detroit, Michigan: renewal of an instructor-fellowship in engineering, 1961-62.....	3 000 00
112. The California Company, New Orleans, Louisiana: renewal of a fellowship in the Department of Civil Engineering, 1961-62..... This amount includes tuition and fees for the 1960-61 fellow.	3 060 00
113. Campbell Soup Company, Camden, New Jersey: renewal of a fellowship in the plant sciences, 1961-62.....	3 500 00
114. Collins Radio Company, Cedar Rapids, Iowa: renewal of an instructor-fellowship in electrical engineering, 1960-61.....	2 000 00
115. Continental Oil Company, Ponca City, Oklahoma: renewal of a fellowship in mathematics, 1960-61.....	3 000 00
116. Convair, San Diego, California: fellowship in physics, 1961-62..	3 500 00
117. Corning Glass Works Foundation, Corning, New York: renewal of a fellowship in physics, 1960-61.....	3 556 00
118. The Dow Chemical Company, Midland, Michigan: renewal of fellowships in chemistry (\$2,750.00) and chemical engineering (\$2,750.00), 1961-62	5 500 00
119. Drug and Chemical Industries Activities Committee of Illinois: two fellowships in chemistry, summer, 1961.....	1 000 00
120. E. I. du Pont de Nemours and Company, Wilmington, Delaware: renewal of a postgraduate teaching assistantship in chemistry, 1960-61 and 1961-62.....	3 610 00
121. The Electrochemical Society, Inc., New York, New York: fellowship in chemistry, summer, 1961.....	800 00
122. Esso Research and Engineering Company, Linden, New Jersey: renewal of fellowships in civil engineering (\$3,500.00) and chemistry (\$6,500.00), 1960-61.....	10 000 00
123. Ethyl Corporation, Detroit, Michigan: renewal of a fellowship in chemistry, 1960-61.....	3 060 00
124. The Firestone Tire and Rubber Company, Akron, Ohio: tuition and fees for the 1960-61 fellow in chemistry.....	560 00
125. The Ford Foundation, New York, New York: fellowships.....	60 870 00
Commerce.....	\$ 2 970 00
Economics.....	4 650 00
Institute for Research on Exceptional Children.....	15 000 00
Engineering.....	29 250 00
Institute of Labor and Industrial Relations.....	9 000 00
126. General Dynamics Corporation, General Atomic Division, San Diego, California: renewal of a fellowship in physics, 1961-62...	4 000 00
127. The General Electric Foundation, Ossining, New York: renewal of fellowships for 1960-61.....	14 290 00
Ceramic Engineering	\$1 960 00
Chemistry	2 310 00
Electrical Engineering	1 960 00
Physics	3 060 00
Accountancy and Finance.....	5 000 00
128. The General Foods Fund, Inc., New York, New York: four fellowships in home economics, 1961-62.....	14 000 00
129. Gregory Industries, Inc., Lorain, Ohio: fellowship in civil engineering (this is the first quarterly payment).....	1 000 00

130. Haloid Xerox, Inc., Rochester, New York: renewal of a fellowship in solid state physics, 1961-62.....	2 600 00
131. Illinois Clay Products Company, Joliet: renewal of two fellowships in geology, 1960-61.....	4 400 00
132. Illinois Consumer Finance Association: fellowship in finance, 1960-61.....	2 000 00
133. Illinois Seed Dealers Association, Inc.: for the W. L. Burlison Distinguished Fellowship in agronomy.....	500 00
134. Inland Steel-Ryerson Foundation, Chicago: renewal of a fellowship in mining and metallurgical engineering, 1960-61.....	3 600 00
135. International Business Machines Corporation, Yorktown Heights, New York: renewal of fellowships in physics (\$3,064.00) and in data processing (\$1,068.00).....	4 132 00
136. Inter-University Committee on Travel Grants: fellowship in Soviet Studies This fellowship is part of a program involving the exchange of graduate students and young faculty members with the Soviet Union. The funds are administered by the University.	2 108 00
137. Johnson and Johnson, New Brunswick, New Jersey: renewal of the Roger Adams Fellowship in organic chemistry, 1960-61 (\$2,800.00) and 1961-62 (\$3,400.00).....	6 200 00
138. Jones and Laughlin Steel Corporation, Pittsburgh, Pennsylvania: fellowship in metallurgical engineering, 1961-62.....	2 600 00
139. Koppers Foundation, Pittsburgh, Pennsylvania: renewal of two fellowships in chemistry, summer, 1961.....	1 200 00
140. Lead Industries Association, New York, New York: renewal of fellowships in ceramic engineering, academic year 1960-61.....	4 000 00
141. Eli Lilly and Company, Indianapolis, Indiana: renewal of a fellowship in organic chemistry, 1961-62.....	3 000 00
142. Lilly Endowment, Inc., Indianapolis, Indiana: to establish the Lilly Endowment Fellowships for theological seminary professors to engage in special study or research in the area of relationship between psychology and religion (to be expended over a three-year period, 1961-64).....	50 000 00
143. The Lubrizol Foundation, Cleveland, Ohio: renewal of a fellowship in chemistry, 1961-62.....	3 000 00
144. Minnesota Mining and Manufacturing Company, St. Paul, Minnesota: renewal of three fellowships, \$2,700.00 each, in chemistry, chemical engineering, and physics, 1961-62.....	8 100 00
145. Motorola, Inc., Chicago: renewal of the Paul V. Galvin Fellowship in electrical engineering, 1960-61.....	2 500 00
146. National Distillers and Chemical Foundation, Inc., New York, New York: renewal of fellowships in chemistry (\$2,360.00) and chemical engineering (\$2,360.00), 1960-61.....	4 720 00
147. National Lead Company.....	7 400 00
Baroid Division, Houston, Texas: renewal of a fellowship in geology, 1961-62.....	\$2 400 00
Titanium Division, South Amboy, New Jersey: fellowship in physics.....	3 000 00
Titanium Alloy Manufacturing Division, Niagara Falls, New York: renewal of a fellowship in ceramic engineering, 1961-62.....	2 000 00
148. Carl M. Noble: for the General Graduate Fellowship Fund.....	100 00
149. Parke, Davis, and Company, Ann Arbor, Michigan: renewal of a fellowship in biochemistry, academic year 1960-61.....	2 250 00
150. Chas. Pfizer and Company, Inc., Groton, Connecticut: renewal of a fellowship in organic chemistry, 1960-61 and 1961-62.....	6 000 00
151. Phillips Petroleum Company, Bartlesville, Oklahoma: renewal of a fellowship in chemistry, 1961-62.....	3 000 00
152. The Procter and Gamble Company, Cincinnati, Ohio: renewal of fellowships in chemical engineering (\$3,300.00) and chemistry (\$2,660.00), 1961-62.....	5 960 00

153. Pure Milk Association, Chicago: renewal of a fellowship in food technology, 1960-61	1 000 00
154. Radio Corporation of America, Princeton, New Jersey: renewal of a fellowship in electrical engineering, 1960-61	2 850 00
155. Raymond Concrete Pile Company, New York, New York: the Raymond Concrete Pile Company Fellowship, memorial to A. E. Cummings, 1960-61	2 100 00
156. Raytheon Company, Waltham, Massachusetts: renewal of a fellowship in physics, 1960-61	2 850 00
157. Rohm and Haas Company, Philadelphia, Pennsylvania: renewal of a fellowship in chemistry and chemical engineering, 1960-61	3 000 00
158. Shell Fellowship Committee of the Shell Companies Foundation, Inc., New York, New York: renewal of fellowships in chemical engineering (\$2,750.00) and geology (\$2,384.00), 1960-61	5 134 00
159. Sinclair Research Laboratories, Inc., New York, New York: renewal of a fellowship in organic chemistry, 1961-62	2 500 00
160. Alfred P. Sloan Foundation, Inc., New York, New York: fellowships for first-year graduate students in engineering	5 120 00
161. Standard Oil Company of California, San Francisco, California: renewal of a fellowship in chemistry, 1960-61 and 1961-62	7 570 00
162. Standard Oil Foundation, Inc., Chicago: fellowship in electrical engineering	4 850 00
163. Sun Oil Company, Philadelphia, Pennsylvania: renewal of a fellowship in chemistry, 1960-61	3 260 00
164. Television Shares Management Corporation, Chicago: renewal of a fellowship in engineering, 1960-61	2 000 00
165. Texas Instruments Foundation, Dallas, Texas: renewal of a fellowship in physics, 1961-62	2 666 00
166. The Toni Company, Boston, Massachusetts: renewal of a fellowship in chemistry, 1960-61	3 750 00
167. The Trane Company, La Crosse, Wisconsin: renewal of a fellowship in mechanical engineering, 1961-62	2 000 00
168. Union Carbide Corporation	16 692 50
Union Carbide Metals Company, Niagara Falls, New York: renewal of a fellowship in metallurgy, 1960-61	\$3 000 00
Parma Research Laboratory, Cleveland, Ohio: renewal of a fellowship in physics, 1960-61	3 362 50
Union Carbide Plastics Company, Bound Brook, New Jersey: renewal of a fellowship in chemistry, 1960-61	3 660 00
Visking Company, Chicago: renewal of a fellowship in mechanical engineering, 1960-61	3 010 00
Visking Company, Chicago: renewal of a fellowship in chemical engineering, 1961-62	3 660 00
169. United States Rubber Company Foundation, New York, New York: renewal of a fellowship in physical and engineering sciences, 1960-61	2 960 00
170. Universal Match Corporation, St. Louis, Missouri: renewal of a fellowship in chemistry, 1960-61	2 500 00
171. The Upjohn Company, Kalamazoo, Michigan: renewal of a fellowship in microbiology, 1961-62	3 000 00
172. Various donors: for fellowships in the Jane Addams Graduate School of Social Work	13 924 01
Chicago Community Trust	\$3 100 00
Gads Hill Center	1 800 00
Hull House Association	1 500 00
Wieboldt Foundation	3 224 01
Woods Charitable Fund	2 500 00
Young Mens Jewish Council	1 800 00
173. Westinghouse Educational Foundation, Pittsburgh, Pennsylvania: renewal of a fellowship in electrical engineering, 1960-61	3 000 00
174. Woodrow Wilson National Fellowship Foundation, Princeton, New Jersey: nine fellowships, 1960-61	18 000 00
175. Zeta Phi Eta: fellowship in speech	500 00

176.	Abbott Laboratories, North Chicago: to the Department of Animal Science for studies on swine nutrition.....	1 500 00
177.	The Alcoa Foundation, Pittsburgh, Pennsylvania: to the Department of Art for research.....	1 000 00
178.	Allied Chemical and Dye Corporation, Nitrogen Division, Hopewell, Virginia: to the Department of Agronomy for a study on occurrence of residual nitrogen fertilizer among various soil fractions as indicated by isotopic nitrogen.....	3 000 00
179.	Aluminum Company of America, Pittsburgh, Pennsylvania: to the Department of Ceramic Engineering for a study of alumina in whitewares	1 000 00
180.	American Bird Products, Inc., Chicago: to the Department of Veterinary Pathology and Hygiene for a study of epidemiology and control of psittacosis and psittacoid diseases.....	2 822 98
181.	American Cancer Society, Inc., New York, New York: to the Department of Microbiology for a study of animal viruses and virus controlled cellular particles, for the period July 1, 1960, through June 30, 1961.....	19 339 60
182.	American Chemical Products, Inc., Ambler, Pennsylvania: to the Department of Agronomy for studies on chemical control of weeds	500 00
183.	American Chemical Society:.....	74 080 00
	To the Department of Chemistry and Chemical Engineering for a study of mechanisms of radical reactions..\$	5 825 00
	To the Department of Chemistry and Chemical Engineering for a study of effects of angle-strain on reactivity and reaction mechanism.....	5 860 00
	To the Department of Chemistry and Chemical Engineering for a study of diffusion mechanism: molecules in solution	5 600 00
	To the Department of Chemistry and Chemical Engineering for nuclear magnetic and electron spin resonance studies of hydrocarbons.....	12 000 00
	To the Department of Chemistry and Chemical Engineering for a study of properties and stabilities of oil-soluble metal complexes.....	6 300 00
	To the Department of Chemistry and Chemical Engineering for a study of ferrocene derivatives.....	6 700 00
	To the Department of Chemistry and Chemical Engineering for a study of surface phenomena in phase contacting	5 400 00
	To the Department of Chemistry and Chemical Engineering for research in the field of petroleum.....	15 000 00
	To the Department of Chemistry and Chemical Engineering for research on vacuum-ultraviolet photochemistry of hydrocarbons.....	11 395 00
	To the Department of Geology for a study of petrographic investigation of Silurian reefs.....	7 000 00
184.	American Cyanamid Company, New York, New York:.....	2 000 00
	To the Department of Plant Pathology for a study of fungicides	\$ 1 000 00
	To the Department of Economic Entomology, State Natural History Survey, for a study of systemic insecticides for control of insects on wheat.....	1 000 00
185.	American Dairy Association: to the Department of Food Technology.....	14 500 00
	A study of the effects of butterfat and corn oil in relation to the development of atherosclerosis.....\$	11 000 00
	A study on the relationship of milk protein to serum cholesterol levels	3 500 00
186.	American Foundation for the Blind, Inc., New York, New York: to the College of Education for tests involving speed of perception and efficiency of conceptualization on the basis of tactual stimulation	1 100 00

187. American Gas Association: to the Department of Mining, Metallurgy, and Petroleum Engineering for a study of the effects of alternating current on the corrosion of steels buried in soils.....	4 300 00
188. American Iron and Steel Company.....	24 500 00
To the Department of Theoretical and Applied Mechanics for an investigation of continuous reinforced concrete beams failing in shear.....	\$ 9 500 00
To the Department of Civil Engineering for a study of the cause of failures in railroad rails in service.....	15 000 00
189. American Management Association, New York, New York: to the College of Commerce and Business Administration for a study of general organization functions in business.....	466 00
190. American Petroleum Institute: to the Department of Mining, Metallurgy, and Petroleum Engineering for research in velocity logging.....	5 000 00
191. American Physiological Society: to the Department of Physiology for research.....	73 65
192. American Potash Institute, Inc.: to the Department of Agronomy for a study of requirements for biochemical function of potassium by crop plants.....	2 500 00
193. American Society for Testing Materials, Philadelphia, Pennsylvania: to the Department of Theoretical and Applied Mechanics for research on plastic deformation and fracture of crystalline materials.....	1 000 00
194. American Steel Foundries, Chicago: to the Department of Mechanical and Industrial Engineering for fundamental research....	500 00
195. Archer-Daniels-Midland Foundation, Minneapolis, Minnesota: to the Department of Food Technology for studies on fats and oils..	750 00
196. Armour and Company, Chicago: to the Department of Food Technology for studies on fatty acids.....	2 000 00
197. Armour Pharmaceutical Company: to the Department of Veterinary Physiology and Pharmacology for a study on pharmacological characterization of new drugs potentially useful in veterinary medicine with particular emphasis on drugs affecting the nervous system.....	6 440 00
198. Association of American Railroads: to the Department of Civil Engineering.....	1 500 00
A study of roadbed stabilization.....	\$ 500 00
A study of performance of filter material in subdrains..	1 000 00
199. Association of American Railroads and American Iron and Steel Institute: to the Department of Theoretical and Applied Mechanics for research on rails.....	12 500 00
200. Bendix Aviation Corporation, South Bend, Indiana: to the Department of Ceramic Engineering for a study of thermal diffusivity and elastic moduli of ceramic-metal combinations at elevated temperatures.....	28 978 11
201. California Chemical Company, San Francisco, California: to the Department of Plant Pathology for studies on turf and lawn diseases.....	300 00
202. The California Company, New Orleans, Louisiana: to the Department of Civil Engineering for research.....	500 00
203. California Research Corporation: to the Department of Mining, Metallurgy, and Petroleum Engineering for research.....	5 000 00
204. The Carle Foundation, Urbana: to the Department of Physiology for a study of the contractile force of the heart muscle under varying situations of drug administration and myocardial ischemia.....	1 000 00
205. Carnation Company, Los Angeles, California: to the Department of Home Economics for studies on performances of instant mashed potatoes in quantity food preparation and service.....	500 00
206. Carnegie Corporation of New York.....	187 350 00
To the Department of Psychology for a study of human motivation and its relation to behavior.....	\$ 12 500 00
To University High School for development of a new elementary school arithmetic curriculum.....	73 250 00

	To University High School for development of a new high school mathematics curriculum.....	101 600 00
207.	Caterpillar Tractor Company, Peoria: to the Department of Civil Engineering for a study of U-shaped beams.....	7 250 00
208.	Ciba Pharmaceutical Products, Inc., Summit, New Jersey: to the Department of Physiology for bean research.....	1 000 00
209.	Cities Service, Inc.: to the Department of Civil Engineering for a study dealing with the properties of sand.....	6 400 00
210.	Commercial Solvents Corporation: to the Department of Animal Science for a study on vitamins and growth factors in swine nutrition.....	3 000 00
211.	Committee for Economic Development, New York, New York: to the Department of Economics for research.....	12 600 00
212.	Commonwealth Edison Company: to the Small Homes Council-Building Research Council for a fuel study of electric heating costs.....	8 000 00
213.	Consolidated Electrodynamics Corporation, Pasadena, California: to the Department of Ceramic Engineering for research in the area of hermetic seals and electrical properties of special glasses..	4 250 00
214.	Cook County Truck Gardener's and Farmer's Association: to the Department of Agricultural Economics for a study on production and marketing of vegetable crops.....	2 000 00
215.	Corn Industries Research Foundation, Inc., Washington, D.C.....	22 235 00
	To the Department of Food Technology for studies on corn carbohydrate coatings.....	\$10 000 00
	To the Department of Home Economics for studies on the behavior of various starches in food products.....	4 735 00
	To the Department of Chemistry and Chemical Engineering for studies on metal complexes of starch.....	7 500 00
216.	Corn Products Refining Company, Chicago: to the Department of Animal Science for a study on carbohydrates and unidentified growth factors for the baby pig.....	1 500 00
217.	Council of Ten and the University of Chicago: for studies of institutional cooperation.....	3 750 00
	Bureau of Institutional Research.....	\$ 2 000 00
	Broadcasting.....	1 250 00
	Department of Physiology.....	500 00
218.	Creole Petroleum Corporation, New York, New York: to the Department of Civil Engineering for a study of casings.....	24 649 64
219.	Crop-Hail Insurance Actuarial Association: to the State Water Survey for a study of hail storms.....	6 000 00
220.	Curtiss Improved Stud Service, Inc., Cary: to the Department of Dairy Science for studies in artificial insemination.....	1 500 00
221.	Davison Chemical Company, W. R. Grace and Company Division, Clarksville, Maryland: to the Department of Agronomy for studies on the evaluation of monocalcium phosphate.....	1 000 00
222.	Dawe's Laboratories, Inc., Chicago: to the Department of Animal Science for a study on animal nutrition.....	2 000 00
223.	City of Decatur: to the Department of Sociology for a study of immediate and long-range needs of older citizens.....	7 500 00
224.	Diamond Laboratories, Inc., Des Moines, Iowa: to the Department of Veterinary Research for studies on anaplasmosis.....	8 000 00
225.	E. I. du Pont de Nemours and Company, Wilmington, Delaware. To the Department of Chemistry and Chemical Engineering for research in chemistry (\$15,000.00) and in chemical engineering (\$5,000.00).....	\$20 000 00
	To the Department of Physics for research.....	5 000 00
226.	Educational Services, Inc.: to the College of Education for research.....	1 673 01
227.	Food Machinery Chemical Corporation, Niagara Chemical Division: to the Department of Plant Pathology for studies on fruit fungicides.....	500 00

228. The Ford Foundation, New York, New York.....	82 807 00
To the Department of Sociology for research on the effectiveness of the federal correctional system (this is the final payment of a total grant of \$242,000.00 for this project)	\$37 207 00
To the Office of Community Development for studies to help define the University's role in meeting urban problems and to develop a training program for service to Illinois' rapidly urbanizing communities (this is the initial payment of a total grant of \$125,000.00)	10 000 00
To the University Press for the support of scholarly publications in the humanities and the social sciences..	5 600 00
To the Bureau of Economic and Business Research for the Savings Research Project of the Inter-university Committee for Research on Consumer Behavior.....	30 000 00
229. Foundry Educational Foundation, Cleveland, Ohio: to the Department of Mechanical and Industrial Engineering for fundamental research	250 00
230. General Motors Corporation: to the Department of Theoretical and Applied Mechanics for research.....	500 00
231. Grace Chemical Company: to the Department of Animal Science for a study on nonprotein nitrogen in sheep nutrition.....	5 000 00
232. Granite City Steel Company: to the Department of Agricultural Engineering for a study of methods of providing optimum environment for sows and pigs under farm farrowing conditions.....	2 500 00
233. Gregory Industries, Inc., Lorain, Ohio: to the Department of Civil Engineering for a study of welded studs.....	7 500 00
234. Griffin Wheel Company.....	47 189 91
To the Department of Ceramic Engineering for a study of steel casting refractories.....	\$37 500 00
To the Department of Theoretical and Applied Mechanics for a study of railway wheels.....	9 689 91
235. Griffith Seed Company, McNabb: to the Department of Plant Pathology for corn research studies.....	100 00
236. Hoffman-LaRoche, Inc., Nutley, New Jersey: to the Department of Animal Science.....	6 959 00
For studies on the function and metabolism studies with C ¹⁴ -Biotin	\$1 959 00
For studies on biological method for the determination of Vitamin E deficiency.....	5 000 00
237. Illinois Agricultural Association: to the Department of Food Technology for a study of the quality of dairy products.....	1 000 00
238. Illinois Archaeological Survey: to the Department of Anthropology for research.....	3 303 10
239. Illinois Council on Economic Education, Evanston: to the Department of Business Education for a faculty grant.....	3 030 00
240. Illinois Dairy Products Association, Inc.: to the Department of Dairy Science for cream quality research.....	3 000 00
241. Illinois Farm Supply Company, Chicago.....	2 400 00
To the Department of Dairy Science for studies in the field of dairy cattle feeding and nutrition.....	\$ 600 00
To the Department of Animal Science for studies on animal nutrition	1 800 00
242. Illinois Liquid Fertilizer Association, Normal: to the Department of Agronomy for studies on liquid dry fertilizers.....	500 00
243. Illinois Mining Institute, Urbana: to the Department of Mining, Metallurgy, and Petroleum Engineering for research.....	303 50
244. Illinois Seed Producers Association, Inc.....	10 000 00
To the Department of Agronomy for corn research....	\$7 500 00
To the Department of Plant Pathology.....	2 500 00
245. Illinois State Turkey Growers Association, Palatine: to the Department of Veterinary Research for studies on the diseases of turkeys.....	1 065 85

246. Institute of Boiler and Radiator Manufacturers: to the Department of Mechanical and Industrial Engineering for a study of steam and water heating.....	37 700 50
247. International Minerals and Chemical Corporation: to the Department of Agronomy for a study on factors influencing the decomposition of rock phosphate in soils.....	2 000 00
248. Iowa State University: to the Department of Electrical Engineering for a study of hyperkinetic disorder.....	16 555 00
249. Joint Office of Institutional Research, Washington, D.C.: to the College of Commerce and Business Administration for preparation of a detailed research design and preliminary costs analysis of some problems in the economics of higher education.....	1 000 00
250. Kewanee Machinery and Conveyor Company, Kewanee: to the Department of Agricultural Engineering for a study on elevators for filling vertical silos.....	3 000 00
251. Kretschmer Wheat Germ Corporation, Carrollton, Michigan: to the College of Physical Education for research.....	1 250 00
252. The Eli Lilly and Company, Indianapolis, Indiana: to the Department of Animal Science for research on the role of antibiotics for baby and weanling pigs.....	3 000 00
253. Lumber Dealers Research Council: to the Small Homes Council-Building Research Council.....	7 812 50
For a three-part component study.....	\$4 500 00
For research on sectionalized houses.....	3 312 50
254. Malting Barley Improvement Association, Milwaukee, Wisconsin: to the Department of Agronomy for studies on barley improvement.....	345 00
255. Merck and Company, Inc., Rahway, New Jersey: to the Department of Animal Science.....	5 000 00
For studies on animal nutrition.....	\$ 2 000 00
For a cooperative study on growth stimulants for swine.....	3 000 00
256. Midwest Agricultural Limestone Institute, Kankakee: to the Department of Agronomy for studies on soil management research.....	500 00
257. Mrs. C. Philip Miller, Chicago: to add to the Sinissippi Forest Trust Fund in support of forestry research.....	3 036 84
258. Mink Farmers' Research Foundation, Inc., Milwaukee, Wisconsin: to the Department of Veterinary Research for studies on virus enteritis in mink.....	5 500 00
259. Monsanto Chemical Company, St. Louis, Missouri.....	12 750 00
To the Department of Agricultural Economics for studies on the economic use of fertilizers.....	\$ 6 000 00
To the Department of Animal Science for studies on biological antioxidants.....	3 500 00
To the Department of Agronomy for studies of the herbicidal action of chemical compounds.....	2 750 00
To the Department of Plant Pathology for studies on fungicidal action of chemical compounds.....	500 00
260. Moorman Manufacturing Company, Quincy: to the Department of Animal Science for a cooperative study on poultry nutrition..	2 600 00
261. Mark L. Morris Animal Foundation: to the Department of Veterinary Research for a study on acute pancreatitis in the dog....	2 880 00
262. Morton Chemical Company, Ringwood: to the Department of Plant Pathology.....	2 000 00
Studies on bactericide-fungicide trials.....	\$ 500 00
Studies on fruit fungicides.....	1 500 00
263. Mosinee Paper Mills Company, Mosinee, Wisconsin: to the Department of Horticulture for studies on mulching with paper....	1 700 00
264. Muscular Dystrophy Associations of America, Inc., New York, New York: to the Department of Animal Science for studies on the metabolism of radioactive vitamin E in the rat.....	7 965 00
265. National Educational Television and Radio Center: to University High School for a mathematics study.....	48 506 60

266. National Lime Association, Washington, D.C.: to the Department of Geology for a study by x-ray diffraction and other methods the reactions in the clay mineral and other mineral components of various types of soils when treated with lime for the purpose of stabilization for road surfaces.....	4 400 00
267. National Livestock and Meat Board, Chicago: to the Department of Food Technology for studies on the biological utilization of fatty acid isomers.....	8 500 00
268. National Roofing Contractors Association: to the Small Homes Council-Building Research Council for a roofing study.....	7 500 00
269. National Society for Crippled Children and Adults, Chicago: to the Student Rehabilitation Center for a study on the development of specifications for buildings and facilities to independently accommodate individuals in wheelchairs and individuals with other severe forms of physical disability.....	4 217 50
270. National Soybean Crop Improvement Council: to the Department of Agronomy for a study on soil fertility requirements of different genetic lines of soybeans.....	7 000 00
271. National Steel Corporation, Weirton, West Virginia: to the Department of Civil Engineering for a study of N-A-Xtra steel joints.....	16 000 00
272. The National Vitamin Foundation, Inc.: to the Department of Animal Science for a study of vitamin E function.....	5 000 00
273. National Warm Air Heating and Air Conditioning Association: to the Department of Mechanical and Industrial Engineering for a study of heating, ventilating, and air conditioning as related to warm air furnace heating.....	33 394 01
274. Northern Illinois Breeding Co-op of Hampshire, Illinois, and Southern Illinois Breeding Association of Breese, Illinois: to the Department of Dairy Science for studies on artificial breeding...	6 657 59
275. Olin Mathieson Corporation, East Alton: to the Department of Agronomy for ammonia phosphate studies.....	750 00
276. Portland Cement Association, Chicago: to the Department of Civil Engineering for a study of the strength and deformation characteristics of reinforced concrete beam-column connections subjected to axial and transverse loads.....	48 000 00
277. The Procter and Gamble Company, Cincinnati, Ohio: to the Department of Chemistry and Chemical Engineering for investigations of natural lipids.....	12 000 00
278. Pure Oil Company, Chicago: to the Department of Plant Pathology for studies on the efficacy of soil fumigants.....	1 000 00
279. Quaker Oats Company, Chicago: to the Department of Agronomy for studies on breeding for yellow dwarf (red leaf) resistance in spring and winter oats and for improved winter hardiness in winter oats.....	2 900 00
280. Refrigeration Research Foundation, Colorado Springs, Colorado: to the Department of Food Technology for studies on the cold storage of irradiated foods.....	2 000 00
281. Reinforced Concrete Research Council: to the Department of Civil Engineering for research.....	30 000 00
282. Rockefeller Foundation, New York, New York.....	43 871 48
To the Department of Agronomy for research on maize polyploids and plant metabolism.....	\$8 854 61
To the Department of Dairy Science for research....	9 874 96
To the Department of Entomology for research.....	25 141 91
283. Shell Chemical Corporation: to the State Natural History Survey for research on insecticides.....	2 500 00
284. Alfred P. Sloan Foundation, Inc., New York, New York.....	33 875 87
To the Department of Chemistry and Chemical Engineering for research.....	\$21 764 99
To the Department of Physics for research.....	12 110 88
285. Smith, Kline, and French Laboratories, Philadelphia, Pennsylvania:.....	7 300 00

	To the Department of Animal Science for research in swine nutrition.....	\$ 3 000 00
	To the Health Service for anti-viral chemotherapy research.....	4 300 00
286.	Society for the Investigation of Human Ecology, Forest Hills, New York: to the Institute of Communications Research for a study of the cross-cultural generality of meaning systems.....	43 089 50
287.	Socony Mobil Oil Company, Inc., Paulsboro, New Jersey: to the Department of Chemistry and Chemical Engineering for research in the field of metal coordination complexes.....	4 000 00
288.	Sod Growers Association of Illinois, Champaign: to the Department of Plant Pathology for studies on diseases of turf and lawn grass.....	3 000 00
289.	State University of Iowa, Iowa City, Iowa: to the Department of Electrical Engineering for a study of hyperkinetic disorder.....	1 500 00
290.	Sterling-Winthrop Research Institute: to the Department of Animal Science for a study of the effects of management and nutrition on immunological response of the young pig.....	3 000 00
291.	Tee-Pak Foundation: to the Department of Food Technology for a study on various types of films as retardants to deterioration of meat and meat products.....	3 500 00
292.	Texaco, Inc.: to the Department of Agricultural Engineering for a study on methods and machines for more efficient application of anhydrous ammonia, aqua ammonia, and slurries of dry and liquid nutrients.....	3 500 00
293.	Union Carbide Educational Fund, New York, New York.....	750 00
	To the Department of Chemistry and Chemical Engineering for research.....	\$ 200 00
	To the Department of Civil Engineering for research.....	250 00
	To the Department of Theoretical and Applied Mechanics for research.....	100 00
	To the Department of Mechanical and Industrial Engineering for research.....	200 00
294.	United Cerebral Palsy Research and Educational Foundation: to the Institute for Research on Exceptional Children for a study of revision and restandardization of language ability test for young cerebral palsied children.....	15 000 00
295.	United States Steel Foundation, Inc., Pittsburgh, Pennsylvania: for research.....	10 500 00
296.	The Upjohn Company, Kalamazoo, Michigan.....	8 000 00
	To the Department of Chemistry and Chemical Engineering for research in the field of antibiotics.....	\$ 2 000 00
	To the Department of Plant Pathology for research on new antibiotics.....	6 000 00
297.	Various donors: to the College of Agriculture for farm electrification research.....	15 390 00
	Association of Illinois Electric Cooperatives, Springfield.....	\$ 7 000 00
	Central Illinois Electric and Gas Company.....	425 00
	Central Illinois Light Company.....	550 00
	Central Illinois Public Service Company.....	1 250 00
	Commonwealth Edison Company, Chicago.....	3 500 00
	Illinois Power Company.....	2 450 00
	Interstate Power Company.....	52 00
	Iowa-Illinois Gas and Electric Company of Iowa.....	60 00
	Mount Carmel Public Utility Company.....	60 00
	Union Electric Company.....	43 00
298.	Various donors: to the Department of Civil Engineering for a study of lime-pozzolon mixtures for highway construction.....	20 725 00
	Commonwealth Edison Company.....	\$10 000 00
	National Lime Association.....	7 500 00
	Poy-o Pac Company of America.....	100 00
	Pozzolon Products Company, Inc.....	3 125 00

299. Various donors: to University High School to continue a study on nonverbal awareness.....	1 332 00
Anonymous.....	\$ 482 00
Association of Teachers of Mathematics in New England.....	100 00
Institute for Intercultural Studies.....	300 00
National Education Association of the United States..	100 00
Oregon Council of Teachers of Mathematics.....	25 00
The Principia Corporation.....	200 00
Utah State University.....	75 00
Western Illinois University.....	50 00
300. Various donors: for urban 4-H Club work in metropolitan Chicago	10 000 00
Chicago 4-H Association.....	\$ 7 000 00
Illinois 4-H Foundation.....	3 000 00
301. Velsicol Chemical Corporation, Chicago: to the Department of Zoology for research on the toxicology of insecticides.....	2 500 00
302. VioBin Corporation, Monticello.....	9 599 98
To the Department of Animal Science:	
For a study of fishmeal.....	\$ 2 250 00
For a study of fishmeal and fishmeal products in swine nutrition.....	1 800 00
For a study of proteins and fats.....	1 500 00
To the Department of Physical Education for Men for the physical fitness program.....	4 049 98
303. Hiram Walker and Sons, Inc.: to the Department of Animal Science for a study on the nutritive properties of dried distillers' solubles in swine nutrition.....	760 00
304. Welding Research Council: to the Department of Civil Engineering to investigate the effects of welding and stress relief treatments on the low temperature behavior of steel plate weldments..	12 500 00
305. Whirlpool Corporation, St. Joseph, Michigan: to the Department of Food Technology for studies on freeze drying of beef.....	2 500 00
306. Wisconsin-Minnesota Cooperative Bull Stud Group, Shawano, Wisconsin: to the Department of Dairy Science for research....	5 000 00
<i>Total, Funds for Graduate Fellowships and Research.....</i>	<i>\$1 741 878 64</i>
<i>Funds for Educational, Research, and Cultural Facilities</i>	
307. Abbott Laboratories, North Chicago: to the College of Veterinary Medicine for the preparation of a film on Leptospirosis....	3 000 00
308. University of Illinois Alumni Association: for modernization of alumni records	20 000 00
309. American Accounting Association: to the Department of Accountancy for publishing an academic bulletin.....	300 00
310. American Mathematical Society: to the Department of Mathematics for publication of a Journal of Mathematics (also financed in part by assignments from the George A. Miller Endowment)...	1 200 00
311. The Babcock and Wilcox Company, New York, New York: to the College of Engineering, an unrestricted gift for engineering and technical education.....	1 150 00
312. Continental Can Company, New York, New York: to the College of Engineering to develop closer student-faculty relations.....	500 00
313. Miss Doris Duke: to the Center for Russian Language and Area Studies, for the period 1961-66.....	151 996 23
314. The Ford Foundation, New York, New York.....	45 525 00
For the participation of the Extension Service in Agriculture and Home Economics in an educational program relating to public affairs and public responsibility.\$16 000 00	
For a program of legislative internships with the General Assembly of Illinois under the administration of the Institute of Government and Public Affairs. This is the first payment of a grant of \$148,068 to assist in financing for a six-year period a program of legislative	

internships. Interns will be selected by a committee which includes officers of the General Assembly and representatives from Illinois Institute of Technology, Northwestern University, Southern Illinois University, the University of Chicago, and the University of Illinois.....		29 525 00
315. The Glidden Company, Cleveland, Ohio: for the Glidden Company lecture in chemistry.....	500 00	
316. Illinois Association of Chiefs of Police: to the Police Training Institute for police training.....	438 00	
317. Illinois State Academy of Science: to the Physical Plant Department for expenses in connection with the Junior Academy of Science Conference held on the University of Illinois campus....	4 500 00	
318. Institute of Life Insurance, New York, New York: for a workshop on education in family finance.....	8 483 00	
319. Inter-University Committee on Travel Grants: travel expenses for members of the faculty in connection with their participation in the program of exchange of graduate students and young faculty members with the Soviet Union.....	1 666 00	
320. Kappa Tau Alpha, national honorary society in journalism: for expenses for an annual journalism banquet.....	225 00	
321. National Education Association: to the Bureau of Educational Research for publication of a handbook.....	3 000 00	
322. Purdue Research Foundation: to the Office of Instructional Television (The University of Illinois is one of twenty colleges and universities serving as resource institutions for the Midwest Program on Airborne Television instruction. The funds received are primarily for salaries, travel, and office expense incurred in assisting the public schools in eastern Illinois to receive, use, and evaluate these experimental programs.).....	9 872 96	
323. Sport Fishing Institute: to the State Natural History Survey for purchase of equipment needed for a pond research project.....	500 00	
324. Thompson-Ramo Wooldridge, Inc.: to the Department of Electrical Engineering for purchase of equipment needed in research and teaching	1 000 00	
325. Tile Council of America, Inc., New York, New York: to the Department of Architecture for the purchase of equipment.....	250 00	
326. United Nations Institute of International Education: to the Department of Chemistry and Chemical Engineering to reimburse the Department for equipment purchased for the researches of a graduate student enrolled under the sponsorship of the United Nations.....	1 100 00	
327. Socony Mobil Oil Company, Inc. (\$4,000) and Sun Oil Company (\$2,000): to the Department of Chemistry and Chemical Engineering for the purchase of a Pace Teaching Model Analog Computer.....	6 000 00	
<i>Total, Funds for Educational, Research, and Cultural Facilities...</i>		\$261 206 19

Educational Grants Fund

The Board of Trustees has established this fund and has authorized the President to make assignments from it for nonrecurring educational purposes. The income is grants from foundations, business and industrial corporations to the University in recognition of the educational costs involved in accepting fellowships and scholarships, and of the service expense in administration of research grants. Contributions deposited in this fund were received from:

328. The Alcoa Foundation, Pittsburgh, Pennsylvania.....	\$ 125 00
329. Armco Steel Corporation, Middletown, Ohio.....	100 00
330. The Budd Company, Philadelphia, Pennsylvania.....	320 00
331. Campbell Soup Company, Chicago.....	7 000 00
332. Cerro de Pasco Corporation, New York, New York.....	500 00
333. Carl C. Conway Scholarship Foundation, New York, New York..	600 00

334. General Electric Foundation.....	4 000 00
335. Samuel J. Greenberg, Brooklyn, New York.....	25 00
336. The Hunt Foundation, Pittsburgh, Pennsylvania.....	125 00
337. International Business Machines Corporation.....	9 010 00
338. The International Nickel Company, Inc., New York, New York..	500 00
339. Owens-Corning Fiberglas Corporation, Toledo, Ohio.....	500 00
340. Owens-Illinois Corporation, Toledo, Ohio.....	1 200 00
341. Mr. H. L. Parrish, Beaumont, California.....	10 00
342. The Rockefeller Foundation, New York, New York.....	4 000 00
343. Hiram Walker-Gooderham and Worts Limited, Walkerville, Ontario, Canada	350 00
<i>Total, Educational Grants Fund.....</i>	<i>\$ 28 365 00</i>

Contributions from County Farm and Home Bureaus

344. To the Extension Service in Agriculture and Home Economics for partial payment of salaries and operating expenses of farm and home advisers.....	\$1 100 264 60
These contributions have not been reported as gifts in previous years.	

Gifts for Educational and Research Buildings and for Other Facilities

345. Miss Ethel Burnside, Paris: for construction of the Burnside Research Laboratory	\$ 50 058 09
346. The Moorman Company Fund, Quincy: for buildings, equipment, and other facilities for animal breeding research.....	50 000 00
347. University of Illinois Foundation: partial interest in the Hott Memorial Center, Monticello (the gift of property from Mr. and Mrs. Maxwell R. Hott of Monticello, valued at \$320,000, will be made over a period of years and the University of Illinois Foundation serves as Trustee for the University in the conveyance of the property)	20 133 34
348. For construction of the Institute of Labor and Industrial Relations Building	95 781 80
American Federation of Labor-Congress of Industrial Organizations.....	\$50 000 00
Central Illinois Public Service.....	500 00
Illinois Bell Telephone.....	1 000 00
Illinois State Federation of Labor-Congress of Industrial Organizations	37 531 80
Magnavox Foundation, Inc., Ft. Wayne, Indiana.....	2 500 00
Nilsen Manufacturing Company, Addison.....	750 00
Northern Illinois Gas Company.....	1 000 00
Union Starch and Refining Foundation, Columbus, Indiana.....	2 500 00
<i>Total, Gifts for Educational and Research Buildings and for Other Facilities</i>	<i>\$215 973 23</i>

Federal Grants for Buildings and Other Facilities

349. National Science Foundation.....	\$181 700 00
350. National Institutes of Health.....	40 000 00
<i>Total, Federal Grants for Buildings and Other Facilities.....</i>	<i>\$221 700 00</i>

United States Government Grants and Research Contracts

351. Air Force	\$2 194 203 61
352. Army Chemical Corps.....	62 531 73
353. Army Ordnance.....	351 355 68
354. Army Quartermaster Corps.....	12 100 14
355. Army Signal Corps.....	1 644 901 69
356. Army Surgeon General.....	101 315 51
357. Atomic Energy Commission.....	1 261 998 41
358. Army Institute.....	1 693 50
359. Bureau of Public Roads.....	25 865 37
360. Defense Atomic Support Agency.....	4 981 05

361. Department of Agriculture.....	64 602 72
362. Department of Interior.....	650 00
363. Engineering Center.....	36 905 29
364. Federal Housing Authority.....	2 000 00
365. Fifth Army	1 539 00
366. International Cooperation Administration.....	633 930 70
367. National Academy of Sciences.....	25 490 58
368. National Aeronautics and Space Administration.....	116 484 00
369. National Defense Education Act.....	5 243 00
370. National Science Foundation.....	2 195 842 98
371. Naval Training Center.....	15 798 83
372. Navy Bureau of Ships.....	317 948 70
373. Office of Education.....	586 965 00
374. Office of Naval Research.....	2 287 986 06
375. Office of Vocational Rehabilitation.....	81 884 18
376. Public Health Service.....	1 777 366 56
377. Small Business Administration.....	16 300 00
378. Tennessee Valley Authority.....	4 367 36

Total, United States Government Grants and Research

Contracts..... \$13 832 251 65

Research and Public Service Contracts with State of Illinois Agencies

379. State Public Aid Commission.....	\$ 13 000 00
380. State Superintendent of Public Instruction.....	10 871 80
381. State Department of Agriculture.....	58 167 92
382. State Department of Public Welfare.....	26 868 24
383. Cities and Villages Municipal Problems Commission.....	19 000 00
384. State Department of Public Works and Buildings, Division of Highways	362 824 64
385. State Housing Board.....	30 000 00
386. Department of Registration and Education.....	14 065 85
387. Department of Public Safety.....	74 919 92
388. State Library	19 489 87
389. State Department of Conservation.....	83 000 00

*Total, Research and Public Service Contracts with State of
Illinois Agencies*

\$712 208 24

Equipment and Works of Art

390. Butler Manufacturing Company, Kansas City, Missouri: to the Department of Agricultural Engineering, twelve feet by twenty- four feet Stor-Tite silo with sweep auger unloader; estimated value.....	\$ 3 200 00
391. Ford Division of the Ford Motor Company, Dearborn Michigan: to the Department of Mechanical and Industrial Engineering, a Ford Falcon engine; estimated value.....	500 00
392. Griffin Wheel Company, Bensenville: to the Department of Ceramic Engineering, a 30 K.W. Ajax induction melting unit; estimated value	2 500 00
393. Dr. Howard R. Miller, Urbana: to the School of Music, a Stein- way grand piano; estimated value.....	2 000 00
394. Sangamo Electric Company, Springfield: to the Department of Electrical Engineering, four transformers; estimated value.....	433 00
395. Dr. Herbert Zim, formerly a member of the faculty: to the Museum of Natural History, several Indian items; estimated value	141 00
396. Gifts to the Krannert Art Museum: Mr. Kurt Berger, New York, New York: a painting "Les Iles d'Arves," by Roger Montadon; estimated value.....	900 00
Mr. and Mrs. H. H. Balter, New York, New York: a collage "Orange Square," by Leon Manso, presented in memory of Jesse Kurtz; estimated value.....	450 00
Mr. Herman E. Cooper, New York, New York: a painting "Mer d'Orage," by Gustave Courbet; estimated value.....	10 000 00

Mr. John R. Dewson, Prairie View: an etching "Abraham and Isaac," by Rembrandt; estimated value.....	150 00
Mr. Louis Moss, Chicago: three paintings—"Portrait of a Lady," by Anton van Dyck (valued at \$5,000), "The Coin Collector," by Adriaen Brouwer (valued at \$4,500), and "Portrait of George Washington," by Jane E. Stuart (valued at \$2,000); value	11 500 00
Mr. Grant J. Pick, Chicago: a drawing by Berthe Morisot; estimated value	950 00
<i>Total, Equipment and Works of Art.....</i>	<i>\$ 32 724 00</i>
<i>Total, Colleges and Schools at Urbana-Champaign.....</i>	<i>\$18 594 291 56</i>

Colleges and Schools at the Medical Center in Chicago

Scholarships, Prizes, and Other Financial Aids

397. American Foundation for Pharmaceutical Education: two scholarships in pharmacy.....	\$ 400 00
398. Miss Bertha Berkelhamer: for the annual Doctor Ralph C. Berkelhamer Scholarship	100 00
399. Mr. I. Arrove: for the Charles P. Bondy Memorial Scholarship in pharmacy	100 00
400. Borden Company Foundation, Incorporated: for scholarships in medicine.....	2 500 00
401. The Ford Hopkins Drug Company: scholarship in pharmacy....	200 00
402. Galler Drug Company: two scholarships in pharmacy.....	400 00
403. Goldenrod Ice Cream Company, Chicago: two scholarships in pharmacy.....	400 00
404. Humiston-Keeling and Company, Chicago: two scholarships in pharmacy.....	400 00
405. Lag Drug Company: scholarship in pharmacy.....	200 00
406. Osco Drug Company, Inc.: scholarships in pharmacy.....	800 00
407. Sargent's Drug Stores: scholarship in pharmacy.....	200 00
408. The Stineway Drug Company: scholarship in pharmacy.....	200 00
409. J. M. Thomas: scholarship in pharmacy.....	200 00
410. Women's Auxiliary of the Chicago Professional Colleges: scholarships in dentistry, medicine, pharmacy, and nursing.....	2 000 00
411. Various donors: to the Michael Henry Streicher Memorial Fund for scholarships (the late Dr. Streicher was a member of the faculty of the College of Medicine).....	52 26
412. Block Drug Company, Jersey City, New Jersey: for an award in an essay competition for seniors in dentistry.....	200 00
413. Dr. Lester D. Kaplin, an alumnus of the College of Dentistry: for prizes to students in the graduating class excelling in clinical dentistry.....	50 00
414. Midwest Oral Rehabilitation Study Group, Chicago: For the Stanley D. Tylman Award for a fourth-year student who is outstanding in the gnathic phase of clinical dentistry.....	100 00
415. Dr. E. Frank Goodman, Bell Gardens, California: to the Aaron Goodman Memorial Loan Fund in the College of Medicine (this fund was established in 1958 in memory of Dr. Goodman's father)	250 00
416. The Merck Company Foundation, Rahway, New Jersey: for the George W. Merck Memorial Loan Fund to provide loans to interns and residents.....	4 000 00
417. Fred D. Nolen: for the Kaeser Loan Fund.....	20 25
418. Jessie Smith Noyes Foundation: for student loans.....	3 175 00
419. Women's Auxiliary of the Chicago Professional Colleges: for student loans	3 000 00
<i>Total, Scholarships, Prizes, and Other Financial Aids.....</i>	<i>\$ 18 947 51</i>

Funds for Fellowships and Research

420. American Cyanamid Company, Lederle Laboratories, Pearl River, New York: two summer session fellowships in medicine.....	\$ 1 200 00
421. Asthmatic Children's Aid, Chicago: to the Department of Medicine for a fellowship.....	1 200 00

422. Arthur Keating, Chicago: fellowship in dentistry in honor of Dr. B. Z. Rappaport..... 400 00
423. Tobacco Industry Research Committee, New York, New York: for a summer session fellowship..... 500 00
424. The Upjohn Company, Kalamazoo, Michigan: fellowships in pharmacology..... 3 000 00
425. Abbott Laboratories, North Chicago..... 2 500 00
 To the Department of Dermatology for research on microanatomy of hair \$ 1 000 00
 To the Department of Pharmacology for research..... 1 500 00
426. American Cancer Society, Inc., New York, New York..... 132 827 72
 To the Institutional Grants Committee for allocation to various departments in the College of Medicine for cancer research \$25 981 39
 To the Department of Biological Chemistry for a study of the separation of enzymes from normal and pathological serum using cellulose ion exchangers..... 21 418 12
 To the Department of Biological Chemistry for a study of the specificity of glycolytic pathway enzymes..... 19 627 67
 To the Department of Obstetrics and Gynecology for a study of experimental dysplasia of the uterine cervix... 7 436 12
 To the Department of Pathology for a study of cell changes in the evolution of malignancy..... 5 313 50
 To the Department of Physiology for research on permeability of mitochondria..... 10 513 72
 To the Department of Physiology for research on energy source of anoxic hepatomas..... 9 669 00
 To the Department of Surgery for an investigation of cellular damage observed in human tumors treated in tissue culture with anticancer compounds..... 32 868 20
427. American Cyanamid Company, Lederle Laboratories, Pearl River, New York 11 938 00
 To the Department of Medicine for investigative work on infectious diseases and related fields..... \$ 8 900 00
 To the Department of Preventive Medicine for the same 1 100 00
 To the Department of Preventive Medicine for an investigation of antihypertensive properties of CL..... 1 938 00
428. American Heart Association: to the Department of Medicine for investigations of the kidney in health and disease..... 500 00
429. American Limb and Orthopedic Company: to the Department of Orthopaedic Surgery for the Orthopaedic Amputee Clinic Fund..... 681 00
430. American Medical Education Foundation, Chicago: to the College of Medicine for research..... 34 647 98
431. Ames Company, Inc., Miles Laboratories, Inc. Division: to the Department of Neurology and Neurological Surgery for a study of the evaluation of anticonvulsants..... 2 520 00
432. Arthritis and Rheumatism Foundation, Illinois Chapter, Chicago: to the Department of Medicine for a study of renal lesions through serial kidney biopsies..... 1 000 00
433. Brain Research Foundation: to the Department of Neurology and Neurological Surgery for an analysis of 4,000 electroencephalograms on contagious disease hospital patients..... 2 240 12
434. Bristol Laboratories, New York, New York: to the Department of Medicine for a study of susceptibility of staphylococci to penicillin '1497' 6 693 00
435. Chicago Heart Association..... 18 130 00
 To the Department of Medicine for a study of hepatic and myocardial factors in the production of digitalis toxicity..... \$ 2 500 00
 To the Department of Preventive Medicine for a study of the biochemical, medical, and psychological param-

	eters of the acute pressor response in hypertensive subjects.....	6 580 00
	To the Department of Surgery for a study on dacron prosthesis for right heart outflow tract.....	2 450 00
	To the Department of Surgery for a study of experimental production of renal hypertension.....	6 600 00
436.	Children's Research Foundation: to the Department of Psychiatry for research on Tay-Sachs disease.....	500 00
437.	Ciba Pharmaceuticals: to the Department of Biological Chemistry for studies of streptococcal cell walls.....	4 800 00
438.	Dr. Warren H. Cole, Chicago: initial payment to establish a living trust for research, College of Medicine.....	2 000 00
439.	Deerfield-Bannockburn United Fund, Inc.: to the Department of Surgery for cancer research.....	1 462 50
440.	Department of Public Health, State of Colorado: to the Department of Fixed Partial Prosthodontics for the Mary Lloyd Somatoprostheses Fund	50 00
441.	Downers Grove United Fund: to the Department of Orthopaedic Surgery for research in muscular dystrophy.....	339 41
442.	Dysautonomia Association, Inc., Chicago: to the Department of Pharmacognosy and Pharmacology for research on acetylcholine metabolism in the familial dysautonomic patient.....	1 811 50
443.	Easter Seal Research Association: to the Department of Neurology and Neurological Surgery for a study of the prognostic value of electroencephalography in cerebral palsy.....	8 090 26
444.	Dr. Ward H. Eastman, Peoria: to the Department of Surgery for the Ward Eastman-James Hurlbut Fund.....	100 00
445.	Eureka United Fund.....	1 338 25
	To the Department of Surgery for cardiovascular research.....	\$ 650 00
	To the Department of Medicine for cardiovascular research.....	688 25
446.	Employees of the Federal Reserve Bank of Chicago: to the Department of Preventive Medicine for research and medical care for polio	1 000 00
447.	Geigy Pharmaceuticals, Ardsley, New York.....	8 250 00
	To the Department of Medicine for a study of comparison of chlorthalidone with the thiazidines.....	\$ 1 500 00
	To the Department of Pharmacology for a study of action of autonomic drugs on the central nervous system.....	6 750 00
448.	Illinois Federation of Women's Clubs, Chicago: to the Department of Surgery for cancer research.....	1 000 00
449.	Illinois Heart Association.....	4 950 00
	To the Department of Medicine for a study of hepatic and myocardial factors in the production of digitalis toxicity.....	\$ 2 500 00
	To the Department of Surgery for a study of dacron prosthesis for right heart outflow tract.....	2 450 00
450.	International College of Surgeons, Chicago: to the Department of Orthopaedic Surgery for a research program on neuromuscular disabilities.....	3 000 00
451.	Ivy Cancer Research Foundation, Chicago: to the Department of Clinical Science for studies on the remission of galactose cataract in rats	3 300 00
452.	Kidney Disease Foundation of Illinois, Chicago: to the Department of Medicine for a study of renal lesions induced by heterologous insulin; an example of foreign protein nephritis.....	1 250 00
453.	Lakeland Foundation, Chicago: to the Department of Clinical Science for a study of an attempt to isolate the growth stimulating and inhibiting agents from the liver or intestinal mucosa..	3 300 00
454.	Leukemia Research Foundation: to the Department of Biological Chemistry for a study of biosynthesis of plasma glycoproteins....	14 195 00

455.	Licensed Beverage Industries, Inc., Chicago: to the Department of Pharmacology for a study of metabolism of ethyl alcohol.....	6 400 00
456.	Eli Lilly and Company: to the Department of Dermatology for a study of the effect of vehicle and of skin lesion of the cutaneous absorption of steroids.....	2 500 00
457.	Allan M. Loeb, Chicago: to the Department of Surgery for cardiovascular research.....	2 000 00
458.	Lions International Club, Norris City: to the Department of Surgery for the Norris City Cancer Research Fund.....	600 00
459.	Merck, Sharp, and Dohme Research Laboratories.....	7 500 00
	To the Department of Medicine for cancer research...\$ 2 500 00	
	To the Department of Preventive Medicine for a study of the effect of therapeutic agents on some perceptual and psychometric tests in man.....	5 000 00
460.	Midwest Dental Company, Chicago: to the Department of Operative Dentistry for a study of the use of ultra-high rotary speeds in operative dentistry.....	1 000 00
461.	National Association for Mental Health, Inc.: to the Department of Psychiatry for research in schizophrenia.....	7 725 00
462.	National Foundation: to the Department of Preventive Medicine for the Respiratory Center.....	58 770 10
463.	National Fund for Medical Education: to the Department of Pharmacology for research.....	5 500 00
464.	National Multiple Sclerosis Society, New York, New York.....	20 020 00
	To the Department of Neurology and Neurological Surgery for the multiple sclerosis twin study.....\$ 8 020 00	
	To the Department of Psychiatry for a study of the participation of brain lipids in metabolic processes of the brain.....	12 000 00
465.	National Society for Crippled Children and Adults, Inc.: to the Department of Pedodontics for a study on tooth ring analysis of handicapped children.....	1 000 00
466.	George S. Oberne, Chicago: to the Department of Surgery for the Alva M. Oberne Cancer Research Fund.....	200 00
467.	Chas. Pfizer and Company, Brooklyn, New York: to the Department of Biological Chemistry for a study of the metabolism of glucosamine.....	6 225 00
468.	Roanoke Area United Funds Appeal, Roanoke: to the Department of Surgery.....	850 00
	For heart research.....\$ 300 00	
	For cancer research.....	550 00
469.	Ruberoid Company, La Grange: to the Department of Psychiatry for research.....	60 00
470.	Sandoz Pharmaceuticals, Hanover, New Jersey.....	25 000 00
	To the Department of Preventive Medicine for a study of the newer methods of evaluating analgesic agents in man.....	\$10 000 00
	To the Department of Preventive Medicine for a study of hypertension and headache mechanisms.....	10 000 00
	To the Department of Medicine for a study of chemical mediators.....	5 000 00
471.	G. D. Searle and Company, Chicago: to the Department of Medicine.....	14 000 00
	For studies on electrolyte metabolism and aldosterone antagonism.....\$12 000 00	
	For treatment of hypertension with diuretics and aldosterone.....	2 000 00
472.	Smith, Kline, and French Laboratories, Philadelphia, Pennsylvania: to the Department of Medicine for antiviral chemotherapy research.....	18 933 00
473.	E. R. Squibb and Company: to the Department of Medicine....	2 750 00
	For an investigation of hypotensive drugs.....\$ 500 00	
	For a clinical evaluation of flumethazide.....	2 250 00

474. The Squibb Institute for Medical Research: to the Department of Preventive Medicine for research.....	4 615 31
475. The Dorothy Stern Foundation, Chicago: to the Department of Preventive Medicine for the welfare of polio patients.....	1 200 00
476. Teagle Foundation, Inc., New York: to the Department of Psychiatry for paralysis agitans research.....	8 000 00
477. The Tuberculosis Institute of Chicago and Cook County.....	1 280 93
To the Department of Medicine for a study of chronic pulmonary fibrosis, emphysema, and bronchiectasis by means of pulmonary function tests.....\$	880 93
To the Department of Microbiology for a study of the effects of immunological tolerance on the pathogenesis of avian tuberculosis.....	400 00
478. United Cerebral Palsy Research and Educational Foundation, Inc.: to the Department of Pedodontics for studies on tooth ring analysis in children with cerebral palsy.....	2 500 00
479. University of Chicago: to the Department of Medical Social Service for research.....	8 471 33
480. The Upjohn Company, Kalamazoo, Michigan: to the Department of Surgery for research on steroids.....	4 500 00
481. Winthrop Laboratories: to the Department of Surgery for studies in cardiovascular and respiratory functions during anesthesia.....	1 900 00
482. Various donors: to the Department of Surgery for the Helfrich Cancer Research Fund.....	371 00
<i>Total, Funds for Fellowships and Research.....</i>	<i>\$494 586 41</i>

Funds for Educational and Research Programs

483. Abbott Laboratories, North Chicago: to the Department of Pharmacology for seminars.....\$	500 00
484. Anonymous donors:	
To the Department of Otolaryngology for the Audiology fund...	81 00
To the Library.....	53 00
To the Department of Neurology and Neurological Surgery.....	5 00
To the Pediatric Drug Fund for Nephritic Children.....	500 00
485. Chicago Community Trust.....	1 990 00
To the Department of Dermatology for purchase of a Stereo Atlas of Dermatology.....\$	990 00
To the Library for the purchase of dermatological materials.....	1 000 00
486. Class of 1960, College of Dentistry: to the Department of Applied Materia Medica and Therapeutics for the purchase of a Hi-Fi system for its clinic.....	125 00
487. The Commonwealth Fund, New York, New York: to the College of Medicine for a study and evaluation of the program in medical education (this is the last payment of a \$112,000.00 grant in support of a two-year pilot program reported to the Board on December 17, 1958).....	56 000 00
488. W. K. Kellogg Foundation, Battle Creek, Michigan: for the teacher education program in the College of Dentistry.....	28 000 00
489. Markle Foundation: to the Department of Psychiatry for a faculty award.....	6 000 00
490. National Fund for Medical Education: instructional grants.....	58 860 00
491. Physicians and Dentists Foundation: to the Library for purchase of medical books.....	250 00
492. Dr. W. F. Sargent: to the Library's Miscellaneous Gift Fund...	20 00
493. The Upjohn Company, Kalamazoo, Michigan: to the Department of Biological Chemistry for support of graduate teaching.....	3 000 00
494. Watson Gailey Eye Foundation, Bloomington: to the Department of Ophthalmology for support of a resident training program....	1 000 00
495. Various donors: to the Division of Services for Crippled Children.....	71 699 16

496.	Various donors: to the Department of Medicine.....	1 575 00
	Anonymous donor for the Mark Bahlman memorial...\$	10 00
	Community Council of the Princeville area.....	250 00
	Delavan Community Chest, Delavan.....	400 00
	Greater Chicago Chapter of the Leukemia Society, Chicago.....	500 00
	Mrs. August R. Ortlepp, Blue Island.....	15 00
	Student Body of the Plano Community High School, Plano.....	400 00
497.	Various donors: for the Occupational Therapy Gift Fund.....	277 51
	Business Office Employees, University of Illinois, Chi- cago.....\$	12 51
	Frank Cox.....	25 00
	Oak Park Congregational Church.....	15 00
	Women's Auxiliary of the Chicago Professional Col- leges.....	225 00
498.	Various donors: to the Department of Orthodontics.....	1 350 00
	Dr. M. Peter Breidt, Paterson, New Jersey.....\$	100 00
	Dr. Andrew J. Haas, Cuyahoga Falls, Ohio.....	200 00
	Dr. Robert R. McGonable, Euclid, Ohio.....	1 000 00
	Dr. Fred D. Nolen, Carbondale.....	50 00
499.	Various donors: for the Orthopaedic Gift Fund.....	1 735 55
	State Representative George W. Dunne, Chicago.....\$	150 00
	Kappa Alpha Theta Sorority.....	478 45
	Women of the Rotary Club of Chicago.....	1 107 10
500.	Various donors: for the College of Medicine Otolaryngologic Fund for educational expenditures.....	7 070 00
	Dr. Edward L. Chainski, Lake Bluff, Illinois.....\$	50 00
	Dr. Roland A. Kowal, Oak Park.....	20 00
	Mrs. Francis L. Lederer.....	1 000 00
	Dr. Francis L. Lederer, College of Medicine.....	1 000 00
	Nathan Manilow, Chicago.....	5 000 00
501.	Various donors: to the Research and Educational Hospitals....	1 285 00
	Anonymous donors to the Patient Lounge Gift Fund..\$	70 00
	Mr. and Mrs. Glenn Christensen and Mr. and Mrs. Irwin Peth for the Louise M. Rogers Special Duty Nursing Fund.....	15 00
	Dr. David D. Henry, for purchase of television set....	200 00
	Women's Auxiliary of the Chicago Professional Col- leges for the Patient Lounge Fund.....	1 000 00
502.	Various donors: to the Department of Surgery for research....	1 192 62
	Anonymous.....\$	100 00
	Mr. and Mrs. P. K. Bryant.....	10 00
	Mrs. S. I. Finney.....	10 00
	Mrs. David H. Jones.....	32 00
	Sergeant and Mrs. Albert J. Kairis.....	10 00
	Mrs. Margaret Kamrath.....	100 00
	Mrs. F. P. Minton and the members of the Instruction Department of the American School in memory of Mr. Arthur Lariviere.....	20 00
	National Board Examinations.....	64 62
	Dr. William Requarth, Decatur.....	500 00
	Mrs. Carl A. Sorling.....	100 00
	Mr. Henry J. Szostak, Chicago.....	100 00
	Mrs. Mary Tagliapietra, Highland Park.....	110 00
	Various donors in memory of Irene Wolsic.....	11 00
	Mr. Eugene F. Welter, Chicago.....	25 00
	<i>Total, Funds for Educational and Research Programs.....</i>	<i>\$242 568 84</i>
<i>Federal Grants for Buildings and Other Facilities</i>		
503.	National Science Foundation.....	\$ 17 300 00
504.	National Institutes of Health.....	3 563 00
	<i>Total, Federal Grants for Buildings and Other Facilities.....</i>	<i>\$ 20 863 00</i>

United States Government Grants and Research Contracts

505. Air Force	\$ 13 154 03
506. Army Chemical Corps.....	30 085 20
507. Army Surgeon General.....	264 233 60
508. Atomic Energy Commission.....	16 421 88
509. National Science Foundation.....	69 555 58
510. Office of Naval Research.....	114 776 74
511. Office of Vocational Rehabilitation.....	16 311 57
512. Public Health Service.....	1 765 207 17

Total, United States Government Grants

and Research Contracts.....\$2 289 745 77

Research and Public Service Contracts with State of Illinois Agencies

513. State Department of Public Welfare.....	\$169 326 79
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Equipment, Library Materials, and Works of Art

514. Birtcher Corporation, Los Angeles, California: to the Department of Oral Surgery, a Hyfrecator; estimated value.....	\$ 96 00
515. Mr. and Mrs. William Fay: to the Department of Pediatrics, a stroller; estimated value.....	20 00
516. J. N. Johnson: to the Research and Educational Hospitals, a wall clock; estimated value.....	15 00
517. Mrs. Helen Mack, Chicago: to the Research and Educational Hospitals (Pediatric Ward), a stroller; estimated value.....	19 95
518. Ritter Company, Deerfield: to the Department of Operative Dentistry, an audio-analgesic device called an Audiatic; estimated value.....	1 600 00
519. David Wexler Company, Chicago: to the Department of Occupational Therapy, ten ukuleles for the music therapy program; estimated value	29 80
520. WLS Christmas Neighbors Club: to the Research and Educational Hospitals, four Philco table model radios.....	
521. Women's Auxiliary of the Illinois Pharmaceutical Association: three ash trays, three waste baskets, one floor lamp and one large hassock; estimated value.....	50 00
522. General Dynamics Corporation: to the Department of Surgery, a Morch surgical respirator; estimated value.....	1 400 00

Total, Equipment, Library Materials, and Works of Art.....\$ 3 230 75

Total, Colleges and Schools at the Medical Center in Chicago...\$3 239 269 07

Chicago Undergraduate Division

523. American Steel Foundries, Chicago: to the College of Engineering.....	\$ 250 00
524. Chicago Community Trust of the Elizabeth McCormick Memorial Fund: to defray expenses incurred by the Chicago Undergraduate Division Library in taking over the Elizabeth McCormick Library	3 000 00
525. Council on Library Resources, Inc., Washington, D.C.: for a study of the application of advanced data processing techniques to the procedures of a university library.....	50 000 00
526. Various donors: to the Student Loan Fund	
American Society of Tool and Manufacturing Engineers, Chapter No. 5, Chicago.....	100 00
Women's Architectural League of Chicago.....	2 900 00
Various donors	400 00
<i>Total.....</i>	\$ 56 650 00
527. National Science Foundation.....	\$ 8 389 64
528. Public Health Service.....	2 277 00
<i>Total.....</i>	\$ 10 666 64

Total, Chicago Undergraduate Division.....\$ 67 316 64

Gifts to the University of Illinois Foundation

529. Continuing Projects (formerly the Illini Achievement Fund)....	\$237 299 86
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530. Other Funds for Current Purposes.....	93 226 47
531. Endowment Funds	88 997 19
532. Funds for Physical Plant Purposes.....	24 356 66
<i>Total, Gifts to the University of Illinois Foundation.....</i>	<i>\$443 880 18</i>

Summary

Funds from Private Donors

To the University	
Total for Urbana-Champaign.....	\$ 3 578 131 67
Total for Chicago Colleges.....	815 983 51
	(\$4 394 115 18)
To the University of Illinois Foundation.....	443 880 18
<i>Total.....</i>	<i>\$ 4 837 995 36</i>

Funds from United States Government

Total for Urbana-Champaign (including \$250,000.00 from National Defense Education Act for Student Loan programs for all campuses).....	\$14 303 951 65
Total for Chicago Colleges.....	2 321 275 41
<i>Total.....</i>	<i>\$16 625 227 06</i>

Funds from Contracts with State of Illinois Agencies

Total for Urbana-Champaign.....	\$ 712 208 24
Total for Chicago Colleges.....	169 326 79
<i>Total.....</i>	<i>\$ 881 535 03</i>
<i>Grand Total</i>	<i>\$22 344 757 45</i>

This report was received for record.

PRESIDENT'S REPORT ON SELECTED TOPICS OF CURRENT INTEREST

(18) President Henry presented a report on a number of subjects of significant current events and items of interest. Copies of the complete report were distributed at the meeting, and a copy was filed with the Secretary for record.

At this point, Mr. Harewood joined the meeting.

RECENT ENROLLMENT TRENDS AND REVISED PROJECTIONS

(19) Executive Vice-President and Provost Lanier presented a report on recent enrollment trends and revised projections, covering the period from the first semester of 1959-60 through the first semester of 1965-66. An outline of his presentation was distributed at the meeting, and a copy has been filed with the Secretary for record.

FACULTY CONFERENCE ON THE ROLE OF THE UNIVERSITY IN INTERNATIONAL EDUCATION

(20) On December 2, 1961, the President of the University convened a special faculty conference in which one hundred members of the faculty representing all three campuses of the University participated in an all day and evening discussion of the role of the University in international affairs to assess the University's present activities in this area, and to consider means of meeting its future responsibilities.

The conference was planned and organized by a Steering Committee: Richard Butwell, Associate Professor of Political Science, Chairman; J. B. Casagrande, Professor and Head of the Department of Anthropology; H. G. Halcrow, Professor and Head of the Department of Agricultural Economics; P. P. Klassen, Professor of Sociology, Chicago Undergraduate Division; J. W. Peltason, Professor of Political Science and Dean of the College of Liberal Arts and Sciences; and Jack Stillinger, Associate Professor of English. The following topics were discussed: (1) Area Study Programs; (2) Non-Western Courses in the Undergraduate Curriculum; (3) Overseas Programs; (4) Training for Overseas Service.

Study materials were supplied to all of the participants in advance. In the evening, the conference was addressed by Professor George E. Taylor, Director of the Russian and Far Eastern Institute, University of Washington (Seattle). At the conclusion of the conference, the following report and recommendations were adopted:

Report of President's Special Faculty Conference, December 2, 1961

The President's Special Faculty Conference on International Affairs examined a wide range of institutional and individual responsibilities inherent in the role of a great university in the second half of the twentieth century. A major assumption underlying much of the discussion was the belief that consideration and appropriate use of a comparative cross-cultural approach is essential to professional competence in most areas of teaching, research, and service.

The Conference participants adopted recommendations dealing with some ways of implementing the University's responsibilities in the light of the basic assumption noted above. These recommendations can convey neither the feeling of need and urgency nor the sense of opportunity and challenge revealed in the discussion. A persistent undercurrent of feeling voiced at the Conference was that such recommendations are not peripheral to the life of the University, but rather represent a shift in the center of gravity of the total intellectual perspective.

The recommendations should be interpreted in the context of the basic assumption, and in the light of the following needs and expectations:

(a) The need to find efficient and economic ways of closing gaps which still exist in the University's programs and activities relevant to major world areas and problems.

(b) The necessity of strengthening programs and practices basic to cross-cultural orientation, teaching, and research in all disciplines.

(c) The expectation that increasing confrontation with other major cultures will lead to improved understanding of Western culture and provide opportunities to re-examine traditional concepts.

Recommendations

1. Current University activities in international affairs should be greatly expanded.

2. The University should introduce instruction in non-Western languages.

3. The Conference notes with approval the development of the Center for Russian Language and Area Studies and the Center for Latin American Studies and recommends further strengthening of their programs of teaching and research.

4. The development of both area studies and international studies concerned with problems of global significance should be encouraged. In both cases the approach should be comparative and interdisciplinary.

5. The President is urged to clarify administrative responsibility for the development and coordination of additional area study programs, including both teaching and research, and for the recommendation of priorities.

6. The University of Illinois should develop minimal programs for important areas but should not attempt to develop programs in depth for all areas. Consideration should be given to the possibility of the Committee on Institutional Cooperation's recommending that particular universities assume responsibility for different areas.

7. Deans and executive officers of departments are urged to initiate review of the interests and requirements of their disciplines for courses with an international or foreign area emphasis, to assess faculty resources and needs, and to initiate action through normal channels to meet recognized needs.

8. It is highly desirable to introduce more non-Western subject matter whether by revision of current courses or by the addition of new courses. Additional faculty may be required for the latter.

9. The University should consider methods of improving staff competence in the international aspects of the various disciplines, including leaves with pay.

10. The University should encourage and seek financial support for a program of international faculty and student exchange.

[While the above report was approved by the participants at the President's Special Faculty Conference on International Affairs, it should not be assumed that any particular recommendation was approved by all participants.]

This report was received for record.

BEQUEST OF ELLA GRACE BROWN BURDICK

(21) The will of Ella Grace Brown Burdick, a resident of Highland Park, Illinois, who died on November 17, 1960, includes a bequest:

"To University of Illinois, an Illinois corporation, the sum of Twenty Thousand Dollars (\$20,000.00), to be invested and the income therefrom to be used for the support, maintenance, and upkeep of the Dr. Alfred S. Burdick Memorial Room in the Y.M.C.A. Building and for Y.M.C.A. activities in said building."

The University Y.M.C.A. Building in Champaign has a room so designated, but is owned and operated by the Young Men's Christian Association of the University of Illinois, a corporation separate from the University. It appears that the intention of the Testatrix can best be carried out by the University renouncing this bequest and permitting its distribution to the Board of Trustees of the Young Men's Christian Association of the University of Illinois. A petition for approval of such distribution has been filed by the Northern Trust Company and Theodore Sheldon, Executors of the estate of Ella Grace Brown Burdick, deceased, in the Probate Court of Lake County.

The Vice-President and Comptroller and the Legal Counsel recommend that the Board of Trustees renounce this bequest to the University of Illinois, and authorize the Legal Counsel to execute on its behalf such papers, documents, and pleadings as may be necessary to accomplish this purpose and to permit this bequest to be distributed to the Board of Trustees of the Young Men's Christian Association of the University of Illinois, or to such other person or corporation as the Court may designate.

I concur.

On motion of Mr. Johnston, this recommendation was approved.

SETTLEMENT WITH CONTINENTAL BUILDERS, INC.

(22) In March, 1949, Continental Builders, Inc., an Illinois corporation, having submitted the lowest bid for the general work in connection with the construction of the Florida Avenue-Race Street Faculty Housing Project, was awarded the contract for that work.

Under the provisions of that contract, Continental Builders, Inc. was required to furnish a performance bond, in an amount and with sureties satisfactory to the University, within thirty days after the opening of the sealed bids. When that bond was not promptly furnished and it became evident that Continental Builders, Inc. was experiencing difficulty in securing and furnishing it, the Board of Trustees, at its April, 1949, meeting, took action directing that, if the bond would not be furnished before the expiration of the thirty-day period, the award of the contract to Continental Builders, Inc. would be set aside and new bids would be taken for the contract for the general work upon the project.

On the last day for furnishing the bond, the University was notified that United Pacific Insurance Company had agreed to execute it as surety. However, that company did not then have the rating required by the University in the last publication of Bests Guide. For this reason, the University notified Continental Builders that it would not accept a bond executed by that surety company as surety and, when no other performance bond was tendered the following day, the award of the contract to Continental Builders, Inc. was set aside and its bid deposit in the sum of \$10,792.95 was forfeited and retained by the University.

Claiming that the University's above mentioned actions were unreasonable, wrongful, and unlawful, and that it is entitled to a refund of its bid deposit plus interest thereon and to recover from the University other damages it alleges it sustained by reason of the foregoing, Continental Builders, Inc. instituted suit against the University in the Superior Court of Cook County, Illinois, in April, 1954. In that suit, it prays judgment against the University in the sum of \$70,000 and the costs of suit.

Since the suit was instituted it has developed that, although United Pacific Insurance Company did not have in the 1948 issue of Bests Guide, which was the last published issue of that publication in April, 1949, the policyholders and financial ratings required by University regulations with respect to surety companies executing bonds running to the University, it actually had the required ratings with Bests at the time it offered to execute Continental Builders, Inc.'s performance bond and those ratings for it were shown in the 1949 issue of the Guide which was issued about two months later. Had University officials known this at the time the bond was tendered, it would have been accepted, and Con-

tinental Builders, Inc. would have been permitted to proceed with the performance of the contract.

The suit, unless settled, will be placed on the trial calendar, and will have to be tried in January. As a result of negotiations which have been conducted, and pre-trial hearings which have been held, during the past three weeks, the University has received an offer from Continental Builders, Inc. to accept \$6,500 in full settlement and satisfaction of all of the claims sued upon in the suit and asserted by it against the University.

In view of the moral obligation arising out of the fact that, unknown to the University, the surety on the last performance bond tendered by Continental Builders, Inc. possessed the required ratings at that time, and the expense and inconvenience of trying the suit, special counsel for the University (Mr. George Jirgal of Chapman and Cutler and Ralph F. Lesemann), the Legal Counsel, the Director of the Physical Plant, and the Vice-President and Comptroller recommend that this offer of settlement be accepted, and that said sum be paid Continental Builders, Inc. in return for a full and complete release against the University, approved by special counsel handling this matter for the University, and the dismissal, with prejudice to Continental Builders, Inc. and at the latter's costs, of the pending suit.

I concur.

On motion of Mr. Pogue, this settlement was authorized, as recommended.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) declinations and resignations; (4) leaves of absence; (5) cancellation of leave of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

BARRY, DENNIS R., Registered Pharmacist in Manufacturing Pharmacy (Pharmacy), nine months from December 1, 1961, \$6,500 a year (11-30-61).

BERLIN, HOWARD H., Clinical Instructor in Anesthesiology, Department of Surgery (Medicine), ten months from November 1, 1961, without salary (12-7-61).

BLUM, ALAN F., Instructor in Sociology (Chicago Undergraduate Division), $\frac{2}{3}$ time, to render service during the first semester of the academic year, September 1, 1961-January 31, 1962, \$1,120, supersedes (12-7-61).

BURDICK, CHARLES A., Cataloger in the Library, with rank of Instructor, March 26-August 31, 1962, \$7,000 a year (11-30-61).

BUTWELL, MRS. RUTH O., Program Adviser, Men's Residence Halls, $\frac{1}{4}$ time, October 16, 1961-June 15, 1962, \$156.25 a month (12-11-61).

CAIN, JOHN R., Instructor in General Engineering (C), $\frac{2}{3}$ time, and Research Associate in the Central Office on the Use of Space (Provost's Office), $\frac{1}{3}$ time, to render service during the academic year, November 1, 1961-August 31, 1962, \$6,000 a year, supersedes (11-21-61).

CHERNIACK, NEIL S., Instructor in Medicine (Medicine), 18/100 time, three months from October 1, 1961, \$100 a month, supersedes his nonsalaried appointment (11-13-61).

DADMUN, STEWART E., Instructor in Medicine (Medicine), eight months from January 1, 1962, \$6,000 a year (11-20-61).

DESMOND, JOHN J., Assistant Director of the Coordinated Science Laboratory, $\frac{1}{2}$ time, and Assistant Director of the Engineering Experiment Station, $\frac{1}{2}$ time, (C), nine months from December 1, 1961, \$14,500 a year, supersedes (11-13-61).

FLENNER, MRS. JACQUELINE W., Research Assistant in the Digital Computer Laboratory, December 1, 1961-June 15, 1962, \$466.66 a month, supersedes (12-7-61).

GEORGIU, GEORGE T., Physician in the Health Service (Chicago Professional Colleges), 3/10 time, November 13, 1961-August 31, 1962, \$3,270 a year, supersedes (11-30-61).

- GESTERFIELD, MRS. KATHRYN, Illini Union Browsing Room Librarian, with rank of Instructor, February 16-August 31, 1962, \$6,000 a year (12-5-61).
- HERNDON, MARY S., Instructor in Home Economics (C), October 1, 1961-June 15, 1962, \$5,950 (11-21-61).
- KARAKASHIAN, STEPHEN J., Research Associate in Chemistry, October 16, 1961-January 31, 1962, \$487.50 a month (12-7-61).
- KARLOWICH, ROBERT A., Bibliographer in the Library, with rank of Assistant Professor, two years from September 1, 1961, \$8,000 a year, supersedes (11-13-61).
- LIPGAR, ROBERT M., Research Assistant in Psychiatry (Medicine), $\frac{1}{4}$ time, ten months from November 1, 1961, \$2,000 a year (11-20-61).
- MANN, DENNIS K., Research Associate in Veterinary Pathology and Hygiene (Veterinary Medicine), ten months from November 1, 1961, \$8,000 a year (11-13-61).
- MARWAH, AMARJIT S., Research Associate in Oral Pathology (Dentistry), October 23, 1961-August 31, 1962, \$7,000 a year (11-13-61).
- MCCOY, GEORGE F., JR., Research Associate in the Institute for Research on Exceptional Children, $\frac{1}{3}$ time, October 15, 1961-January 31, 1962, \$228.58 a month (11-13-61).
- MOLTENI, AGOSTINO, Research Assistant in Pathology (Medicine), ten months from November 1, 1961, \$4,900 a year (11-20-61).
- NEUJAHN, HALINA, Research Associate in Animal Science (S), seven months from February 1, 1962, \$6,000 a year (12-7-61).
- PARKER, MRS. ADAH D., Instructor in Recreation (Physical Education), to render service during the second semester of the academic year, February 1-July 31, 1962, \$541.67 a month, supersedes (11-13-61).
- PEARLMAN, MAURICE D., Clinical Associate Professor of Ophthalmology (Medicine), $\frac{2}{3}$ time, indefinite tenure from September 1, 1961, \$4,500 a year, supersedes (11-27-61).
- PEELING, WILLIAM B., Instructor in Surgery (Medicine), eight months from November 1, 1961, without salary (12-7-61).
- PENN, JOHN F., Assistant Editor in the Engineering Experiment Station, eleven months from October 1, 1961, \$6,400 a year, supersedes (11-20-61).
- PESSALL, NEIL, Research Associate in Mining and Metallurgical Engineering (C), November 24, 1961-August 31, 1962, \$7,000 a year, supersedes (11-27-61).
- RANSFORD, RALPH E., Lecturer in Anatomy with rank of Assistant Professor, (Medicine), $\frac{1}{2}$ time, eight months from November 1, 1961, \$557 a month (11-24-61).
- RODDA, ERROL D., Research Associate in Agricultural Engineering (C and S), ten months from November 1, 1961, \$6,800 a year, supersedes (12-7-61).
- SCHAICH, JOHN F., Instructor in Police Training (Division of University Extension), eight months from January 1, 1962, \$7,600 a year (11-24-61).
- SCHOTLAND, HENRIETTA, Instructor in Speech Pathology, Department of Otolaryngology (Medicine), nine months from December 1, 1961, \$7,350 a year (11-13-61).
- SCHUMACHER, GEBHARD, Research Associate in the Institution for Tuberculosis Research (Medicine), four months from May 1, 1962, \$625 a month (11-30-61).
- SENGER, JOHN D., Instructor in Management, $\frac{1}{2}$ time, February 1-June 15, 1962, to render service during the second semester of the academic year, \$1,500 (11-13-61).
- STAMBAUGH, MRS. MARY K., Research Assistant in Microbiology, seven months from February 1, 1962, \$6,000 a year (12-5-61).
- STREET, NORMAN, Professor of Mining Engineering, Department of Mining, Metallurgy, and Petroleum Engineering (C), January 16-January 31, 1962, \$1,144.44 a month (11-13-61).
- TRAVAGLINI, CATHERINE, Assistant in Chemistry, $\frac{1}{2}$ time, and Research Assistant in Chemistry, $\frac{1}{2}$ time, three months from November 1, 1961, \$488.88 a month, supersedes (11-20-61).
- VENABLES, JOHN A., Research Associate in Physics (C), November 21, 1961-August 31, 1962, \$7,200 a year, supersedes (12-5-61).

- WALKER, RICHARD D., Research Associate in the Illinois State Library Research Center (Graduate School of Library Science), eight months from November 1, 1961, \$733.33 a month, supersedes (11-21-61).
- WANG, MARY R., Microanalyst in Chemistry, $\frac{1}{2}$ time, November 27, 1961-August 31, 1962, \$2,450 a year (11-30-61).
- WHITCOMB, ROBERT F., Research Associate in Botany, to render service during the first semester of the academic year, September 16, 1961-January 31, 1962, \$7,300 a year, supersedes (12-5-61).
- WICKSTEAD, GEORGE W., Professor of Landscape Architecture (City Planning and Landscape Architecture), $\frac{1}{2}$ time, September 1, 1961-February 1, 1962, \$2,000 for the period (10-24-61).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- CONRAD, H. EDWARD, Postdoctoral Fellow Trainee in Chemistry, one year from September 1, 1961, \$8,800, supersedes (11-20-61).
- GOLIK, RAYMOND J., Engineering Faculty Development Teaching Fellow in Mechanical Engineering, February 1-June 15, 1962, \$1,000 (10-23-61).
- MCADAMS, HARLEY H., JR., United States Public Health Service Fellow (Trainee) in Biophysics, one year from September 16, 1961, \$2,666, supersedes (11-16-61).
- PALMER, JERRY L., United States Public Health Service Fellow (Trainee) in Microbiology, January 1-June 15, 1962, \$1,210 (12-4-61).
- ROBBINS, PAUL C., United States Public Health Service Fellow (Trainee) in Medicine (Chicago Professional Colleges), nine months from September 1, 1961, \$600 (11-10-61).
- SAMPSON, LAWRENCE M., United States Public Health Service Fellow (Trainee) in Medicine (Chicago Professional Colleges), beginning September 16, 1961, and continuing through May 31, 1962, \$600 (11-14-61).
- ZAKI, ABD EL MOHEIM, United States Department of Health Fellow (Trainee) in Anatomy and Histology (Chicago Professional Colleges), eleven months from November 1, 1961, \$5,000 (11-7-61).

RESIGNATIONS AND DECLINATIONS

- BOZICH, BEATRICE F., Assistant in Medicine (Medicine) — declination effective December 1, 1961.
- BRUCE, DAVID L., Assistant in Anesthesiology, (Department of Surgery) (Medicine) — resignation effective October 19, 1961.
- CRIDER, QUINCY E., Assistant in Animal Science — resignation effective December 16, 1961.
- CUNNINGHAM, MRS. ELIZABETH S., Assistant in Nursing — resignation effective November 17, 1961.
- FUJIWARA, MIYUKI, Research Assistant in the State Water Survey — resignation effective January 4, 1962.
- GUIRE, PATRICK, United States Public Health Service Fellow (Trainee) in Chemistry — resignation effective September 16, 1961.
- HANSON, RICHARD S., United States Public Health Service Fellow (Trainee) in Microbiology — resignation effective November 1, 1961.
- KRAMEL, HERBERT, Fellow in City Planning — resignation effective December 1, 1961.
- McKENNA, DIANE C., National Institute of Mental Health Fellow (Trainee) in Social Work — resignation effective November 11, 1961.
- PANOS, CHARLES, Assistant Professor of Biological Chemistry (Medicine) — resignation effective December 1, 1961.
- PAOLUCCI, MRS. ANNA M., Research Associate in Animal Science — resignation effective December 9, 1961.
- RAMA RAO, P. B., Research Associate in Animal Science — resignation effective December 20, 1961.
- RUBENSTONE, ALBERT I., Clinical Assistant Professor of Pathology (Medicine) — resignation effective December 15, 1961.
- SHERMAN, CAROL L., National Institutes of Health Fellow (Trainee) in Chemistry — resignation effective December 1, 1961.

SNADER, DANIEL W., Professor of Education — resignation effective March 1, 1962.
STEIN, LASZLO, Instructor in Audiology, Department of Otolaryngology (Medicine) — declination effective September 1, 1961.

VAN NOTE, ROY N., Bibliographer in the Library, with rank of Instructor — resignation effective December 22, 1961.

WALSH, WILLIAM C., National Science Foundation Mathematics Institute Fellow in Mathematics — resignation effective December 1, 1961.

WHITCOMB, ROBERT F., Research Associate in Botany — resignation effective February 1, 1962.

LEAVES OF ABSENCE

LANDIS, MARTHA, Illini Union Browsing Room Librarian, with rank of Instructor — leave of absence, without pay, beginning February 16 and continuing through August 31, 1962, for European travel.

KARLOWICH, ROBERT A., Bibliographer in the Library, with rank of Assistant Professor — leave of absence, without pay, from February 1 through June 30, 1962.

CANCELLATION OF LEAVE OF ABSENCE

KENNEY, HAROLD E., Professor of Physical Education for Men — sabbatical leave of absence granted him for the second semester of the current academic year cancelled, without prejudice.

EXECUTIVE SESSION

On motion of Mrs. Watkins, an Executive Session was ordered for consideration of the following matters of business:

PURCHASE OF PROPERTY AT 1001 WEST GREEN STREET, URBANA

(1) The Director of the Physical Plant and the Vice-President and Comptroller recommend purchase of the property at 1001 West Green Street, Urbana, at a price of \$42,000. This property is a lot 63.6 feet frontage by 220.56 feet deep with a two-story and basement frame residence presently used as a two-apartment house.

The property is in the area approved as the site for the Illinois Street Residence Halls and will be required prior to July, 1962. It is now on the market and should be acquired promptly rather than risk its possible acquisition by others for apartment development with the consequent delays as well as an increase in price which may be encountered if the purchase is deferred.

The asking price of \$42,000 is within the range of appraisals approved by the Committee on Buildings and Grounds. If purchase is authorized now, possession will be delivered not later than February 28, 1962, and taxes will be prorated.

Funds are available in the state capital appropriations to the University for 1961-63 for land acquisition from the Universities Building Fund and have been released.

I concur.

On motion of Mr. Harewood, the purchase of this property, at the price indicated, was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CLASSIFIED GOVERNMENT RESEARCH SECURITY CLEARANCES FOR TRUSTEES

(2) The Board of Trustees hereby declares and makes said declaration a matter of record, that its Executive Committee shall act for the Board on any contracts, and business incidental thereto, dealing with classified material relating to government research, so that only the members of the Executive Committee will be required to have security clearances and to avoid the necessity of securing such clearances for all the members of the Board.

The Board of Trustees further declares that only Trustees Wayne A. Johnston, U. S. Citizen, Mrs. Frances B. Watkins, U. S. Citizen, and Kenney E. Williamson, U. S. Citizen, who are the present members of the Executive Committee, will have access to classified security information, and that Trustees Otto Kerner, U. S. Citizen, George T. Wilkins, U. S. Citizen, Earl M.

Hughes, U. S. Citizen, Timothy W. Swain, U. S. Citizen, Howard W. Clement, U. S. Citizen, Richard A. Harewood, U. S. Citizen, Harold Pogue, U. S. Citizen, and Irving Dilliard, U. S. Citizen, will not have access to classified security information.

The Secretary of the Board requests adoption of this supplementary declaration and that he be authorized to send certified copies to the government agencies concerned.

On motion of Mr. Wilkins, the foregoing declaration was adopted by the Board without a dissenting vote.

RECESS

On motion of Mrs. Watkins, the Board adjourned. Immediately following adjournment the Trustees, officers of the University, and representatives of the press were guests of the officers of the First National Bank of Chicago at luncheon.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

January 11, 1962



The January meeting of the Board of Trustees of the University of Illinois was held in the Illini Union, Urbana, Illinois, on Thursday, January 11, 1962, beginning at 9:30 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Richard A. Harewood, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson, Mr. George T. Wilkins. Governor Otto Kerner was absent.

Also present were President David D. Henry, Dr. Joseph S. Begando, Vice-President for the University of Illinois at the Medical Center, Chicago, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. James J. Costello, Legal Counsel; and officers of the Board, Mr. C. W. Weldon, Treasurer, Mr. H. O. Farber, Comptroller, Mr. A. J. Janata, Secretary. Dean F. T. Wall of the Graduate College, Mr. Robert S. Chamberlin, Director of the Division of Campus Development in the Physical Plant Department, and Mr. Vernon L. Kretschmer, Director of Auxiliary Services, were present during part of the meeting.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

APPOINTMENTS TO THE FACULTY

(1) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. MARY ADAMS, Assistant Professor of Nursing, beginning December 11, 1961, at an annual salary of \$9,000 (DY).
2. HUIZHIRO ARAKI, Research Assistant Professor of Physics, beginning September 1, 1962, at an annual salary of \$8,100 (D).
3. HELEN B. CARLSON, Clinical Assistant Professor of Psychiatry, beginning November 1, 1961, without salary (DY).
4. CHESTER J. CAVALLITO, Lecturer with rank of Professor, Department of Pharmacology, College of Medicine, beginning December 1, 1961, without salary (DY).
5. RICHARD N. FENZL, Assistant Professor of Agricultural Engineering, beginning April 1, 1962, at an annual salary of \$8,500 (BY).
6. HUGH S. JOHNSON, Assistant Professor of Animal Science, beginning December 11, 1961, at an annual salary of \$8,500 (BY).
7. BUD J. MEADOR, Assistant Director of the Statistical Service Unit, Provost's Office, beginning September 1, 1961, at an annual salary of \$9,000 (DY).
8. ARTHUR L. RUOFF, Visiting Associate Professor of Metallurgical Engineering, for one year from September 1, 1961, without salary (D).

On motion of Mr. Harewood, these appointments were confirmed.

REVISIONS IN THE GENERAL CURRICULUM IN AGRICULTURE WITH MAJOR FOR TEACHERS OF VOCATIONAL AGRICULTURE

(2) The Urbana-Champaign Senate recommends the following revisions in the curriculum in general agriculture for students majoring in vocational agriculture:
First Year

Students who pass the mathematics or algebra placement test will not be required to take a mathematics course; all others must take either Mathematics 111, 112, or 104. Only one semester of mathematics is required.

Second Year, second semester

Add Agronomy 101, Soils, four semester hours.

Three semester hours of agriculture courses from Group I required, in place of six semester hours formerly required.

Third Year, first semester

Delete Agronomy 201, Soils, five semester hours.

Increase in requirements from agriculture courses from Group I from three to six semester hours.

Three hours of agriculture electives required.

Fourth Year, second semester

Add Agricultural Economics 230, Marketing of Agriculture Products, or a 300-level course in agricultural economics, three semester hours.

Decrease in agricultural electives required from six semester hours to three semester hours.

Change in electives required from six-twelve semester hours to nine semester hours.

Group I. Courses in agriculture required of all students in this curriculum. Additions are in italics and deletions are in parentheses.

Courses	Hours
Agricultural Economics 100 — Introductory Agricultural Economics ¹	3
Agronomy 121 — Crop Production.....	4
Animal Science 100 — Introduction to Animal Science.....	3

¹ Students entering as juniors or seniors should substitute Agricultural Economics 230 for Agricultural Economics 100 and Horticulture 242 or 262 for Horticulture 100. If Agricultural Economics 230 is substituted for Agricultural Economics 100, students must also complete a three-hour elective in agricultural economics at the 300 level.

Animal Science 102 or Dairy Science 102—Feeds and Feeding.....	3
Dairy Science 100—Introduction to Dairy Production.....	3

Six hours from the following:

<i>Entomology 101—Agricultural Entomology</i>	
Forestry 100—Farm Forestry (or Forestry 101—General Forestry)	
Horticulture 100—Introductory Horticulture	
Horticulture elective	
Plant Pathology 204—Introductory Plant Pathology	

Total..... 22

These revisions are made to meet a change in the Illinois State Board of Vocational Education requirements.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I recommend approval.

On motion of Mr. Clement, these revisions were approved.

REQUIREMENTS FOR DEGREE OF BACHELOR OF SCIENCE IN PHYSICS

(3) The Urbana-Champaign Senate recommends that the requirements for graduation in the curriculum in physics be increased from 124 to 126 hours, plus required military science and physical education.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I recommend approval.

On motion of Mr. Johnston, this recommendation was approved.

REVISION IN REQUIREMENTS FOR DEGREE OF BACHELOR OF SCIENCE IN DENTISTRY

(4) The Senate of the University of Illinois at the Medical Center recommends that Russian be added to the languages acceptable toward the degree of Bachelor of Science in Dentistry.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I recommend approval.

On motion of Mr. Swain, this recommendation was approved.

CONTRACTS FOR CONSTRUCTION OF ADDITION TO ELECTRICAL ENGINEERING BUILDING

(5) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of the following contracts for construction of an addition to the Electrical Engineering Building and incidental work in connection therewith, the award in each case being to the lowest bidder:

General—Pathman Construction Company, Chicago.....	\$485 160
Base Bid	\$488 660
Additive Alternate	
Substitution of vinyl asbestos tile throughout the building for asphalt tile.....	3 200
Deductive Alternates	
Leaving all penthouse walls intact.....	—5 700
Substitution of all-weather concrete insulation in lieu of foam glass roof insulation.....	—1 000
Electrical—Downtown Electric, Urbana.....	73 825
Plumbing—Nu-Way Plumbing Service, Inc., Chicago.....	24 130
Heating, Refrigeration, and Temperature Control—Ideal Heating Com- pany, Chicago	182 888
Base Bid	\$144 444
Additive Alternate	
For equipment only, for air conditioning of present building	38 444
Ventilating—Petry Roofing and Sheet Metal Company, Champaign.....	113 322
Elevator—Otis Elevator Company, Chicago.....	8 403
<i>Total</i>	\$887 728

It is also recommended that all contracts other than the general contract be assigned to the contractor for the general work, making the total of his contract price \$887,728.

It is further recommended that an assignment agreement be entered into with Pathman Construction Company for the assignment of these other contracts for \$10,000, this being the amount bid by that Company under Alternate 1-A for a service charge for supervision of other contracts assigned to the general contractor.

Funds are available in the state capital appropriations to the University from the Universities Building Fund, subject to release by the Governor.

Submitted herewith is a supporting memorandum from the Physical Plant Department, including a schedule of all bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur in the awards of these contracts, subject to the release of funds.

On motion of Mr. Pogue, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

APPROPRIATION AND CONTRACTS FOR TELEVISION STUDIOS

(6) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of the following contracts for the remodeling of the former Purity Baking Company building at 1112 West Main Street, Urbana, to provide facilities for WILL-TV studios which will be moved from the West Hall of the Memorial Stadium and to provide studio facilities for closed circuit television. This will provide the minimum facilities needed. The award in each case is to the lowest bidder:

General—Shapland Construction Company, Champaign.....	\$ 43 835
Electrical—Downtown Electric, Urbana.....	32 325
Plumbing—David W. Reichard Plumbing and Heating, Urbana.....	5 840
Heating, Piping, Refrigeration, and Automatic Temperature Control— T. A. Brinkoetter and Sons, Inc., Decatur.....	41 369
Ventilating and Distribution System for Conditioned Air—R. H. Bishop Company, Champaign	13 985
<i>Total</i>	<u>\$137 354</u>

The following assignments of funds are necessary and are recommended:

For construction work— from the state capital appropriations for 1961-63 from the Universities Building Fund (the appropriation for enlarge- ment and rehabilitation of existing buildings).....	\$166 500
For coaxial cable, microwave, and equipment— from the University's General Reserve	123 000
<i>Total</i>	<u>\$289 500</u>

Submitted herewith are supporting memoranda from the Physical Plant Department including a schedule of all bids received, and from the Division of Instructional Television describing the equipment and facilities to be required; copies of these memoranda are being filed with the Secretary for record.

I concur in these recommendations.

On motion of Mr. Swain, these contracts were awarded, and the recommended assignments of funds were made, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACTS FOR REMODELING ENGINEERING RESEARCH LABORATORY

(7) Space in the basement of the Engineering Research Laboratory has been assigned to the Coordinated Science Laboratory for studies involving low-temperature superconductivity. To convert this space into a useable research laboratory will cost an estimated \$39,300 for remodeling and \$7,700 for laboratory equipment.

This being a remodeling project, the Director of the Physical Plant and the Vice-President and Comptroller recommend that it be done under the University's standing cost-plus fixed fee contracts with the following contractors, at the prices indicated:

General — Clarence H. Siems, Urbana.....	\$ 9 426 89
Painting — M. E. Hollett, Champaign.....	930 35
Electrical — Potter Electric Service, Urbana.....	10 000 00
Plumbing — Thomas Plumbing and Heating Company, Urbana.....	2 700 00
Heating — David W. Reichard Plumbing and Heating, Urbana.....	6 638 40
Ventilating — F. R. Inskip and Company, Champaign.....	3 523 00
<i>Total</i>	\$33 218 64

Funds are available in indirect costs resulting from research contracts.

I concur.

On motion of Mrs. Watkins, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

ADDITION TO CONTRACT FOR PENNSYLVANIA AVENUE RESIDENCE HALL

(8) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$53,830 in the contract with Kuhne-Simmons Company, Inc. for construction of the Pennsylvania Avenue Residence Hall to provide for the realignment and paving of the courtyard, including street lighting and some paving on Pennsylvania Avenue, and for removal of temporary buildings in Illini Village. These improvements were included as alternates in the original bids taken but were not accepted when the contract was awarded because it was not certain that funds would be available. The project is now approximately half completed and very few contract additions have been necessary, so that adequate funds are available.

I concur.

On motion of Mr. Johnston, this change in contract was authorized.

REPORT ON LAND ACQUISITIONS

(9) The Director of the Physical Plant and the Vice-President and Comptroller submit the following report of property purchases authorized by the Board since the last report (Board meeting, January 18, 1961) and now completed. Those indicated by asterisks were purchased for the University by the University of Illinois Foundation. The others have been purchased directly by the University.

Land for the College of Agriculture

<i>From</i>	<i>Cost</i>
Jane Klassen — approximately 153 acres on the east side of First Street approximately three-fourths of a mile south of St. Mary's Road..	\$307 000 00

Land for Campus Expansion

<i>Address</i>	<i>Owner</i>	<i>Cost</i>
512 East Chalmers Street	Josephine Loy	\$19 950 00
901 West Green Street	Paul A. and Arlene M. Tangora	21 000 00
601 East Healey Street*	Oscar D. and Minnie M. Wilson	36 000 00
603 East Healey Street*	Florence Blakesley	31 500 00
605 East Healey Street*	Gilbert and Gladys M. Lorenz	30 000 00
202 North Romine Street	D. B. Myer and T. G. Chinnock	18 862 21

This report was received for record.

PURCHASES

Purchases Authorized

(10) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comp-

troller. Unless otherwise specified, the purchase in each case was recommended on the basis of the lowest acceptable bid.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Modernization and updating of four model 314A tri-carb spectrophotometers to be equal to the currently manufactured model 314E	Chemistry and Chemical Engineering Microbiology Botany	Packard Instrument Co., Inc., La Grange	\$4 000 00 f.o.b. La Grange
Suspended ceiling, lighting system, non-modular complete with panels, hangers, edge strips, and fluorescent fixtures, to be installed in the Illini Union Bookstore	Physical Plant Storeroom	Springfield Electric Supply Co., Urbana	4 345 10 f.o.b. delivered
Two lots biological supplies for export to India	International Cooperation Administration Contracts	Carolina Biological Supply Co., Elon College, North Carolina General Biological Supply House, Inc., Chicago New York, N.Y.	3 308 25 3 002 30 f.a.s.

On motion of Mr. Harewood, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One lot laboratory equipment and supplies consisting of: one spectrophotometer; 19,200 corks; 27 dozen bottles; 70 boxes filter paper; 500 books lens paper; 96 boxes disposable pipets; 90 gross microscope slides; 72 sponges; 100 feet plastic tubing; 12 marking pencils; 48 rolls aluminum foil; 90 ounces microscope cover glasses	College of Medicine, Allergy Unit	LaPine Scientific Co., Chicago	\$4 357 93 net delivered
One photomicroscope and accessories	College of Medicine	W. H. Kessel & Co., Chicago	4 998 30 net delivered
One radial drill	Medical Physiology	Don G. Beck, Chicago	3 525 35
21,500 patients' chart folders	Research and Educational Hospitals	Diebold, Inc., Chicago	5 097 00 net delivered
21,500 master library cards			
36,000 paper rubbish bags	Physical Plant	Chuckerman Paper Co., Chicago	4 296 60 net delivered

Urbana-Champaign Departments

877 copies of <i>The Promise of Advertising</i> , edited by C. H. Sandage	Advertising (Journalism)	Richard D. Irwin, Inc., Homewood	\$3 853 77 f.o.b. delivered
One T-hangar, five-unit aircraft, furnished complete and erected at the University of Illinois Willard Airport	Institute of Aviation	Dresser-Ideco Co., Columbus, Ohio	12 386 00 f.o.b. delivered and erected
Aircraft two-way radio consisting of: one transmitter; one twinpac transmitter-receiver; two receivers; one converter; one indicator; two power supplies; one shock mount; one amplifier; one antenna	Institute of Aviation	Mid-States Aviation Corp., Northbrook	2 577 01 f.o.b. delivered
One goniometer assembly for diffractometer	Ceramic Engineering	Philips Electronic Instruments, Chicago	4 230 00 f.o.b. Mt. Vernon, N.Y.
One proportional counter attachment for goniometer arm			
One iron target four-window X-ray diffraction tube			

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One optical density converter with absorbance indication	Chemistry and Chemical Engineering	Gilford Instrument Labs., Inc., Oberlin, Ohio	\$3 065 00 f.o.b.
One automatic cuvette positioner			delivered,
One power supply			plus
One chart recorder			transportation
One ceramic envelope (gyro housing), two-inch diameter, 20 electrodes of .025 in. copper, peak voltage 4000, arc length of electrode "sides" including margin $63^{\circ} 26.25' \pm 3'$	Coordinated Science Laboratory	Minneapolis-Honeywell Regulator Co., Minneapolis, Minn.	6 008 00 f.o.b. Minneapolis, Minn.
One linear programmed temperature gas chromatograph with recorder and power supply	Dairy Science	Wilkins Instrument & Research, Inc., Walnut Creek, Calif.	2 962 75 f.o.b. delivered
Zener diodes as follows: 200 1/4M9.1Z5 100 3/4M10Z5 100 1N961B 100 1N3018B 300 1N959B, and 50 2N1546 transistors	Digital Computer Laboratory	Deeco, Inc., Cedar Rapids, Iowa	2 846 90 f.o.b. delivered
Stabistors as follows: 400 type SS3141A 700 type SS3143A 400 type SS3144A	Digital Computer Laboratory	Semiconductor Specialists, Chicago	3 777 00 f.o.b. delivered
536 items terminal boards, of various sizes and types	Digital Computer Laboratory	Mandex Manufacturing Co., Inc., Chicago	3 372 01 f.o.b. Chicago
600 component strips, press fit terminals	Digital Computer Laboratory	The Delbert Blinn Co., Pomona, Calif.	4 464 00 f.o.b. delivered
Machining, drilling, and assembling of 67 connector frames	Digital Computer Laboratory	Northern Tool & Dye Co., Chicago	3 887 60 f.o.b. delivered
Transistor sockets, three-terminal, as follows: 7,000 mica-filled phenolis 2,000 melamine, pink 6,000 melamine, red 2,000 melamine, white 1,000 melamine, light blue 1,000 melamine, yellow	Digital Computer Laboratory	Grayhill, Inc., La Grange	2 823 00 f.o.b. La Grange
One conversion detector, including rate-meter, scaler, electronic time register, power supply, rack cabinet, extension cable, and cover for existing X-ray unit	Geology	General Electric Co., X-Ray Division, Chicago	3 467 50 f.o.b. delivered
Two early and rare books to be used in the research of Professor Harris Fletcher on John Milton	Library	C. A. Stonehill, Inc., New Haven, Conn.	6 300 00
One eight-speed scanning spectrometer with recorder, fixed slits, grating with 30,000 grooves per inch, and photomultiplier tubes and housing	Mechanical and Industrial Engineering	Jarrell-Ash Co., Newtonville, Mass.	6 870 00 f.o.b. Newtonville, Mass.
One turret milling machine, 9 in. by 32 in. capacity, complete with motor, controls and accessories	Mechanical and Industrial Engineering	Don G. Beck, Chicago	3 960 50 f.o.b. delivered
One oscilloscope, DC-1000 megacycles, 0.35 nanoseconds rise-time, 2 by 6 cm viewing area, 24KV accelerating potential	Physics-Betatron	Tektronix, Inc., Park Ridge	3 950 00 f.o.b. Beaverton, Ore.
One mobile support for above with nine tray adjustments			
One spectrophotometer, infrared, range 0.8 to 15 microns, complete with light source, monochromator, detector, amplifiers, and recorder	Physics	Beckman Instruments, Inc., Lincolnwood	11 304 00 f.o.b. delivered
1,055 beds and 1,055 desks, for use in the Pennsylvania Avenue Residence Hall (SW-2)	Housing Division, Pennsylvania Avenue Residence Hall	Universal Equipment Co., Batesville, Ind.	111 988 25 f.o.b. delivered
Six itemizing cash registers with automatic change dispensers and automatic change computation from \$1.00, to be used in the enlarged cafeteria in the new Illini Union addition	Illini Union	The National Cash Register Co., Danville	11 331 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One offset duplicator with 10 $\frac{3}{4}$ by 16 $\frac{1}{2}$ in. image cylinders, electric double sheet eliminator, and fixed pin bar clamp assembly; complete with light fixture, work organizer, chain delivery, and receding stacker	Illini Union	Addressograph-Multigraph Corp., Peoria	\$4 163 50 f.o.b. delivered
Approximately 1,475 sheets miscellaneous plywood to be purchased as required for six-month period January, 1962, through June, 1962	Physical Plant Storeroom	Kochton Plywood & Veneer, Decatur	6 424 91 f.o.b. delivered
6,000 cast iron common stoker links with cored holes for use in stokers at Abbott Power Plant	Physical Plant Storeroom	Chicago Foundry Co., Chicago	2 940 00 f.o.b. delivered
One complete rotating element for stand-by replacement in any one of four boiler feed pumps in Abbott Power Plant	Physical Plant — Abbott Power Plant	Ingersoll-Rand Co., Chicago	7 865 00 f.o.b. Phillipsburg, N.J.
One air conductivity chamber and vibrating reed electrometer including sensing head, with ranges of approximately 1, 3, 10, 30, 100, 300, 1000 millivolts and 3, 10, 30 volts, rack mounted	State Water Survey	Applied Physics Corp., Monrovia, Calif.	4 060 00 f.o.b. delivered
Laboratory gases as required by various departments for period February 1, 1962, through June 30, 1963	Various Departments	Depke Welding Supplies, Inc., Champaign	33 448 75 f.o.b. delivered
One double grating, infrared, recording spectrophotometer	Chemistry and Chemical Engineering	The Perkin-Elmer Corp., La Grange	5 720 00 f.o.b. delivered
One microvolt potentiometer, two ranges; 0 to 111,111.00 microvolts in steps of 0.1 microvolt and 0 to 11,111.10 microvolts in steps of 0.01 microvolts for extremely small and precise voltage measurements	Mining, Metal- lurgy, and Petroleum Engineering	Minneapolis-Honeywell Regulator Co., Peoria	3 800 00 f.o.b. delivered
Print and bind 1,500 copies of <i>Essays on the Behavioral Study of Politics</i> , edited by J. A. Ranney, trim size 6 in. by 9 in., approximately 272 pages per copy	University Press	Pantagraph Printing & Stationery Co., Bloomington	3 183 90 f.o.b. delivered
Initial stock for Pennsylvania Avenue Residence Hall and replacement linen for Gregory Drive Residence Halls: 90 dozen combination mattress pad and cover	Housing Division	Karoll's, Inc., Chicago	10 446 60
1,100 bed pillows		Wolford-Morris Sales, Inc., Springfield	9 816 00
510 dozen sheets, 63 in. by 108 in., 140 thread count		Associated Service and Supply Co., Chicago	2 849 00
1,010 dozen, pillow cases, 42 in. by 36 in., 140 thread count		Kansas City White Goods Mfg. Co., Kansas City, Mo.	4 504 60
90 dozen pillow covers, 21 in. by 27 in.			(27 616 20) f.o.b. delivered
1,100 blankets, 62 $\frac{1}{2}$ in. by 90 in.			
500 dozen huck towels, 17 in. by 32 in.			
500 dozen towels, terry, 20 in. by 40 in.			

On motion of Mr. Harewood, these purchases were authorized.

GIFT OF AIRPLANE

(11) The General Motors Corporation has given the University of Illinois an eight-passenger Lockheed Lodestar executive-equipped airplane for the Institute of Aviation. The gift is without restrictions. I have accepted it and report this action for record.

The Lodestar has a cruising speed of 220 miles an hour, is fully equipped for instrument flying, and will be used for instruction and for demonstrations in aerodynamics, heavy aircraft hydraulics, electronics, and navigation equipment. It will be added to the University's planes available for use in the transportation of teachers to extension courses throughout Illinois and for other personnel in flights on University business. The base of operations will be the University of Illinois Willard Airport.

On motion of Mr. Swain, the President's action was confirmed, and the Secretary was requested to express to the appropriate officials of General Motors Corporation the appreciation of the Trustees.

COMPTROLLER'S REPORT OF CONTRACTS

(12) The Comptroller's report of contracts executed during the period December 1 to 31, 1961.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Commercial Solvents Corp.	Extent vitamin A and carotene activities are destroyed by rumen-reticular fermentation processes in silages	\$ 3 000 00	December 4, 1961
National Aeronautics and Space Administration NSG 195-62	Micro-neuroanatomy of the central nervous system	316 293 00	October 1, 1961
United States Air Force AF-AFOSR 62-109	Spaces admitting significant fixed-point indices	6 969 00	November 14, 1961
United States Air Force AF-AFOSR 62-128	Electronmicroscopy of ultrasonically irradiated muscle	7 958 00	November 13, 1961
United States Atomic Energy Commission AT (11-1) 1102	Mechanism of substitutional diffusion in metals	79 062 00	October 1, 1961
United States Atomic Energy Commission AT (11-1) 1110	Formation of point defects in copper, silver, and aluminum during plastic deformation and the nature of the interactions of these defects with dislocations	37 810 00	November 1, 1961
United States Civil Defense OCD-OS-62-6	Two-week training courses in structure design and analysis for fallout protection	26 300 00	October 9, 1961
United States Department of Health, Education, and Welfare SAE-9539	Identification and role of the school libraries which function on instructional materials centers with implications for training	32 126 00	June 28, 1961
The United States Steel Corp.	Analysis of barriers to the marketing of sterile concentrated milk	20 000 00	December 7, 1961
United States Air Force AF-19 (604) 5705	SAGE operator performance factors contributing to operator fatigue in SAGE operations	41 982 00	October 30, 1961
United States Army DA 11-022-ORD-2956	Development of polymers for use at high temperatures	2 626 00	November 11, 1961
United States Army DA 18-108-405-CML-517	Evaluate the behavior of immiscible fluids (gases and liquids) in porous solid media	3 500 00	October 25, 1961
United States Army DA 22-079-eng-238	Dynamic bearing capacity of soils	3 800 00	October 30, 1961
United States Army DA 22-079-eng-240	Analytical study of dynamic bearing capacity of soils	34 457 00	November 3, 1961
United States Army DA49-007-MD-544	Nutritive value of major nutrients of irradiated food	30 740 00	November 21, 1961
United States Atomic Energy Commission AT (11-1) 833	Atomic energy research and development	72 070 00	October 25, 1961
United States of America International Cooperation Administration ICAc-1220-3	Establish at Indian Institute of Technology, Kharagpur, West Bengal, teacher-training programs in engineering	90 000 00	October 31, 1961
United States of America International Cooperation Administration ICAc-1258-2	Assisting the Uttar Pradesh Government in the organization and development of a United States land-grant type of university	200 000 00	October 31, 1961
Hiram Walker & Sons, Inc.	Nutritive properties of dried distillers' solubles in swine nutrition	760 00	December 4, 1961

Adjustments Made in 1961-62 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Fourteen items: \$25.00 to \$745.00	\$ 3 588 00	November and December, 1961
M. E. Hollett (Painting)	Four items: \$271.80 to \$780.00	1 721 50	November and December, 1961

This report was received for record.

PRESIDENT'S REPORT ON SELECTED TOPICS OF CURRENT INTEREST

(13) President Henry presented a report on a number of subjects of significant current events and items of interest. Copies of the complete report were distributed at the meeting, and a copy was filed with the Secretary for record.

**INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS
ADVISORY COMMITTEE**

(14) The Director of the Institute of Labor and Industrial Relations recommends the following appointments to the Institute's advisory committee for a term of three years, beginning with the current academic year, to fill vacancies in the management and labor representation:

Management

FRANK W. BRADEN, General Personnel Manager, Illinois Bell System

Labor

JOHN BELT, President and Business Manager of Local Union No. 399 of the International Brotherhood of Electrical Workers

REUBEN G. SODERSTROM, President of the Illinois State Federation of Labor and Congress of Industrial Organizations

This year there were two vacancies among the labor leaders because of the resignation of a labor member a few years ago and his replacement having been appointed for a full term rather than for the remainder of the term.

The term of Adolph Berger, Regional Director of the Bureau of Labor Statistics, Chicago, a public member, has expired and a recommendation for his replacement will be submitted later.

I recommend approval.

On motion of Mr. Dilliard, these appointments were approved.

FEDERAL GRANT FOR MEDICAL SCIENCES ADDITION BUILDING

(15) The Division of Research Grants of the National Institutes of Health has informed the University that upon recommendation of the National Advisory Council on Health Research Facilities, the Surgeon General of the United States Public Health Service has approved an application from the University of Illinois for a Public Health Service grant not to exceed \$1,346,115 for a Medical Sciences Addition Building. The application for this grant was previously authorized by the Board of Trustees.

The grant will enable the University to proceed with plans for the construction of a Medical Sciences Addition Building, estimated to cost in excess of \$5,000,000, the balance to come from state funds.

This request was received for record.

**REQUEST OF BOARD OF EDUCATION OF THE
URBANA COMMUNITY SCHOOLS**

(16) The President of the Board of Trustees has received the following communication from the President of the Board of Education of the Urbana Community Schools:

December 22, 1961

*Mr. Kenney E. Williamson, President
University of Illinois Board of Trustees
Sixth Floor, Lehmann Building
Peoria 2, Illinois*

DEAR MR. WILLIAMSON:

At its meeting on December 18, 1961, the Board of Education of the Urbana Community Schools discussed payments made in lieu of taxes by the University of Illinois. Members of the Board expressed appreciation for the fact that the University of Illinois Board of Trustees did adopt several years ago the policy of making payments in lieu of taxes for certain properties not on the local property tax rolls. Local governmental capability to serve our increasing population is improved by such payments.

Our impression is that the rate of payment made in lieu of taxes has not been revised recently to reflect any increase that may have been experienced in property values generally.

I have been instructed by a resolution of the Board of Education of the Urbana Community Schools made on December 18, 1961, to ask you to bring the question of the possibility of increasing the rate of payment to the attention of the University of Illinois Board of Trustees for consideration.

Please be sure that any consideration given to the subject will be very much appreciated.

Sincerely yours,
LOWELL B. FISHER, *President*
Board of Education

A copy of this letter was also received by the President of the University and was referred to the Vice-President and Comptroller for analysis and report.

It is recommended that the request of the Board of Education be referred to a Board committee for further consideration.

President Williamson suggested that this request be referred to the Committees on General Policy and Finance. There being no objection, it was so ordered.

TREE-PLANTING PROGRAM

(17) At the request of President Henry, Director C. S. Havens of the Physical Plant Department and Mr. Robert S. Chamberlin, Director of the Division of Campus Development in the Physical Plant Department, presented a report, illustrated with maps, pictures, and slides, of a landscape redevelopment plan for the Urbana-Champaign campus to replace the trees lost due to diseases during the past ten years. To activate this program, they proposed a long-range master plan for tree planting, including recommendations on selections of species. The total cost of executing the master plan, excluding landscape work in the immediate area of, and related to, new buildings is estimated at approximately \$400,000. The program proposed for the biennium of 1961-63 is estimated to cost approximately \$80,000 and the funds for this are available in current state capital appropriations. This is the rate of expenditure estimated to complete the program in the ten-year period.

Following the presentation, it was recommended that (1) the master plan for tree planting and the proposed selection and distribution of species as presented be approved, subject to change or approval by the President of the University; and (2) that the tree-planting program proposed for 1961-63 be authorized, subject to the approval of contracts by the Board of Trustees.

President Henry stated that he concurs in these recommendations.

On motion of Mr. Johnston, these recommendations were approved.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

BARNHILL, JACK G., Instructor in Accountancy, $\frac{3}{4}$ time, second semester of the academic year 1961-62, beginning March 1, 1962, \$3,600 a year, supersedes (12-15-61).

CARMICHAEL, HUGH T., Professor of Psychiatry (Medicine), $\frac{4}{5}$ time, ten months from November 1, 1961, \$16,000 a year, supersedes (12-11-61).

DOYAMA, MASAO, Research Associate in Physics (C), nine months from December 1, 1961, \$7,000 a year, supersedes (12-15-61).

FETT, GILBERT H., Professor of Electrical Engineering and Chief of Party, in the Indian Institute of Technology, Kharagpur, India, for service under Contract ICAC-1220, beginning December 26, 1961, and continuing through January 31, 1964, \$20,166 a year; Professor of Electrical Engineering (C), indefinite tenure from February 1, 1964, supersedes (12-1-61).

FINK, GILBERT L., Supervisor of Special Services and Occupational Therapy in the Student Rehabilitation Center, with rank of Instructor (College of Physical Education), September 16, 1961-August 31, 1962, \$7,000 a year (12-18-61).

FINNEMORE, DOUGLAS K., Research Associate in Physics (C), nine months from December 1, 1961, \$7,250 a year, supersedes (12-15-61).

GORMAN, PATRICIA M., Instructor in Home Economics 4-H Club Work (E), seven months from February 1, 1962, \$3,733.31 (12-15-61).

- HAY, RALPH C., Professor of Agricultural Engineering and Adviser to the Dean of Agricultural Technology, in the U.P. Agricultural University, Pantnagar, U.P. India, beginning December 26, 1961, and continuing through January 31, 1964, \$15,750 a year; this appointment is for service under Contract ICAC-1258 at the U.P. Agricultural University, Pantnagar, U.P. India; Professor of Agricultural Engineering (C), indefinite tenure from February 1, 1964, supersedes (12-22-61).
- KATOH, ARTHUR K., Research Associate in Zoology, November 16, 1961-August 31, 1962, \$5,850 a year (12-26-61).
- LENIHAN, KATHRYN E., Assistant Dean of Women, eight months from January 1, 1962, \$6,300 a year (12-15-61).
- MOYER, FRED D., Instructor in Architecture, to render service during the second semester of the academic year, February 1-June 15, 1962, \$3,000 (12-11-61).
- MYERS, MRS. JANE L., Instructor in Foods and Nutrition (Home Economics) (E), nine months from December 1, 1961, \$6,500 a year (12-11-61).
- PETERSON, CARYL M., Assistant in Nursing, November 13, 1961-August 31, 1962, \$5,500 a year (12-11-61).
- ROBBINS, ANITA B., Clinical Instructor in Medicine (Medicine), November 23, 1961-August 31, 1962, without salary, supersedes salaried appointment (12-15-61).
- SAAD, EDWARD J., Residence Hall Counselor (Chicago Professional Colleges), 15/100 time, October 27, 1961-June 15, 1962, \$600 (12-11-61).
- SNYDER, ROY W., Instructor in Microbiology (Medicine), October 20, 1961-August 31, 1962, \$8,300 a year (12-11-61).
- WEINSTEIN, SEYMOUR, Clinical Instructor in Dermatology (Medicine), nine months from December 1, 1961, without salary (12-11-61).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- ATWOOD, GERALD F., United States Public Health Service Fellow (Trainee) in Medicine (Chicago Professional Colleges), nine months from September 1, 1961, \$600 (11-10-61).
- KING, HARRY F., Postdoctoral Fellow Trainee in Chemistry, October 16, 1961-August 31, 1962, \$7,000 a year (12-11-61).
- LEVIN, JACOB J., United States Public Health Service Fellow (Trainee) in Neuropharmacology (Chicago Professional Colleges), one year from November 1, 1961, \$7,500 (10-20-61).
- SNYDER, ROBERT, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from November 1, 1961, \$5,500 (10-26-61).

RESIGNATIONS

- BOCKMAN, DALE E., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges) — resignation effective November 1, 1961.
- BUNDY, MARY L., Research Assistant Professor and Director of Library Research Center, in the Graduate School of Library Science — resignation effective January 1, 1962.
- CLARK, EVA L., Teaching Fellow in Chemistry — resignation effective December 1, 1961.
- HARADER, WAYNE R., Fellow (Teaching Intern) in Electrical Engineering — resignation effective February 1, 1962.
- HUTCHISON, JOHN J., Fellow in Chemistry — resignation effective February 1, 1962.
- MCGUIRE, EDWARD J., United States Public Health Service Fellow (Trainee) in Biological Chemistry (Chicago Professional Colleges) — resignation effective January 1, 1962.
- McNAIR, LOUIS M., Instructor in the Institute of Aviation — resignation effective December 21, 1961.
- RIECKS, MRS. NATALIE, Instructor in Home Economic 4-H Club Work — resignation effective January 11, 1962.
- RINALDI, FRANCO U., Clinical Assistant Professor of Psychiatry (Medicine) — resignation effective September 1, 1961.

- SCHAEFFLER, MRS. JOAN M., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station) — resignation effective January 15, 1962.
- SCHAEFFLER, WILHELM F., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science — resignation effective January 8, 1962.
- STARK, STANLEY, Assistant Professor of Psychology (Liberal Arts and Sciences) and in the Institute of Labor and Industrial Relations — resignation effective January 1, 1962.
- UNGER, LEON, United States Public Health Service Fellow (Trainee) in Microbiology — resignation effective December 16, 1961.
- WATTS, DONALD E., Clinical Instructor in Psychiatry (Medicine) — resignation effective January 1, 1962.
- WILMOT, MRS. CANDACE R., Research Assistant in the Digital Computer Laboratory — resignation effective February 1, 1962.
- WOOD, WALTER S., Assistant Professor of Preventive Medicine (Medicine) — resignation effective January 1, 1962.

LEAVES OF ABSENCE

- LEVINE, SOLOMON B., Professor of Labor and Industrial Relations — leave of absence, without pay, during the academic year 1962-63, so that he may serve as a visiting professor at the Massachusetts Institute of Technology.
- SCOTT, ROBERT E., Professor of Political Science — leave of absence, without pay, from March 1, 1962, through August 31, 1962, so that he may accept a visiting appointment at Yale University.
- SMOOT, RONALD L., Instructor in Mechanical Engineering — leave of absence, without pay, during the second semester of 1961-62 and the first semester of 1962-63, so that he may devote full time to graduate study under a National Science Foundation Faculty Fellow.
- TRJITZINSKY, WALDEMAR J., Professor of Mathematics — released from his teaching duties, so that he may be permitted to work off-campus during the first semester of 1962-63 under a grant from the National Science Foundation.
- WILCOCK, RICHARD C., Professor of Labor and Industrial Relations — leave of absence on one-half time and on one-half pay, February 1 through June 22, 1962; leave without pay, June 23 through August 31, 1962; leave on one-half time and on one-half pay September 1, 1962, through June 25, 1963; and leave without pay, June 26 through August 31, 1963, so that he may serve as co-director of a research project on job placement services for older workers financed by a Ford Foundation grant to Washington University in St. Louis.

EXECUTIVE SESSION

On motion of Mr. Johnston, the executive session was ordered for consideration of the following item of business.

INSTITUTE FOR DEFENSE ANALYSES

(1) The University of Illinois has been advised informally that it will be considered for membership in the Institute for Defense Analyses, a nonprofit Delaware corporation created in 1956 for the purpose of promoting the public welfare and the advancement of scientific learning by making analyses, evaluations, and reports regarding matters of national security for the United States of America. Through its membership of educational institutions, the Institute represents a reservoir of technological talent in the nation's scientific community available to assist the federal government in its application of the scientific method to the solution of broad problems of military policy and strategy. The Institute operates principally under government contracts, but a few research projects are carried on which originate internally. Membership does not entail any financial contribution, although educational institutions who are members are expected to make personnel available from time to time for work on specific projects.

The founding members of the Institute for Defense Analyses were the California Institute of Technology, Case Institute of Technology, Massachusetts Institute of Technology, Stanford University, and Tulane University. These have since been joined by the University of Chicago, Columbia University, University of Michigan, and Pennsylvania State University. Membership in the Institute for

Defense Analyses would permit the University of Illinois to assume a more important role in connection with national security. In addition, the University would benefit through the mutual interchange of ideas and by improvement of communications and relationships with the federal government.

I recommend that the University make application for membership in the Institute of Defense Analyses and that the following resolution be adopted (it being suggested that public announcement be withheld until the Institute acts favorably on any such application):

Resolution

Be It Resolved by The Board of Trustees of the University of Illinois that the President of the University be, and he hereby is, authorized on behalf of the University:

- (1) To accept membership in the Institute for Defense Analyses, a nonprofit organization created under the laws of Delaware;
- (2) To serve, or to appoint others to serve from time to time, as a representative of the Board of Trustees of the University of Illinois at all meetings of members of said Institute for Defense Analyses; and
- (3) To take such other action as may be necessary or appropriate in connection with or incidental to membership in said Institute for Defense Analyses.

Dean Frederick T. Wall of the Graduate College was at the meeting for the presentation of this recommendation and made a supplementary supporting statement. At the conclusion of the presentation, and following discussion of the proposal, on motion of Mr. Swain, the foregoing resolution was adopted without a dissenting vote.

ANNUAL MEETING OF THE BOARD

The President of the Board reported that due to calendar conflicts some of the Trustees would be unable to attend the annual meeting on March 13, 1962, the date set according to the By-Laws, or March 15, the date to which the annual meeting had been changed by vote of the Board.

After discussion of possible alternate dates, on motion of Mr. Swain, the Board voted to hold its 1962 annual meeting in Urbana, on Saturday, March 17, the hour and place to be determined by the President and the Secretary of the Board.

On motion of Mrs. Watkins, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

February 21, 1962



The February meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Wednesday, February 21, 1962, beginning at 10:30 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Richard A. Harewood, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Governor Otto Kerner and Mr. George T. Wilkins were absent. Mr. Earl M. Hughes was absent when the Board convened but joined the meeting later.

Also present were President David D. Henry, Executive Vice-President and Provost Lyle H. Lanier, Dr. Joseph S. Begando, Vice-President in charge of University of Illinois at the Medical Center, Chicago, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Mr. C. C. Caveny, Assistant to the President, Chicago Office, Director C. S. Havens of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. James J. Costello, Legal Counsel, Mr. V. L. Kretschmer, Director of Auxiliary Services, Mr. Earl W. Porter, Assistant to the President, Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and the officers of the Board, Mr. C. W. Weldon, Treasurer, Mr. H. O. Farber, Comptroller, Mr. A. J. Janata, Secretary.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a Report on Selected Topics of Current Interest, copies of which were distributed at the meeting and a copy was filed with the Secretary of the Board.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
CLYDE EVERETT DICKEY	Buenos Aires, Argentina	Puerto Rico
WAYNE EMMITT ELDRED	Milwaukee, Wisconsin	Wisconsin
RALPH WALLACE ESTES	Glen Ellyn, Illinois	Missouri
RAYMOND ERNEST GRAICHEN	Devon, Pennsylvania	Pennsylvania
ROBERT H. GRAVES	Peoria, Illinois	Wisconsin
ROBERT DONALD HEVEY	Milwaukee, Wisconsin	Wisconsin
ROBERT ALAN LAUTERBACH	Denver, Colorado	Colorado
SHELDON WILLIAM MCGRAW	Detroit, Michigan	Michigan
JOEL SHIFFRIN	Chicago, Illinois	New Jersey

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard written examination given in November, 1961, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

FRANKLIN ERNEST AGNEW III (Lake Bluff)	ALLEN DAVID BRONS (Chicago)
ANDREW AKOS (Chicago)	ROBERT WILLIAM BROWN (Downers Grove)
ROBERT RUSSELL ALLEN (Rockford)	GEORGE ROBERT BRUCKS (Dolton)
PAUL EDWARD ALTIG (East Peoria)	STANLEY GORDON BUBLEY (Morton Grove)
CHARLES HENRY ANDERSON (Springfield)	JOHN STANLEY BUBULA (Chicago)
WILLIAM EARL BALLARD (Chicago)	ROGER WILLIAM BURLINGAME (Park Forest)
GEORGE JOSEPH BANAS (Glenview)	RUSS BURTON (Chicago)
DONALD EVERETT BARK (Rolling Meadows)	DELMAR LEO CANUTE (Mattoon)
ROBERT CULLEN BARNES (Chicago)	CHARLES LOUIS CARAVATI (Oak Park)
WILLIAM HERBERT BAYLEY (Rockford)	DAVID IRVING CARLSEN (Park Forest)
LAWRENCE GILBERT BECKER (Chicago)	WILBUR LEON CARROLL (Peoria)
RONALD JAMES BECKER (Lombard)	WILLIAM GEORGE CEAS (Chicago)
SAMUEL ROY BELUSCHECK (Dolton)	JOEL WILLIAM CHEMERS (Chicago)
SHELDON BERMAN (Skokie)	GERALD JOHN CHIRPKA (Franklin Park)
DAVID CHARLES BILSING (Calumet City)	WILLIAM EUGENE CLIFTON (Forest Park)
EMERSON EDGAR BLUE (Chicago)	JAMES COCALAS (Cicero)
ARNOLD JAE BLUSTEIN (Chicago)	HERBERT LEE COHEN (Chicago)
BERNARD PAUL BOBBER (Chicago)	JULIAN MEYER COHEN (Chicago)
PHILIP JOHN BORNHOFEN (Chicago)	JAMES BERNARD CONKLIN (Chicago)
DONALD FRANKLIN BOUSEMAN (Chicago)	HERBERT LEIGHTON DEAN (Park Forest)
JACOB REUBEN BRANDZEL (Chicago)	JOHN JOSEPH DIRST (Chicago)
JOSEPH WILLIAM BRENNAN (Chicago)	

- BURTON IRA DOLGIN (Chicago)
 RONALD WAYNE DONE (Chicago)
 CARL ROSS DORRANCE (Forest Park)
 ROGER NEALE DOWNING (Glen Ellyn)
 LEE ALFRED DREYFUS (Chicago)
 DONALD ALFRED DRONE (Springfield)
 THOMAS JOSEPH DURKIN (Westchester)
 RONALD HERMAN DYKEMA (Lombard)
 JOHN EDWARD EASTON (Chicago)
 HAROLD GLENN ELLIOTT (Rockford)
 LORIN BRUCE ELLISON (Brookfield)
 ROBERT THOMAS EXBY (Chicago)
 EDMOND NATHANIEL FAMBRO (Chicago)
 JEROME NICHOLAS FAUST (Brookfield)
 LOUIS ABRAHAM FELTMAN (Morton Grove)
 MARVIN LINUS FISHER (River Grove)
 STANLEY ELLIS FISHER (Chicago)
 WILLIAM LAWRENCE FISHER (Park Forest)
 EUGENE PETER FOX (Skokie)
 JOSEPH FRANK FOX (Lake Bluff)
 DAVID LOUIS FRAKAS (Chicago)
 JON DALE FRENCH (Villa Park)
 HAROLD D. FRIEDMAN (Chicago)
 HOWARD FRIEDMAN (Chicago)
 HENRY CLAIR FUNK (Chicago)
 ALAN RICHARD GAULT (Skokie)
 MARTIN GILLERMAN (Chicago)
 BARTON M. GORDON (Wilmette)
 ANSHEL EUGENE GOSTOMELSKY (Skokie)
 DALE JOSEPH GRANACKI (Chicago)
 MERLE ROYDEN GRIMM (Park Forest)
 EDWIN NEIL HANLON (Evanston)
 JAMES LOUIS HARFIELD (Chicago)
 HAROLD HARRIGIAN (Chicago)
 PETER PATRICK HARRISON (Park Forest)
 CHARLES STEWART HAVENS (Homewood)
 PAUL EDWARD HEER (Park Ridge)
 WALTER GERALD HEIDKAMP (Chicago)
 ALBERT HEISLER (Chicago)
 GERALD LAWRENCE HENNESSY (Oak Lawn)
 BERNARD FRANCIS HESTER (Chicago)
 JERRY MACK HOOKER (Chicago)
 LEROY FRANCIS IMDIEKE (Charleston)
 MILTON FLORIAN JARZEMBOWSKI (Glenview)
 GEORGE BASIL JAVARAS (Oak Park)
 JACK LEE JENKINS (Bloomington)
 KENNETH JAMES JOHNSON (Chicago)
 ROBERT GORDON JOHNSON (Lombard)
 GEORGE VICTOR JONSCHER (Chicago)
 ABE JOSHUA KAPLAN (Des Plaines)
 DAVID KAPLAN (Chicago)
 ERNEST KAPLAN (Deerfield)
 ROBERT BUTLAND KARKOW (Evanston)
 JAMES LAUGHLIN KILLIAN (Bloomington)
 WILLIAM VINCENT KING (Chicago)
 BARRY EDWIN KIPNIS (Chicago)
 BERNARD MICHAEL KIRSNER (Chicago)
 RONALD RALPH KNAKMUHS (Mokena)
 HOWARD LAWRENCE KOGEN (Chicago)
 HAROLD AARON KOLOMS (Chicago)
 RICHARD GLIXON KOPEL (Chicago)
 WALTER THOMAS KOZIOL, JR. (Chicago)
 EIGO HENRY KUDO (Chicago)
 EDWARD JOHN KUSTKA (Evanston)
 LARRY THOMAS LAKIN (Des Plaines)
 ARNOLD LEDERMAN (Chicago)
 LIONEL FRANKLIN LENZ (Arlington Heights)
 MARTIN M. LEVY (Chicago)
 JOHN LEO LIEFFORT (Chicago)
 RICHARD ALVIN LINDROOTH (Chicago)
 DAVID EARL LIPSON (Chicago)
 THOMAS ROY LONG (Park Forest)
 STANLEY LAVERNE LOVE (Moline)
 JERRY ARTHUR LUIKEN (Chicago)
 DONALD LEO MADDEN (Chicago)
 DANIEL JAMES MAHER (Joliet)
 BARRY LOUIS MARCUS (Chicago)
 ANTHONY MARIO MARINI (Palatine)
 IRA MARKUS (Chicago)
 JOSEPH MAROTTO (Chicago)
 JAMES FRANK MARTIN (Chicago)
 JOHN PATRICK MCMAHON (Chicago)
 ROBERT PHILLIP MIHM (Danville)
 DAVID JOEL MILLER (Chicago)
 JOHN EDWARD MITCHELL, JR. (Chicago)
 NORMA JEAN MOSS (Chicago)
 JOHN ALVIN MULLINAX (Chicago)
 FREDERIC PHILLIP MUSSMAN (Chicago)
 GEORGE ALLEN NAUMAN (Oak Park)
 STANLEY CALVIN NEIMARK (Chicago)
 JACK SHELDON NITZKIN (Chicago)
 JOHN LUDWIG EDWARD NOYER (Des Plaines)
 ISAAC OBERMAN (Chicago)
 GEORGE DATER O'BRIEN (Warrenville)
 JAMES SYLVESTER O'CONNOR (Chicago)
 WALTER NORMAN OLSON (Elmwood Park)
 EDWIN VICTOR OLSZANSKI (Chicago)
 THOMAS RONALD ORSI (Chicago)
 JACK RICHARD PECK (Itasca)
 HAROLD MARTIN PETERSEN (Elk Grove Village)
 ERNEST VICTOR PETERSON (Chicago Heights)
 WILBERT JOSEPH PICHLER (Chicago)
 SHELDON PINES (Chicago)
 MARY ARLINE POLING (Chicago)
 ROBERT VINCENT POWER (Marion)
 LEROY RAYMOND PRELLWITZ (Chicago)
 MILTON RABYNE (Chicago)
 JOHN JOSEPH REILLY (Chicago)
 PHILIP TILDEN REINSTEIN (Evanston)
 RICHARD STANLEY RINGENBERG (Chicago)

ROBERT ALLEN ROSE (Chicago)	JACK KENNETH SORENSON (Chicago)
MARTIN GENE ROTH (Chicago)	DONALD ROY STAATS (Evanston)
SHELDON GERALD ROTTENBERG (Chicago)	RALPH GORDON STEVENSON (Morton)
DAVID LEE ROYALTY (Park Forest)	RONALD ALLEN STOCKDALE (Elmhurst)
RAMON LEROY RUONA (Chicago)	EVELYN LOUIS STOLLER (Bushnell)
JOHN JOSEPH RUSSELL (Evanston)	GEORGE STEPHEN SUDDOCK (Chicago)
JEROME WILLIAM RYAN (Des Plaines)	JOHN ROBERT SUICH (Chicago)
JERROLD NEIL SAEKS (Chicago)	JOHN PATRICK SULLIVAN (Chicago)
THOMAS MARTIN SAMP (Mount Prospect)	HAROLD DUANE SUNKEN (Oak Park)
SHASHANA H. SCHAAR (Decatur)	JEANNINE BARBARA SVEC (Chicago)
RICHARD AUGUST SCHUMACHER (Elgin)	GORDON MERLE SWANSON (Evanston)
ANDREW JOHN SCHUMI (Chicago)	JAMES STANLEY SWANSON (Springfield)
FREDERICK HOWARD SCHWARTZ (Chicago)	RICHARD SWANSON (Byton)
SEYMOUR LEROY SCHWARTZ (Skokie)	THEODORE IRVING TAKS (Chicago)
THEODORE JOSEPH SCHWARTZ (Chicago)	WILLIAM CORNELIUS TERPSTRA (Lansing)
ROBERT JOHN SCHWEITZER (Park Forest)	RICHARD LYMAN THORP (Aurora)
CLAUDE EVERETT SEAVER (Rockford)	NORBERT ANDREW VALLEE (Wheaton)
ROBERT STANLEY SEELER (Chicago)	JACK LEONARD WALKER (Franklin Park)
JOHN BERNARD SELVAGGIO (Glen Ellyn)	DONALD WILLIAM WARDEN (Chicago)
THOMAS MICHAEL SENKERIK (Berwyn)	GERALD ALLEN WEBER (Chicago)
EDWIN HENRY SHAPIRO (Chicago)	WILLIAM FRANK WELCH (Chicago)
BURTON STANLEY SHARPE (Northbrook)	ROBERT WILLIAM WELNHOFER (Arlington Heights)
LAWRENCE GENE SHAW (Canton)	HENRY GEORGE WISNIEWSKI (Chicago)
HOMER LEE SHOEMAKER (Monmouth)	ARMIN CARL WISSMUELLER, JR. (Berwyn)
MARVIN DAVID SIEGEL (Chicago)	NORMAN ZUCKERMAN (Chicago)

I concur.

On motion of Mr. Johnston, these certificates were awarded.

BUDGET FOR 1962 SUMMER SESSION AND FACULTY APPOINTMENTS

(2) Submitted herewith are the budget and appointments to the faculty for the 1962 Summer Session.

The eight-week summer session at Urbana-Champaign will begin June 18 and end August 11; at the Chicago Undergraduate Division this session will begin June 22 and conclude August 17. The College of Pharmacy will have two six-week terms, June 18 to July 28, and July 30 to September 8.

The budget totals \$857,953 plus a reserve of \$70,318 for Urbana-Champaign; \$11,549 for the Medical Center; and \$139,482 plus a reserve of \$5,518 for the Chicago Undergraduate Division.

Salaries of members of the University faculty recommended for summer session appointments are computed on the basis of the standard formulae: two-ninths of the salary of the academic year for eight weeks of service, with proportionate amounts for shorter periods or for part-time service. The appointments being recommended include a number of visiting lecturers from other colleges and universities at the salaries indicated.

I recommend that the appointments to the summer session staff be approved as submitted, and that the President of the University be authorized to accept resignations and make such changes and adjustments and additional appointments as are necessary in accordance with the needs of the University within the allocations of funds indicated.

On motion of Mr. Swain, these appointments and the Summer Session budget were approved, and authority was given as requested. This action was taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs.

Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

Summary

Salaries

Urbana-Champaign.....	\$ 838 133
Medical Center	11 549
Reserve	70 318
<i>Total, Urbana-Champaign and Medical Center.....</i>	<i>(920 000)</i>
Chicago Undergraduate Division.....	139 482
Reserve	5 518
<i>Total, Chicago Undergraduate Division.....</i>	<i>(145 000)</i>
<i>Total, Summer Session Salaries.....</i>	<i>(1 065 000)</i>

Wages, Expense, and Equipment

Urbana-Champaign	19 820
<i>Total, Summer Session Budget.....</i>	<i>\$1 084 820</i>

URBANA-CHAMPAIGN

Accountancy

	<i>Per Cent Time</i>	<i>Summer Salary</i>
1. Norton M. Bedford, Professor.....	100	\$ 3 623
2. Charles H. Griffin, Professor.....	100	2 356
3. Kenneth W. Perry, Professor.....	100	2 423
4. Vernon K. Zimmerman, Professor.....	50	1 134
5. Gerald D. Brighton, Associate Professor.....	50	1 023
6. Edwin J. DeMaris, Associate Professor.....	100	2 112
7. Robert E. Schlosser, Associate Professor.....	50	1 078
8. _____, Assistant Professor.....	100	1 845
9. Hellfried P. Holzer, Assistant Professor.....	100	2 000
10. Nancy A. Desmond, Instructor.....	100	1 112
		<i>(\$18 706)</i>

Anthropology

1. John C. McGregor, Professor.....	100	\$ 2 712
2. Edward M. Bruner, Associate Professor.....	100	2 000
3. Kenneth L. Hale, Assistant Professor.....	100	1 512
4. Curtis D. Tunnell, Assistant.....	100	1 334
5. _____, Assistant	50	445
		<i>(\$ 8 003)</i>

Architecture

1. Gabriel Guevrekian, Professor.....	100	\$ 2 623
2. G. M. Hodge, Associate Professor.....	50	1 229
3. Stephen J. Tang, Associate Professor.....	100	2 623
4. Elam L. Denham, Assistant Professor.....	100	1 556
		<i>(\$ 8 031)</i>

Art

1. Charles A. Dietemann, Professor.....	66 $\frac{2}{3}$	\$ 1 645
2. Harold A. Schultz, Professor.....	66 $\frac{2}{3}$	1 838
3. Carleton W. Briggs, Associate Professor.....	100	2 089
4. Donald E. Frith, Associate Professor.....	100	1 778
5. Mark Sprague, Associate Professor.....	100	2 045
6. Arthur R. Sinsabaugh, Assistant Professor.....	100	1 778
7. Julia Browne, Instructor.....	66 $\frac{2}{3}$	815
8. Dennis E. Byng, Instructor.....	66 $\frac{2}{3}$	934
9. George C. Ramsay, Instructor.....	100	1 223
10. Eugene C. Wicks, Instructor.....	100	1 356
11. Elinor E. Collin, Lecturer.....	100	1 356
12. _____, Visiting Lecturer.....	100	2 400
		<i>(\$19 257)</i>

University of Illinois Bands

1. Guy M. Duker, Assistant to the Director.....	33 $\frac{1}{3}$	\$ 667
		<i>(\$ 667)</i>

Botany

1. Donald P. Rogers, Professor.....	100	\$ 2 889
2. Dale M. Smith, Associate Professor.....	100	1 889
3. Zane B. Carothers, Assistant Professor.....	100	1 656
4. _____, Assistant	50	445
5. _____, Assistant	50	445
		(\$ 7 324)

Business Education

1. Ralph E. Mason, Associate Professor.....	50	\$ 959
2. Elizabeth R. Melson, Associate Professor.....	50	1 111
(See Education)	(50)	(1 112)
(Total Salary)		(2 223)
3. Mildred E. Reed, Assistant Professor (June 18-July 14)....	100	834
		(\$ 2 904)

Business Law

1. Paul C. Roberts, Professor.....	50	\$ 1 356
2. B. F. Kirkpatrick, Associate Professor.....	100	2 023
		(\$ 3 379)

Chemistry and Chemical Engineering

1. H. V. Malmstadt, Professor.....	100	\$ 2 889
2. J. W. Westwater, Professor.....	100	2 445
3. C. E. Pfluger, Assistant Professor.....	100	1 556
4. Peter Beak, Instructor.....	100	1 400
5. J. L. Brownlee, Jr., Instructor.....	100	1 556
6. _____, Research Associate.....	100	1 064
7. Daniel D. Perlmuter, Assistant Professor.....	100	1 823
8. _____, Assistant	50	489
9. _____, Assistant	50	489
10. _____, Assistant	50	489
11. _____, Assistant	50	489
12. _____, Assistant	50	489
13. _____, Assistant	50	489
14. _____, Assistant	50	489
15. _____, Assistant	50	467
16. _____, Assistant	50	467
17. _____, Assistant	50	467
18. _____, Assistant	50	467
19. _____, Assistant	50	467
20. _____, Assistant	50	467
21. _____, Assistant	50	445
22. J. R. Knowles, Visiting Lecturer.....	100	1 350
(c/o Mr. George Hammond, California Institute of Technology, Pasadena 4, California)		
23. A. M. Michelson, Visiting Lecturer.....	100	2 889
(Department of Chemistry and Chemical Engineering, 106 Noyes Laboratory, Urbana, Illinois)		
24. N. C. Yang, Visiting Lecturer.....	100	2 700
(Department of Chemistry, University of Chicago, Chicago 37, Illinois)		
25. _____, Visiting Lecturer.....	100	2 000
26. _____, Visiting Lecturer.....	100	1 800
27. _____, Visiting Lecturer.....	100	1 667
28. _____, Visiting Lecturer.....	100	1 667
		(\$33 476)

Child Development

1. Robert B. Smith, Assistant Professor.....	25	\$ 384
(See Home Economics)	(25)	(384)
(See Music)	(50)	(767)
(Total Salary)		(1 535)
2. _____, Assistant	50	456
3. _____, Assistant	25	228
4. _____, Assistant	25	228
5. _____, Visiting Lecturer.....	100	1 244
		(\$ 2 540)

Civil Engineering

1. N. M. Newmark, Professor.....	25	\$ 1 223
2. G. H. Dell, Professor.....	100	2 223
3. Richard S. Engelbrecht, Professor of Sanitary Engineering..	100	2 556
4. Edwin H. Gaylord, Jr., Professor.....	100	3 112
5. William J. Hall, Professor.....	100	2 778
6. Herbert O. Ireland, Professor.....	50	1 223
7. Narbey Khachaturian, Professor.....	100	2 334
8. William H. Munse, Professor.....	50	1 539
9. Ralph B. Peck, Professor of Foundation Engineering.....	50	1 945
10. Moreland Herrin, Associate Professor.....	50	1 056
11. Arthur R. Robinson, Associate Professor.....	50	1 078
12. Mete Avni Sozen, Associate Professor.....	50	1 056
13. Melvin T. Davison, Assistant Professor.....	50	823
14. Steven J. Fenves, Assistant Professor.....	50	912
15. ———, Instructor	25	400
16. ———, Instructor	25	400

(\$24 658)

Civil Engineering (Summer Surveying Camp)

1. Milton O. Schmidt, Professor and Camp Director (June 18 to August 25).....	100	\$ 3 600
2. ———, Associate Professor (June 18 to July 21)....	100	1 278
3. W. A. Scott, Instructor (June 18 to August 25).....	100	1 625
(50 North Eighteenth, Easton, Pennsylvania)		
4. R. E. Morgan, Assistant (June 18 to August 25).....	100	1 250
(1103 Washington, Alton, Illinois)		
5. ———, Assistant (June 18 to July 21).....	100	625

(\$ 8 378)

Classics

1. John L. Heller, Professor.....	75	\$ 2 483
2. Gertrude Smith Greenwood, Visiting Professor.....	50	1 334
(1108 West Nevada Street, Urbana, Illinois)		

(\$ 3 817)

Digital Computer Laboratory

1. Kern W. Dickman, Research Associate.....	75	\$ 1 250
2. ———, Assistant	50	445

(\$ 1 695)

Economics

1. H. K. Allen, Professor.....	100	\$ 3 356
2. E. B. McNatt, Professor.....	100	3 089
3. Walter W. McMahon, Associate Professor.....	100	2 111
4. Case M. Sprenkle, Assistant Professor.....	100	1 756
5. Guy A. Schick, Instructor.....	100	1 634
6. J. C. Cooper, Assistant.....	50	445
7. T. M. Stevenson, Assistant.....	50	445
8. J. O. Bornhofen, Assistant.....	50	445
9. N. B. Murphy, Assistant.....	50	445
10. J. W. Eilert, Assistant.....	50	445
11. J. A. Sawyer, Assistant.....	50	445

(\$14 616)

Education

1. Fred P. Barnes, Professor.....	100	\$ 2 512
2. Thomas E. Benner, Professor.....	100	3 023
3. G. M. Blair, Professor.....	100	2 334
4. R. Will Burnett, Professor.....	100	2 656
5. Arnold W. Condon, Professor of Business Education.....	50	1 534
6. John J. DeBoer, Professor.....	100	2 423
7. Norman E. Gronlund, Professor.....	100	2 223
8. Stanley G. Hall, Professor of General Engineering (July 16 to August 11).....	100	1 200
9. Harold C. Hand, Professor.....	100	3 367
10. Kenneth B. Henderson, Professor.....	100	2 656

11. R. Stewart Jones, Professor.....	100	2 489
12. William E. Kappauf, Professor.....	100	3 045
13. Walter V. Kaulfers, Professor.....	100	2 223
14. Clyde G. Knapp, Professor.....	100	2 223
15. John E. McGill, Professor.....	100	2 223
16. Lawrence E. Metcalf, Professor.....	100	2 234
17. Perry E. Miller, Professor.....	100	3 112
18. Walter J. Moore, Professor.....	100	2 223
19. O. Hobart Mowrer, Research Professor of Psychology.....	50	1 700
(See Psychology)	(50)	(1 700)
(Total Salary)		(3 400)
20. T. Ernest Newland, Professor.....	100	2 223
21. Merle M. Ohlsen, Professor.....	100	2 712
22. Robert E. Pingry, Professor.....	100	2 423
23. J. H. Shores, Professor.....	100	2 545
24. Ray H. Simpson, Professor.....	100	2 578
25. B. Othanel Smith, Professor.....	100	3 300
26. W. O. Stanley, Professor.....	100	2 567
27. Letitia E. Walsh, Professor.....	100	2 356
28. Basil Castaldi, Associate Professor.....	100	2 067
29. Frank Costin, Associate Professor.....	50	1 056
30. Floyd L. Crank, Associate Professor.....	100	1 823
31. Kenneth M. Lansing, Associate Professor.....	100	1 912
32. _____, Associate Professor.....	100	2 200
33. Mary E. Mather, Associate Professor.....	100	1 823
34. Lloyd E. McCleary, Associate Professor.....	100	2 134
35. Foster McMurray, Associate Professor.....	100	1 823
36. Elizabeth R. Melson, Associate Professor.....	50	1 112
(See Business Education).....	(50)	(1 111)
(Total Salary)		(2 223)
37. Donald R. Peterson, Associate Professor.....	50	1 167
(See Psychology)	(50)	(1 167)
(Total Salary)		(2 334)
38. W. L. Shoemaker, Associate Professor.....	100	1 823
39. Robert A. Tinkham, Associate Professor (June 18 to July 14).....	100	923
40. Alfred L. Brophy, Jr., Assistant Professor.....	100	1 600
41. Thomas E. Culliton, Assistant Professor.....	100	1 734
42. William H. Evans, Assistant Professor.....	100	1 734
43. Orrin E. Gould, Assistant Professor.....	100	1 745
44. Inga K. Kelly, Assistant Professor.....	100	1 667
45. John R. Palmer, Assistant Professor.....	100	1 778
46. William D. Phillips, Assistant Professor.....	100	1 734
47. Robert L. Spaulding, Assistant Professor.....	50	889
48. Henry R. Ziel, Assistant Professor.....	100	1 778
49. Harry F. Breen, Jr., Instructor.....	50	723
50. Richard T. Salzer, Instructor.....	100	1 334
51. Elizabeth H. Abbott, Assistant.....	100	956
52. Robert Evans, Assistant.....	50	545
53. William R. Snyder, Assistant.....	100	1 105
54. _____, Assistant	50	545
55. _____, Assistant	50	545
56. _____, Assistant	50	545
57. _____, Assistant	50	545
58. _____, Assistant	50	600
59. _____, Assistant (June 18 to July 14).....	100	545
60. _____, Assistant (July 16 to August 11).....	100	545
61. _____, Assistant (June 18 to July 14).....	100	545
62. _____, Assistant (June 18 to July 14).....	100	545
63. Hans Hahn, Visiting Lecturer.....	50	600
(106 Crystal Lake Drive, Urbana, Illinois)		
64. Myrl Herman, Visiting Lecturer.....	100	1 667
(College of Education, 805 West Pennsylvania Avenue, Urbana, Illinois)		

65. Erhard G. Kugel, Visiting Lecturer.....	100	1 200
(Prospect High School, 801 West Foundry Road, Mount Prospect, Illinois)		
66. Anne C. Raddatz, Visiting Lecturer.....	100	1 200
(722 Dover Place, Champaign, Illinois)		
67. Curtis Stafford, Visiting Lecturer.....	100	2 000
(San Jose State College, San Jose 14, California)		
68. Donald Van Cleve, Visiting Lecturer.....	100	2 000
(State University College, Albany 3, New York)		
69. Arthur F. Jackson, Visiting Lecturer.....	100	2 000
(1811 South Benbow Road, Greensboro, North Carolina)		
70. Guy A. Renzaglia, Visiting Lecturer.....	100	2 640
(408 West Freeman, Carolondale, Illinois)		
71. Henry R. Kaczowski, Visiting Lecturer.....	100	1 800
(5323 West Nebraska, Milwaukee 19, Wisconsin)		
72. ———, Visiting Lecturer.....	100	2 200
73. ———, Visiting Lecturer.....	50	1 000
74. ———, Visiting Lecturer.....	100	2 000
75. ———, Visiting Lecturer (June 18 to July 14).....	100	1 000
76. ———, Visiting Lecturer.....	100	2 000
77. ———, Visiting Lecturer.....	100	2 000
78. Virgil A. Clift, Visiting Lecturer.....	100	1 800
(4902 Pilgrim Road, Baltimore 14, Maryland)		
79. Myron Lieberman, Visiting Lecturer.....	100	2 000
(2825 Coventry Road, Shaker Heights 20, Ohio)		
80. Marjorie L. Savage, Visiting Lecturer (June 18 to July 14).....	100	1 000
(1729 West Michigan, Kalamazoo, Michigan)		
81. ———, Visiting Lecturer.....	100	2 400
82. ———, Visiting Lecturer.....	100	1 300
83. ———, Visiting Lecturer.....	100	1 300
84. ———, Visiting Lecturer.....	100	1 200
85. ———, Visiting Lecturer (June 18 to July 14).....	100	900
86. ———, Visiting Lecturer.....	100	2 000
87. ———, Visiting Lecturer.....	100	2 200
		(\$151 656)

Electrical Engineering

1. George E. Anner, Professor.....	100	\$ 2 800
2. L. B. Archer, Professor.....	100	2 512
3. Max A. Faucett, Professor.....	100	2 189
4. M. S. Helm, Professor.....	100	2 556
5. C. A. Keener, Professor.....	100	3 023
6. G. R. Peirce, Professor.....	100	2 400
7. C. E. Skroder, Professor.....	100	2 223
8. Jerome Earl Williams, Professor.....	100	2 467
9. R. W. Burtness, Associate Professor.....	100	2 578
10. Milton H. Crothers, Associate Professor.....	100	2 223
11. Paul R. Egbert, Associate Professor.....	100	2 023
12. Daniel F. Hang, Associate Professor.....	50	1 089
13. Benjamin Kuo, Associate Professor.....	100	2 045
14. Millard S. McVay, Associate Professor.....	50	1 234
15. ———, Associate Professor.....	100	2 445
16. ———, Associate Professor.....	50	1 000
17. Philip A. Bauman, Assistant Professor.....	50	800
18. William R. Perkins, Assistant Professor.....	50	934
19. ———, Assistant Professor.....	100	1 800
20. ———, Assistant Professor.....	100	1 800
		(\$42 463)

English

1. Marcus S. Goldman, Professor.....	100	\$ 2 178
2. Bruce Harkness, Professor.....	100	2 289
3. Julius N. Hook, Professor.....	50	1 400
4. C. W. Roberts, Professor.....	50	1 412
5. Roland M. Smith, Professor.....	50	1 356

6. Daniel Curley, Associate Professor.....	50	900
7. Robert L. Haig, Associate Professor.....	100	1 889
8. Glenn P. Haskell, Associate Professor.....	50	912
9. Robert B. Lees, Associate Professor.....	100	2 334
10. Francis W. Weeks, Associate Professor of Business English	50	1 067
11. August L. Altenbernd, Assistant Professor.....	100	1 800
12. William M. Curtin, Assistant Professor.....	50	723
13. N. P. Davis, Assistant Professor.....	50	700
14. Rocco L. Fumento, Assistant Professor.....	50	723
15. Stanton Millet, Assistant Professor.....	50	734
16. Frank Moake, Assistant Professor.....	100	1 889
17. Harry F. Robins, Assistant Professor.....	50	867
18. William H. Rueckert, Assistant Professor.....	50	745
19. Robert L. Schneider, Assistant Professor.....	50	778
20. Gardiner B. Stillwell, Assistant Professor.....	50	823
21. _____, Assistant Professor of Business English.....	50	923
22. _____, Assistant Professor of Business English.....	50	789
23. _____, Assistant Professor.....	100	1 600
24. Edward J. Brandabur, Instructor.....	50	667
25. _____, Instructor.....	50	667
26. John A. Hamilton, Instructor.....	50	667
27. Albert C. Tillman, Instructor.....	100	1 356
28. Richard H. Wasson, Instructor.....	50	667
29. James H. Wheatley, Instructor.....	50	689
30. _____, Instructor in Business English.....	50	645
31. _____, Instructor.....	100	1 312
32. _____, Instructor.....	100	1 334
33. _____, Instructor.....	50	556
34. _____, Assistant.....	50	489
35. _____, Assistant.....	50	489
36. _____, Assistant.....	50	489
37. _____, Assistant.....	50	489
38. _____, Assistant.....	50	489
39. _____, Assistant.....	50	489
40. _____, Assistant.....	50	489
41. _____, Assistant.....	50	489
42. Richard Fogle, Visiting Lecturer.....	100	3 000
(Tulane University, New Orleans, Louisiana)		
43. Pierre Michel, Visiting Lecturer.....	50	600
(Department of English, 219 English Building, Urbana, Illinois)		
44. Charles Patterson, Visiting Lecturer.....	100	2 100
(University of Arkansas, Fayetteville, Arkansas)		
45. Dwight L. Burton, Visiting Lecturer (July 2 to July 7).....	100	600
(University of Florida, Tallahassee, Florida)		
46. Charlotte C. Whittaker, Visiting Lecturer (June 25 to June 30).....	100	400
(Evanston Township High School, Evanston, Illinois)		

(\$48 003)

Entomology

1. Gilbert P. Waldbauer, Assistant Professor.....	100	\$ 1 423
		(\$ 1 423)

Finance

1. R. M. Nolen, Professor.....	100	\$ 2 534
2. Richards C. Osborn, Professor.....	100	2 489
3. _____, Assistant Professor.....	100	1 756
4. F. G. Stubbs, Jr., Assistant.....	25	223
5. Paul J. Swanson, Jr., Assistant.....	50	445
		(\$ 7 447)

French

1. C. A. Knudson, Professor.....	50	\$ 1 812
2. C. C. Gullette, Professor.....	100	2 256
3. C. K. Abraham, Assistant Professor.....	100	1 456

4. Edwin Jahiel, Assistant Professor.....	100	1 556
5. F. W. Nachtmann, Assistant Professor.....	100	1 712
6. Claude P. Viens, Associate Professor.....	33 $\frac{1}{2}$	771
7. Pierre Spriet, Assistant Professor (June 18 to July 14).....	100	834
8. _____, Assistant Professor.....	50	817
9. _____, Assistant.....	50	445
10. _____, Assistant.....	50	445
11. _____, Assistant.....	50	445
12. _____, Assistant.....	50	445
13. _____, Assistant.....	50	445
14. _____, Assistant.....	50	445
15. _____, Assistant.....	50	445
16. _____, Assistant.....	50	445
17. _____, Assistant.....	50	445
18. _____, Assistant.....	50	445
19. _____, Assistant.....	50	445
		(\$16 109)

General Engineering

1. _____, Instructor.....	100	\$ 1 445
2. R. W. Bokenkamp, Instructor.....	50	875
3. R. A. Jewett, Associate Professor.....	50	912
4. D. R. Reyes-Guerra, Instructor.....	100	1 556
		(\$ 4 788)

Division of General Studies

1. _____, Assistant Professor.....	100	\$ 1 445
2. Reinhart A. Brust, Assistant.....	50	445
3. Glen E. Gaides, Assistant.....	100	945
		(\$ 2 835)

Geography

1. Alfred W. Booth, Professor.....	50	\$ 1 417
2. Fred W. Foster, Professor.....	50	1 412
3. John L. Page, Professor.....	50	1 223
4. Jerome D. Fellmann, Associate Professor.....	100	2 067
5. Howard G. Roepke, Associate Professor.....	100	2 056
6. _____, Assistant.....	50	445
7. _____, Assistant.....	50	445
8. _____, Assistant.....	25	223
9. _____, Assistant.....	25	223
		(\$ 9 511)

Geology

1. G. W. White, Professor.....	100	\$ 4 023
2. Don U. Deere, Professor.....	100	2 756
3. Frederick W. Cropp, Assistant Professor.....	100	1 689
4. F. M. Wahl, Assistant Professor.....	100	1 578
5. _____, Assistant.....	100	889
6. _____, Assistant.....	100	889
7. F. L. Koucky, Visiting Lecturer.....	100	1 800
(Department of Geology, University of Cincinnati, Cincinnati, Ohio)		
8. Walter P. Kessinger, Jr., Visiting Lecturer.....	100	1 500
(Southwestern Louisiana Institute, Lafayette, Louisiana)		
		(\$15 124)

German

1. Ernst A. Philippson, Professor.....	100	\$ 3 000
2. John R. Frey, Professor.....	100	2 900
3. _____, Assistant Professor.....	100	1 378
4. David Silas, Instructor.....	50	650
5. Sidney Rosenfeld, Assistant.....	50	445
6. Thomas Starnes, Assistant.....	50	445
7. Mary Venclova, Assistant.....	50	445
8. _____, Assistant.....	50	445
9. _____, Assistant.....	50	445

10. _____, Assistant	50	445
11. _____, Assistant	50	445
12. _____, Assistant	50	445
13. _____, Assistant	50	445
		(\$11 933)

Health and Safety Education

1. A. E. Florio, Professor.....	50	\$ 1 456
2. Warren J. Huffman, Assistant Professor.....	100	2 178
		(\$ 3 634)

History

1. Norman A. Graebner, Professor.....	100	\$ 3 334
2. C. Ernest Dawn, Professor.....	100	2 423
3. D. J. Geanakoplos, Professor.....	100	2 445
4. _____, Associate Professor.....	100	2 000
5. Clark C. Spence, Associate Professor.....	100	2 223
6. Robert B. Crawford, Assistant Professor.....	100	1 556
7. Louise B. Dunbar, Assistant Professor.....	100	1 845
8. Mary Lucille Shay, Assistant Professor.....	100	1 845
9. Robert M. McColley, Instructor.....	100	1 445
10. Edmund J. Danziger, Assistant.....	50	445
11. Arnold Zuckerman, Assistant.....	50	445
12. _____, Assistant	50	445
13. _____, Assistant	50	445
14. Dwight L. Ling, Visiting Lecturer.....	100	1 900
(DePauw University, Greencastle, Indiana)		(\$22 796)

Home Economics

1. Virginia Guthrie, Assistant Professor (July 16 to August 11)	100	\$ 812
2. Beulah A. Hunzicker, Assistant Professor (June 18 to July 14)	100	900
3. Glenna H. Lamkin, Assistant Professor (June 18 to July 14)	100	789
4. Millicent V. Martin, Assistant Professor.....	100	1 445
5. Willie M. Mowrer, Assistant Professor.....	50	878
6. Robert B. Smith, Assistant Professor.....	25	384
(See Child Development)	(25)	(384)
(See Music)	(50)	(767)
(Total Salary)		(1 535)
7. Mary Sue Herndon, Instructor (June 18 to July 14)	100	700
8. Wanda J. Knight, Instructor.....	50	556
9. Helen M. House, Assistant (June 18 to July 14)	100	567
10. _____, Assistant	50	456
11. _____, Assistant	50	456
		(\$ 7 943)

Journalism

1. Jay W. Jensen, Associate Professor.....	50	\$ 1 445
2. _____, Assistant Professor	50	934
		(\$ 2 379)

Law

1. Edward W. Cleary, Professor.....	100	\$ 4 512
2. John E. Cribbet, Professor.....	100	4 223
3. William D. Hawkland, Professor.....	100	3 445
4. Victor J. Stone, Professor.....	100	2 800
5. J. Nelson Young, Professor.....	100	4 223
6. Wayne R. LaFave, Assistant Professor.....	100	2 334
7. Dennis M. O'Connor, Assistant Professor.....	100	2 667
8. _____, Visiting Lecturer.....	100	3 000
		(\$27 204)

Graduate School of Library Science

1. Harold Goldstein, Professor.....	100	\$ 2 267
2. Winifred Ladley, Associate Professor.....	100	1 956
3. Cora E. Thomassen, Assistant Professor.....	100	1 556
4. J. Clement Harrison, Instructor.....	100	1 778
5. Benjamin F. Page, Assistant.....	100	1 400

6. ———, Assistant	100	889
7. ———, Assistant	100	889
8. ———, Assistant	100	889
9. Theodora Andrews, Visiting Lecturer.....	100	1 800
(Purdue University Libraries, Lafayette, Indiana)		
10. Ruth M. Erlandson, Visiting Lecturer.....	100	2 000
(Ohio State University Library, Columbus, Ohio)		
11. Emily Varden Smith, Visiting Lecturer.....	100	1 800
(University of Kentucky Library, Lexington, Kentucky)		
12. ———, Visiting Lecturer.....	100	1 800
		(\$19 024)

Management

1. Paul M. Dauten, Jr., Professor.....	100	\$ 2 267
2. Irvin L. Heckmann, Associate Professor.....	100	2 156
3. R. J. Ziegler, Associate Professor.....	100	2 312
4. L. L. D. Shaffer, Instructor.....	100	1 445
5. R. E. Coffey, Assistant.....	50	445
6. L. E. Barnes, Jr., Assistant.....	50	497
		(\$ 9 122)

Marketing

1. Frank H. Beach, Professor.....	100	\$ 3 000
2. Robert V. Mitchell, Professor.....	100	2 534
3. Lloyd M. DeBoer, Associate Professor.....	100	1 978
		(\$ 7 512)

Mathematics

1. C. W. Mendel, Professor.....	100	\$ 2 667
2. R. G. Langebartel, Associate Professor.....	100	2 178
3. J. William Peters, Associate Professor.....	100	2 234
4. Edward J. Scott, Associate Professor.....	100	2 178
5. Harlan G. H. Bartram, Assistant Professor.....	100	1 856
6. Richard L. Bishop, Assistant Professor.....	50	823
7. Clarence Phillips, Assistant Professor.....	50	756
8. Jewell E. Schubert, Assistant Professor.....	100	1 778
9. Betty Detwiler, Instructor.....	100	1 445
10. D. J. Eustice, Instructor.....	100	1 667
11. J. G. Harvey, Instructor.....	100	1 556
12. Yuji Ito, Instructor.....	100	1 445
13. Leone Low, Instructor.....	50	667
14. A. L. Peressini, Instructor.....	100	1 556
15. David Sachs, Instructor.....	50	823
16. Patricia Tucker, Instructor.....	100	1 445
17. Elliot C. Weinberg, Instructor.....	100	1 623
18. ———, Assistant	100	889
19. ———, Assistant	100	889
20. ———, Assistant	100	889
21. ———, Assistant	100	889
22. ———, Assistant	100	889
23. ———, Assistant	100	889
24. ———, Assistant	50	445
25. ———, Assistant	50	445
26. ———, Assistant	100	889
27. ———, Assistant	100	889
28. ———, Assistant	100	889
29. ———, Assistant	100	889
		(\$36 477)

Mechanical and Industrial Engineering

1. Eugene F. Hebrank, Professor.....	100	\$ 2 445
2. William L. Hull, Professor.....	100	2 667
3. Edwin D. Luke, Professor.....	100	2 489
4. ———, Professor	100	2 556
5. James W. Bayne, Associate Professor.....	100	1 956
6. Wen Lung Chow, Associate Professor.....	50	1 078
7. David H. Offner, Associate Professor.....	100	1 845

8. Ross P. Strout, Associate Professor.....	100	1 867
9. S. Ramalingam, Instructor.....	50	723
10. Morse B. Singer, Instructor.....	50	800
11. Parker H. Badger, Lecturer.....	100	1 778
12. B. F. von Turkovich, Lecturer.....	50	1 000
13. A. C. Crook, Assistant.....	50	445
14. W. H. Gilbert, Jr., Assistant.....	50	467
15. R. W. Goluba, Assistant.....	50	445
16. D. M. Wallace, Assistant.....	50	467
17. W. L. Winterbauer, Assistant.....	50	467
18. Louis Wozniak, Assistant.....	50	445
19. W. G. Yeich, Assistant.....	50	467
Microbiology		(\$24 407)

1. _____, Assistant.....	50	\$ 445
2. _____, Assistant.....	50	445
3. _____, Assistant.....	50	445
Music		(\$ 1 335)

1. Bjornar Bergethon, Professor.....	100	\$ 2 645
2. Dorothy E. Bowen, Professor.....	100	2 334
3. Harold A. Decker, Professor.....	75	2 034
4. Scott Goldthwaite, Professor.....	100	2 623
5. Mark H. Hindsley, Professor.....	33 $\frac{1}{3}$	965
6. R. H. Miles, Professor.....	100	2 800
7. Dragan Plamenac, Professor.....	100	2 778
8. Paul Rolland, Professor.....	50	1 312
9. Haskell O. Sexton, Professor.....	75	1 701
10. Robert H. Swenson, Professor.....	33 $\frac{1}{3}$	734
11. Gilbert R. Waller, Professor.....	50	1 139
12. Andrew Morris Carter, Associate Professor.....	25	500
13. J. Robert Kelly, Associate Professor.....	33 $\frac{1}{3}$	697
14. Colleen J. Kirk, Associate Professor.....	100	1 912
15. Everett D. Kisinger, Associate Professor.....	50	1 123
16. Alexander L. Ringer, Associate Professor.....	100	2 445
17. James Louis Bailey, Assistant Professor.....	100	1 734
18. Willis R. Coggins, Assistant Professor.....	100	1 667
19. Blaine E. Edlefsen, Assistant Professor.....	66 $\frac{2}{3}$	993
20. Robert E. Gray, Assistant Professor.....	75	1 334
21. Ben B. Johnston, Assistant Professor.....	100	1 645
22. Edward J. Krolick, Assistant Professor.....	33 $\frac{1}{3}$	519
23. Dean W. Sanders, Assistant Professor.....	100	1 623
24. Robert B. Smith, Assistant Professor.....	50	767
(See Child Development).....	(25)	(384)
(See Home Economics).....	(25)	(384)
(Total Salary).....		(1 535)
25. Eric L. Dalheim, Instructor.....	100	1 089
26. James B. Lyke, Instructor.....	50	723
27. Malcolm Bilson, Assistant.....	100	889
28. Jay C. Decker, Assistant.....	33 $\frac{1}{3}$	296
(2652 East Linwood Street, Springfield, Missouri)		
29. Robert C. Van Nuys, Assistant.....	50	445
30. _____, Assistant.....	100	889
31. _____, Assistant.....	100	889
32. _____, Assistant.....	66 $\frac{2}{3}$	593
33. _____, Assistant.....	50	445
34. Webster Aitken, Visiting Lecturer.....	100	2 500
(128 Christopher Street, New York 22, New York)		
35. Pierre Bernac, Visiting Lecturer.....	100	3 800
(18 Avenue de la Motte-Picquet, Paris VII*, France)		
36. Robert George Petzold, Visiting Lecturer.....	100	2 300
(11 Kewaunee Court, Madison 5, Wisconsin)		
37. _____,.....	50	900
38. _____,.....	50	1 200
		(\$54 982)

Nuclear Engineering

1. Felix T. Adler, Professor.....	100	\$ 3 467
2. Marvin E. Wyman, Professor.....	100	3 267
		(\$ 6 734)

Philosophy

1. Henry S. Harris, Associate Professor.....	100	\$ 1 823
2. Leonard Linsky, Associate Professor.....	100	1 956
3. Harry M. Tiebout, Jr., Associate Professor.....	100	1 956
4. Charles E. Caton, Assistant Professor.....	100	1 445
5. William L. Rowe, Instructor.....	100	1 245
		(\$ 8 425)

Physical Education for Men

1. C. O. Jackson, Professor.....	100	\$ 3 134
2. T. K. Cureton, Jr., Professor.....	100	3 500
3. Alfred W. Hubbard, Professor.....	100	2 300
4. Alan J. Barry, Assistant Professor.....	100	1 834
5. Howard J. Braun, Assistant Professor.....	25	434
6. Ralph E. Fletcher, Assistant Professor.....	33½	667
7. Richard A. Berger, Instructor.....	20	267
8. William L. Hottinger, Instructor.....	20	272
9. Linwood G. Bechtel, Assistant.....	20	232
10. Roy J. Keller, Instructor.....	40	489
11. Robert D. Leigh, Assistant.....	20	243
12. Coleman McPhail, Assistant.....	25	414
(Also Athletic Association).....	(75)	
		(\$13 786)

Physical Education for Women

1. Beulah J. Drom, Assistant Professor.....	75	\$ 1 225
2. Marjorie M. Harris, Instructor.....	100	1 378
3. Marjorie A. Souder, Instructor.....	50	667
4. Phyllis Hill, Assistant.....	25	312
		(\$ 3 582)

Physics

1. ———, Visiting Professor.....	100	\$ 2 000
2. ———, Visiting Lecturer.....	100	2 000
3. ———, Visiting Lecturer.....	100	2 000
4. ———, Visiting Lecturer.....	100	2 000
5. ———, Assistant.....	50	467
6. ———, Assistant.....	50	467
7. ———, Assistant.....	50	467
		(\$ 9 401)

Physiology

1. John D. Anderson, Associate Professor.....	100	\$ 2 234
2. Stanley G. Stolpe, Associate Professor.....	100	1 845
3. ———, Assistant.....	50	445
4. ———, Assistant.....	50	445
5. ———, Assistant.....	50	445
		(\$ 5 414)

Political Science

1. Robert J. Pranger, Assistant Professor.....	100	\$ 1 556
2. John Houston, Visiting Lecturer.....	100	2 666
(Knox College, Galesburg, Illinois)		
3. Richard Rose, Visiting Lecturer.....	100	1 800
(Department of Government, University of Manchester, Manchester 13, England)		
		(\$ 6 022)

Psychology

1. Lloyd G. Humphreys, Professor.....	50	\$ 1 889
2. O. Hobart Mowrer, Research Professor.....	50	1 700
(See Education).....	(50)	(1 700)
(Total Salary).....		(3 400)

3. Jozef B. Cohen, Associate Professor.....	100	1 867
4. Robert E. Jones, Lecturer with rank of Associate Professor..	50	1 000
5. W. G. McAllister, Associate Professor.....	100	1 845
6. Donald R. Peterson, Associate Professor.....	50	1 167
(See Education)	(50)	(1 167)
(Total Salary)		(2 334)
7. M. E. Fishbein, Assistant Professor.....	100	1 556
8. ———, Assistant	50	445

(\$11 469)

Recreation

1. Charles K. Brightbill, Professor.....	100	\$ 3 622
2. Allen V. Sabora, Professor.....	100	2 478
3. Howard E. Weaver, Associate Professor.....	60	1 167

(\$ 7 267)

Russian

1. Frances F. Sobotka, Associate Professor.....	100	\$ 2 445
2. Kurt Klein, Assistant Professor.....	50	878
3. ———, Assistant Professor.....	100	1 556
4. Borys Bilokur, Assistant.....	50	445
5. ———, Assistant	50	445
6. ———, Assistant	50	445

(\$ 6 214)

Jane Addams Graduate School of Social Work

1. James E. McDonald, Associate Professor.....	50	\$ 1 089
2. Lela B. Costin, Assistant Professor.....	50	778

(\$ 1 867)

Sociology

1. Bennett M. Berger, Assistant Professor.....	100	\$ 1 800
2. John P. Clark, Assistant Professor.....	100	1 623
3. Bernard M. Lazerwitz, Assistant Professor.....	100	1 912

(\$ 5 335)

Spanish and Italian

1. W. H. Shoemaker, Professor.....	100	\$ 3 445
2. ———, Associate Professor.....	100	2 112
3. Joseph S. Flores, Associate Professor.....	50	1 100
4. ———, Associate Professor.....	100	2 045
5. Angelina Pietrangeli, Associate Professor.....	100	2 200
6. Mitchell D. Triwedi, Assistant Professor.....	100	1 445
7. David Hernandez, Assistant.....	50	445

(\$12 792)

Speech and Theatre

1. E. Thayer Curry, Professor.....	50	\$ 1 145
2. Halbert E. Gulley, Professor.....	50	1 134
3. Barnard W. Hewitt, Professor.....	50	1 412
4. Raymond E. Nadeau, Professor.....	50	1 123
5. Severina E. Nelson, Professor.....	100	2 445
6. King W. Broadrick, Associate Professor.....	50	978
7. Kenneth Burns, Associate Professor.....	50	912
8. Otto A. Dieter, Associate Professor.....	50	917
9. Delmond N. Bennett, Assistant Professor.....	50	723
10. Vincent W. Byers, Assistant Professor.....	50	778
11. Lawrence W. Olson, Assistant Professor.....	50	845
12. Thomas O. Sloan, Assistant Professor.....	50	778
13. Robert N. Hall, Instructor.....	50	667
14. D. E. Woolley, Assistant.....	75	667
15. Joel Trapido, Visiting Lecturer.....	50	1 223
(See University Theatre)	(50)	(1 223)
(Total Salary)		(2 446)
(204a Lincoln Hall, Urbana, Illinois)		
16. ———, Visiting Lecturer.....	50	1 000

(\$16 747)

Speech and Hearing Clinics

1. Naomi W. Hunter, Assistant Professor.....	100	\$ 1 423
2. Frances L. Johnson, Assistant Professor.....	100	1 445
3. Marie O. Shere, Assistant Professor.....	100	1 556
4. E. W. Loftiss, Assistant.....	100	889
		(\$ 5 313)

University Theatre

1. Mary H. Arbenz, Assistant Professor.....	50	\$ 778
2. Genevieve Richardson, Assistant Professor.....	75	1 184
3. Joel Trapido, Visiting Lecturer.....	50	1 223
(See Speech and Theatre).....	(50)	(1 223)
(Total Salary)		(2 446)
4. Alan Billings, Visiting Lecturer.....	75	1 159
(56 West Delaware Avenue, Newark, Delaware)		
5. _____, Visiting Lecturer.....	50	1 000
6. _____, Assistant.....	25	223
7. _____, Assistant.....	25	223
8. _____, Assistant.....	25	223
9. _____, Assistant.....	25	223
10. _____, Assistant.....	25	223
11. _____, Assistant.....	25	223
12. _____, Assistant.....	25	223
13. _____, Assistant.....	25	223
14. _____, Assistant.....	25	223
		(\$ 7 351)

Theoretical and Applied Mechanics

1. Marlyn E. Clark, Professor.....	50	\$ 1 112
2. Paul Guy Jones, Professor.....	66 $\frac{2}{3}$	1 867
3. Clyde E. Kesler, Professor.....	25	623
4. Wallace M. Lansford, Professor.....	100	2 934
5. Omar M. Sidebottom, Professor.....	66 $\frac{2}{3}$	1 704
6. James O. Smith, Professor.....	75	2 300
7. Marvin C. Stippes, Professor.....	50	1 200
8. Charles E. Taylor, Professor.....	25	650
9. Albert C. Bianchini, Associate Professor.....	66 $\frac{2}{3}$	1 215
10. R. E. Miller, Associate Professor.....	50	945
11. Russell S. Jensen, Assistant Professor.....	100	1 734
12. John W. Murdock, Assistant Professor.....	50	823
		(\$17 107)

Zoology

1. Hurst H. Shoemaker, Associate Professor.....	100	\$ 1 823
2. George W. Barlow, Assistant Professor.....	100	1 556
3. Wesley J. Birge, Assistant Professor.....	100	1 700
4. Thomas W. Betz, Assistant.....	50	445
5. Stanley L. Etter, Assistant.....	50	445
6. Edward O. Moll, Assistant.....	50	445
7. Dwain W. Parrack, Assistant.....	50	445
8. Donald K. Underhill, Assistant.....	50	445
9. Kenneth L. Williams, Assistant.....	50	445
		(\$ 7 749)
Total, Urbana-Champaign		\$838 133

Departmental Wages, Expense, and Equipment

Anthropology		
Expense		\$ 1 250
Child Development		
Expense		200
Civil Engineering Surveying Camp		
Wages, Expense, and Equipment.....		7 610
Education		
Wages and Expense.....		2 960
Honoraria		1 800

Forestry Camp

Wages	840
Expense	2 660
Geography Expense	300
Recreation Expense	2 200
<i>Total, Wages, Expense, and Equipment.</i>	<i>\$19 820</i>

MEDICAL CENTER

College of Pharmacy

Chemistry

	<i>Per Cent Time</i>	<i>Summer Salary</i>
1. ———, Associate Professor (July 30 to September 8)	100	\$ 1 550
2. Dominick Coviello, Assistant Professor (June 18 to July 28)	100	1 333
3. Bernard J. Kurtin, Instructor in Physics (June 18 to July 28)	100	1 100
4. McLouis Robinet, Instructor in Physics (July 30 to September 8)	100	883
5. R. E. Hewitson, Assistant (July 30 to September 8)	50	334
6. David Katague, Assistant (June 18 to July 28)	50	334
7. Denes Pogany, Assistant (June 18 to July 28)	50	334
8. O. L. Salerni, Assistant (July 30 to September 8)	50	334
9. J. P. Shoffner, Assistant (June 18 to July 28)	50	334
10. Hiroshi Takeda, Assistant (July 30 to September 8)	50	334
		(\$ 6 870)

Pharmacy

1. Herbert M. Emig, Associate Professor (June 18 to July 14)	100	\$ 1 089
2. Bernard Ecanow, Assistant Professor (August 13 to September 8)	100	967
3. Frederick Siegel, Assistant Professor (June 18 to August 11)	100	1 956
4. Song-ling Lin, Assistant (June 18 to September 8)	50	667
		(\$ 4 679)
<i>Total, College of Pharmacy.</i>		<i>\$11 549</i>

CHICAGO UNDERGRADUATE DIVISION

Biological Sciences

	<i>Per Cent Time</i>	<i>Summer Salary</i>
1. ———, Professor	50	\$ 1 134
2. William Sangster, Professor	50	1 200
3. Sidney F. Glassman, Associate Professor	50	1 012
4. Ellis B. Little, Associate Professor	50	912
5. Max C. Shank, Associate Professor	75	1 600
6. John T. Newell, Assistant Professor	50	778
7. Halina J. Presley, Assistant Professor	50	806
8. James A. Bond, Instructor	50	723
9. John L. Sarkissian, Instructor	50	578
10. Paul J. Taxey, Instructor	50	534
		(\$ 9 277)

Commerce and Business Administration

1. Clarence H. Gillett, Professor of Economics	100	\$ 2 423
2. W. D. Grampp, Professor of Economics	100	2 267
3. Sarah M. Kabbes, Associate Professor of Accountancy	100	2 067
4. Albert J. Schneider, Associate Professor of Accountancy	100	2 156
5. Winifred B. Geldard, Assistant Professor of Accountancy	100	1 445
6. Lawrence Lipkin, Assistant Professor of Accountancy	100	1 445
7. Alfonso T. Malinosky, Assistant Professor of Accountancy	50	845
8. Carl M. Larson, Instructor in Economics	100	1 667
9. Harold E. Rife, Instructor in Economics	100	1 378
		(\$15 693)

Engineering

1. _____, Associate Professor of Physics.....	100	\$ 1 867
2. Louis Chandler, Associate Professor of Physics.....	100	1 956
3. Herman J. Johnson, Associate Professor of Physics.....	100	1 856
4. Harold M. Skadeland, Associate Professor of Physics.....	100	2 112
5. H. B. Weissman, Associate Professor of Physics.....	100	1 912
6. _____, Associate Professor of Civil Engineering.....	100	1 934
7. Fred W. Schroeder, Assistant Professor of General Engineering.....	100	1 712
8. A. F. Silkett, Assistant Professor of Physics.....	100	1 734
9. _____, Electrical Engineering.....	100	1 700
		(\$16 783)

Humanities

1. Wayne N. Thompson, Professor of Speech.....	100	\$ 2 489
2. Arnold J. Hartoch, Associate Professor of Foreign Languages.....	66⅔	1 306
3. Falk S. Johnson, Associate Professor of English.....	100	2 023
4. Robert Kauf, Associate Professor of Foreign Languages....	66⅔	1 260
5. Bernard R. Kogan, Associate Professor of English.....	100	1 889
6. Marie E. Lein, Associate Professor of Foreign Languages..	66⅔	1 260
7. John O. Marsh, Jr., Associate Professor of Foreign Languages.....	66⅔	1 215
8. Constance Nicholas, Associate Professor of English.....	100	1 889
9. Ernest S. Willner, Associate Professor of Foreign Languages	66⅔	1 304
10. Robert E. Gallagher, Assistant Professor of English.....	100	1 556
11. Sonia Miller, Assistant Professor of English.....	100	1 612
12. Johanna Braunfeld, Instructor in Foreign Languages.....	66⅔	1 038
13. Theodore Kundrat, Instructor in Speech.....	100	1 423
14. Richard H. Lerner, Instructor in English.....	100	1 112
15. John H. Mackin, Jr., Instructor in English.....	100	1 556
16. Irving S. Olsen, Instructor in Foreign Languages.....	66⅔	860
17. James R. Peck, Instructor in English.....	100	1 289
18. _____, Instructor in English.....	100	1 467
19. Clara S. Skogen, Instructor in Foreign Languages.....	66⅔	1 038
20. Robert E. Terrill, Instructor in English.....	100	1 067
		(\$28 653)

Mathematics

1. Irwin K. Feinstein, Associate Professor.....	100	\$ 1 956
2. Miles C. Hartley, Associate Professor.....	83⅓	1 815
3. Louis L. Pennisi, Associate Professor.....	83⅓	1 630
4. Furio Alberti, Assistant Professor.....	100	1 645
5. Sim Lasher, Instructor.....	83⅓	1 158
6. Grace M. Nolan, Instructor.....	83⅓	1 223
7. Charles E. Olsen, Instructor.....	83⅓	1 223
8. N. C. Scholomiti, Instructor.....	83⅓	1 250
9. Helen W. Sears, Instructor.....	83⅓	1 158
10. Laurence R. Sjoblom, Instructor.....	83⅓	1 093
11. Rosemary F. Wiley, Instructor.....	100	1 378
		(\$15 529)

Physical Education

1. Helen M. Barton, Professor of Physical Education for Women.....	100	\$ 2 223
2. Peter R. Berrafato, Assistant Professor of Physical Education for Men.....	50	900
3. Sheldon L. Fordham, Assistant Professor of Physical Education for Men.....	100	2 000
4. Michael G. Maksud, Instructor in Physical Education for Men.....	50	623
5. Harold H. Nemoto, Instructor in Physical Education for Men.....	50	634
6. George J. Strnad, Instructor in Physical Education for Men	50	712
7. Robert L. Nolan, Assistant in Physical Education for Men..	50	523
		(\$ 7 615)

Physical Sciences

1. F. B. Crum, Professor.....	100	\$ 2 400
2. Roy Huitema, Professor.....	100	2 489
3. R. W. Karpinski, Professor.....	100	2 312
4. Joseph Bachrach, Associate Professor.....	50	978
5. Charles K. Hunt, Associate Professor.....	100	2 089
6. Lynn Carbonaro, Instructor.....	100	1 467
7. John W. Cowin, Instructor.....	100	1 556
8. Elaine Z. Herzog, Instructor.....	50	667
9. Joan M. Jones, Instructor.....	100	1 423
10. Robert L. Miller, Instructor.....	75	1 134
11. Frances K. Seabright, Instructor.....	100	1 467
12. Thomas A. Lothian, Assistant.....	100	1 112
		(\$19 094)

Social Sciences

1. Hollis W. Barber, Professor of Political Science.....	100	\$ 2 667
2. Alden D. Cutshall, Professor of Geography.....	66 $\frac{2}{3}$	1 660
3. Peter P. Klassen, Professor of Sociology.....	100	2 445
4. D. J. Morris, Professor of Philosophy.....	100	2 223
5. _____, Professor of Education.....	100	2 223
6. Shirley A. Bill, Associate Professor of History.....	83 $\frac{1}{3}$	1 575
7. Robert E. Corley, Associate Professor of Sociology.....	50	912
8. Milton L. Rakove, Assistant Professor of Political Science..	100	1 667
9. Walter B. Asch, Instructor in History.....	66 $\frac{2}{3}$	889
10. Robert R. Page, Instructor in Philosophy.....	100	1 378
11. George H. Smith, Jr., Instructor in Sociology.....	66 $\frac{2}{3}$	830
12. Charles P. Warren, Instructor in Sociology.....	66 $\frac{2}{3}$	919
13. _____, Visiting Lecturer in Psychology.....	100	1 450
14. _____, Visiting Lecturer.....	100	1 200
15. _____, Visiting Lecturer.....	66 $\frac{2}{3}$	1 150
16. _____, Visiting Lecturer.....	66 $\frac{2}{3}$	800
17. _____, Visiting Lecturer.....	66 $\frac{2}{3}$	800
18. _____, Visiting Lecturer.....	66 $\frac{2}{3}$	800
19. _____, Visiting Lecturer.....	50	750
20. _____, Visiting Lecturer.....	50	500
		(\$26 838)
<i>Total, Chicago Undergraduate Division.....</i>		(\$139 482)

APPOINTMENTS TO THE FACULTY

(3) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. H. WILLIAM ELGHAMMER, Lecturer in Pediatrics, with rank of Professor, College of Medicine, beginning November 1, 1961, without salary (DY).
2. JAMES F. EVANS, Assistant Extension Editor with rank of Assistant Professor, in the College of Agriculture, beginning January 1, 1962, at an annual salary of \$10,000 (BY).
3. EDITH HUFFMAN, Assistant Professor of Home Economics Extension, beginning February 15, 1962, at an annual salary of \$8,300 (BY).
4. HEIKKI G. IGNATIUS, Visiting Associate Professor of Geology, for the academic year, 1962-1963, at a salary of \$9,000 (E).
5. THURSTON E. LARSON, Professor of Sanitary Engineering, in the Department of Civil Engineering, beginning January 1, 1962, without salary (D).
6. ELBERT E. OLIVER, Assistant Dean, Office of Admissions and Records, beginning July 1, 1962, at an annual salary of \$14,000 (DY).
7. CHIH-TANG SAH, Associate Professor of Electrical Engineering, beginning January 15, 1962, at an annual salary of \$11,500 (A).
8. JOSEPH SAMACHSON, Assistant Professor of Biological Chemistry, in the College of Medicine, beginning January 1, 1962, without salary (DY).
9. HOWARD E. TRIER, Assistant Professor of Psychology in Extension, in the Division of University Extension, beginning January 15, 1962, at an annual salary of \$10,000 (DY).

10. ARTHUR R. TWARDOCK, Assistant Professor of Veterinary Physiology and Pharmacology, beginning June 1, 1962, at an annual salary of \$10,000 (BY).
11. LOUIS D. VOLPP, Associate Professor and Associate Director of the Graduate School of Business Administration, beginning December 1, 1961, at an annual salary of \$9,300 (A, B).
12. FRANKLIN D. YODER, Professor of Public Health and Senior Member in the Center for Zoonoses Research, College of Veterinary Medicine, beginning January 1, 1962, on one-fourth time, at an annual salary of \$5,000 (FY25).

On motion of Mr. Dilliard, these appointments were confirmed.

APPOINTMENT OF ASSISTANT TO THE VICE-PRESIDENT OF THE CHICAGO UNDERGRADUATE DIVISION

- (4) The Vice-President for the Chicago Undergraduate Division recommends the appointment of Ora L. Railsback, presently Professor and Head of the Division of Physics at the Chicago Undergraduate Division, as Professor and Head of the Division of Physics on one-third time, and Assistant to the Vice-President on two-thirds time, beginning March 1, 1962, at an annual salary of \$13,000 (A33, D67).

I concur.

On motion of Mr. Dilliard, this appointment was approved.

APPOINTMENT OF DIRECTOR OF THE EXECUTIVE DEVELOPMENT CENTER

- (5) The Dean of the College of Commerce and Business Administration has recommended, and I have approved, the appointment of Professor Robert O. Harvey of the Department of Finance as Director of the Executive Development Center, effective December 1, 1961, and continuing through August 31, 1962, at his present salary of \$12,300 per year, plus a two months' summer appointment at the same rate to provide for the standard adjustment of salary from nine months to full year service.

This appointment is to fill the vacancy created by the resignation of Professor R. G. Seymour.

On motion of Mr. Clement, this appointment was approved.

APPOINTMENT OF DIRECTOR OF UNION AT CONGRESS CIRCLE CAMPUS

- (6) The Vice-President for the Chicago Undergraduate Division, upon the nomination of the Director of the Physical Plant, recommends the appointment of James J. Overlock, Seattle, Washington, presently Assistant Director of the Associated Students of the University of Washington and of the Union Building at the University of Washington, as Director of the Union at Congress Circle Campus beginning April 1, 1962, at an annual salary rate of \$13,000. The present appointment is for the balance of the current academic year and reappointment will be on an annual basis.

It is desirable that Mr. Overlock be brought into this position soon so that he can assist with the planning of the new building. He will also be Director of the student union activities in the recently remodeled quarters at Navy Pier and will be responsible for the operation of these facilities, including the development of student programs which will eventually be housed in the new building at Congress Circle.

I concur.

On motion of Mr. Johnston, this appointment was approved.

DEANSHIP OF THE COLLEGE OF NURSING

- (7) Dean Emily C. Cardew of the College of Nursing has asked to be relieved of her administrative duties as Dean as soon as a suitable replacement can be made. She will, however, continue serving on the faculty as Associate Professor, teaching in both a baccalaureate program and developing a graduate program leading to the master's degree, for which there is a pressing need.

I have approved Dean Cardew's request and report this action for record.

A search committee has been appointed to consider available candidates for this position and to make recommendations.

This report was received for record.

BANK ACCOUNTS FOR EXTENSION COUNCILS

(8) Agricultural and home economics extension work in the counties of the state of Illinois is supported by federal appropriations, state appropriations to the University of Illinois, and contributions from local sources. Under the present system, local funds are paid to the University and become one of the financial resources for payments by the University of salaries, travel, rent, and other expenses incidental to operating the county offices. To expedite the payment of local operating costs of the offices and to increase participation and responsibilities of local citizens, it is proposed that the expenditures for local operations—other than salaries, travel, and rent—be made at the county level from the contributed funds. The kinds of expenditures are: office supplies, telephone, utilities, and the service activities mentioned below.

In 1955 Councils in Agriculture Extension and in Home Economics Extension were established in each county. Members are appointed by the Director of the Cooperative Extension Service under authority granted by the Board of Trustees. These Councils assist the University in carrying out its Cooperative Extension Service programs. It is a present responsibility of the Extension Councils to develop detailed budgets for the extension work in the respective counties with the assistance of the County Advisers and to obtain local contributions in support of such budgets, which are submitted to the Cooperative Extension Service for approval.

The Councils forward to the University the grants obtained from local sources to support these programs. It is now proposed that funds received—except those for salaries, travel, and rent—be deposited in a bank within the county in the name of the University of Illinois. Local operating costs, other than those indicated, will be paid from this account. Into this account will also be deposited receipts from local service activities, such as 4-H premiums and prizes and camping activities, and from which equivalent disbursements for these purposes will be made. All checks drawn will be signed by the Council Treasurer and co-signed by the County Farm or Home Adviser. Audits of the accounts will be regularly performed by a University auditor, and financial reports will be periodically submitted to the Cooperative Extension Service.

It is recommended by the Director of the Cooperative Extension Service and by the Vice-President and Comptroller that the Board authorize establishing accounts in banks in (selected) counties for the funds for local operations, as outlined above, for each of the Councils in Agriculture and in Home Economics. For the present, this procedure will be initiated in only a few selected counties to test its operational effectiveness. If such a procedure proves successful, it may be extended to all of the counties of the state desiring such a service. A report of the accounts thus established will be made to the Board.

On motion of Mr. Swain, this recommendation was approved, and authority was given as requested.

ANTI-TRUST LITIGATION

(9) On February 5, 1962, suit was filed on behalf of the University in the Federal District Court for the Northern District of Illinois (Case 62 C 362) against eighteen electrical manufacturers who were involved in the electrical equipment price-fixing conspiracy which was the subject of federal anti-trust action in 1960 and 1961. The complaint seeks recovery of treble damages under the Sherman and Clayton Anti-Trust Laws, for overcharges on purchases of electrical equipment by and for the University during the period of the conspiracy.

The Legal Counsel states that the institution of the suit on the date indicated was necessary to preserve the University's rights in the matter. He requests confirmation and ratification by the Board of the filing of the suit, the employment of Attorney Lee A. Freeman, Chicago, as special counsel to represent the University in connection therewith, and authority to proceed with the litigation and to employ such other special consultants as may be appropriate.

I concur.

On motion of Mr. Clement, the actions taken in this matter were confirmed and ratified, and authority was given as requested.

Mr. Johnston asked to be recorded as not voting on grounds of conflict of interest, being a member of the Board of Directors of one of the defendant corporations.

CHANGES IN STUDENT FEES

(10) In October, 1956, the Board of Trustees approved, in principle, the assessment of building fees of \$20.00 per semester to make possible the construction of student service facilities—the Illini Union Addition, Student Services Buildings (including a Health Service Building), and the Assembly Hall—on a self-liquidating basis. This has been a firm commitment to the state of Illinois in connection with the biennial budgets since the biennium of 1957-59, but the fees have not been put into effect pending completion of the buildings to which they are related.

The Committee on Fees now recommends that the fees for students on the Urbana-Champaign campus be increased by \$20.00 a semester, effective September, 1962, in order to provide for operation and debt service on the service buildings. It also recommends, for simplicity in assessment and accounting, that a single service fee be assessed, to be distributed to the various activities as shown in the internal budget each year. Thus, at Urbana-Champaign and the Medical Center there will be only three fees: tuition, service fee, and hospital-medical-surgical insurance fee. At the Chicago Undergraduate Division, there will be, in addition to the above three, an activities fee. The revised schedules of fees as recommended by the Committee appear below as Exhibit A.

The Committee also recommends that the number of credit hours included in the three ranges of fees be adjusted so that one-third of the normal load of fifteen hours be included in each successive range. Some revisions in the amount of fees for part-time students are made and the hospital-medical-surgical fee is charged all students who do not have equivalent coverage.

The Committee also recommends that a late registration fine of \$15.00 be assessed all students who register for work in residence after the close of the regular registration, in addition to the tuition and fees presented in the schedule. The fine may be waived on petition in emergencies, such as illness or death in the immediate family.

The Committee also recommends that the charge for deferment of payment of fees be uniformly set at \$2.00 and that it be nonrefundable. The charge is not applicable when arrangements have been made to bill the fees to an agency.

The Committee also recommends that the visitor's fee be increased from \$10.00 to \$15.00 for each course on campus. Persons paying full fees (Range I) and those who are exempt from tuition are not assessed the fee.

The laboratory, library, and supply fee is discontinued, and applied to the total service fee, which will be distributed in 1962-63 as follows:

Urbana-Champaign: Illini Union and Health Center, 46¼ per cent; Assembly Hall, 46¼ per cent; Student Services Building, 7½ per cent.

Medical Center: Union Building, 15 per cent; Dentistry-Medicine-Pharmacy Revenue Bond Fund, 85 per cent.

Chicago Undergraduate Division: Union Building, 30 per cent; Union Building Replacement, 70 per cent.

The Director of Auxiliary Services and the Vice-President and Comptroller recommend that the housing deposit be increased from \$30.00 to \$40.00. This will eliminate confusion with the tuition deposit of \$30.00 required for new students. (The housing deposit is applied to the rental, but is forfeited if the student does not withdraw his application before a specified date.)

The Committee further recommends some revisions in the regulations governing assessment of and exemptions from fees, submitted herewith as Exhibit B.

I concur in these recommendations.

On motion of Mr. Johnston, the revisions in fees and in the regulations governing the assessment of and exemptions from fees were

approved as recommended herein; and the schedules of fees as they appear below were authorized.

Exhibit A

TUITION AND FEES EFFECTIVE SEPTEMBER 1, 1962

Tuition and fees are payable in full when the student registers, unless the installment plan is elected.

Urbana-Champaign Campus

SEMESTER

	<i>Full Program</i>		<i>Partial Programs</i>			
	<i>Range I</i>		<i>Range II</i>		<i>Range III</i>	
	<i>Above 10 semester hours or above 2½ units</i>		<i>Above 5 semester hours or 1¼ units up to and including 10 hours or 2½ units</i>		<i>Above 0 up to and including 5 semester hours or 1¼ units</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
Tuition (except those holding exemptions)	\$ 85 00	\$260 00	\$ 60 00	\$180 00	\$ 35 00	\$105 00
Service Fee ¹	40 00	40 00	30 00	30 00	25 00	25 00
Hospital-Medical-Surgical Insurance Fee ²	10 00	10 00	10 00	10 00	10 00	10 00
<i>Total</i>	<u>\$135 00</u>	<u>\$310 00</u>	<u>\$100 00</u>	<u>\$220 00</u>	<u>\$ 70 00</u>	<u>\$140 00</u>

EIGHT-WEEK SUMMER SESSION

	<i>Full Program</i>		<i>Partial Programs</i>			
	<i>Range I</i>		<i>Range II</i>		<i>Range III</i>	
	<i>Ranges are one-half the credits for a semester</i>					
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
Tuition (except those holding exemptions)	\$ 45 00	\$130 00	\$ 30 00	\$ 90 00	\$ 20 00	\$ 55 00
Service Fee ¹	20 00	20 00	15 00	15 00	10 00	10 00
Hospital-Medical-Surgical Insurance Fee ²	5 00	5 00	5 00	5 00	5 00	5 00
<i>Total</i>	<u>\$ 70 00</u>	<u>\$155 00</u>	<u>\$ 50 00</u>	<u>\$110 00</u>	<u>\$ 35 00</u>	<u>\$ 70 00</u>

SIX-WEEK WINTER SHORT COURSE IN AGRICULTURE AND HOME ECONOMICS

	<i>Full Program</i>		<i>Partial Programs</i>			
	<i>Range I</i>		<i>Range II</i>		<i>Range III</i>	
	<i>Above 2 courses</i>		<i>2 courses</i>		<i>1 course</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
Tuition (except those holding exemptions)	\$ 35 00	\$105 00	\$ 25 00	\$ 75 00	\$ 15 00	\$ 40 00
Service Fee ¹	15 00	15 00	15 00	15 00	10 00	10 00
Hospital-Medical-Surgical Insurance Fee ²	5 00	5 00	5 00	5 00	5 00	5 00
<i>Total</i>	<u>\$ 55 00</u>	<u>\$125 00</u>	<u>\$ 45 00</u>	<u>\$ 95 00</u>	<u>\$ 30 00</u>	<u>\$ 55 00</u>

¹ Persons on the academic, administrative, or permanent nonacademic staff of the University, or on the staffs of the allied agencies, and persons registered in absentia or off-campus will be exempt from the service fee.

² Students presenting evidence of equivalent coverage may receive a waiver of the hospital-medical-surgical insurance fee upon approval of a petition submitted to the University Insurance Office not later than the final day established for full refund of fees. Persons registered for thesis research in absentia will not be assessed the hospital-medical-surgical insurance fee.

Chicago Undergraduate Division

SEMESTER

	Full Program Range I Above 10 semester hours		Partial Programs			
			Range II Above 5 semester hours up to and in- cluding 10 semester hours		Range III Above 0 up to and including 5 semester hours	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
Tuition (except those holding exemptions)....	\$ 85 00	\$260 00	\$ 60 00	\$180 00	\$ 35 00	\$105 00
Service Fee ¹	17 00	17 00	12 00	12 00	10 00	10 00
Hospital-Medical- Surgical Insur- ance Fee ²	8 00	8 00	8 00	8 00	8 00	8 00
Activities Fee ¹	10 00	10 00	10 00	10 00	7 00	7 00
Total.....	\$120 00	\$295 00	\$90 00	\$210 00	\$ 60 00	\$130 00

EIGHT-WEEK SUMMER SESSION

	Full Program Range I		Partial Programs			
			Range II		Range III	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
Tuition (except those holding exemptions)....	\$ 45 00	\$130 00	\$ 30 00	\$ 90 00	\$ 20 00	\$ 55 00
Service Fee ¹	11 00	11 00	6 00	6 00	4 00	4 00
Hospital-Medical- Surgical Insur- ance Fee ²	4 00	4 00	4 00	4 00	4 00	4 00
Activities Fee ¹	5 00	5 00	5 00	5 00	2 00	2 00
Total.....	\$ 65 00	\$150 00	\$ 45 00	\$105 00	\$30 00	\$ 65 00

Registration in Noncredit Courses

1. Persons registered *on campus* for thesis research only without credit are charged a tuition fee of \$10.00 plus a service fee of \$15.00 and the hospital-medical-surgical insurance fee.
2. Persons registered for thesis research *in absentia* without credit are charged only a tuition fee of \$10.00.
3. No charge is made for noncredit registrations in seminars, either alone or in addition to other courses.
4. Persons not holding tuition waivers who are registered for less than a full program of credit courses (as defined in the fee schedule) shall pay \$15.00 for each noncredit course in addition to the required tuition and fees for the credit courses. If taken alone, noncredit courses other than thesis research and seminar will be assigned to Range III.
5. University employees who register at the request of their departments in noncredit courses especially established to improve the work of the employee will not be charged for such courses.

¹ Persons on the academic, administrative, or permanent nonacademic staff of the University, or on the staffs of the allied agencies, and persons registered in absentia or off-campus will be exempt from the service fee and the activities fee.

² Students presenting evidence of equivalent coverage may receive a waiver of the hospital-medical-surgical insurance fee upon approval of a petition submitted to the University Insurance Office not later than the final day established for full refund of fees. Persons registered for thesis research in absentia will not be assessed the hospital-medical-surgical insurance fee.

Medical Center

QUARTER

	<i>Full Program</i>		<i>Partial Programs</i>			
	<i>Range I</i>		<i>Range II</i>		<i>Range III</i>	
	<i>Above 199 clock</i>		<i>100 to 199 clock</i>		<i>0 to 99 clock</i>	
	<i>hours</i>		<i>hours</i>		<i>hours</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
MEDICINE						
Tuition (except those holding exemptions)	\$ 57 00	\$174 00	\$ 40 00	\$120 00	\$ 25 00	\$ 75 00
Service Fee ¹	87 00	120 00	54 00	64 00	29 00	29 00
Hospital-Medical-Surgical Insurance Fee ²	6 00	6 00	6 00	6 00	6 00	6 00
<i>Total</i>	<u>\$150 00</u>	<u>\$300 00</u>	<u>\$100 00</u>	<u>\$190 00</u>	<u>\$ 60 00</u>	<u>\$110 00</u>

	<i>Full Program</i>		<i>Partial Programs</i>			
	<i>Range I</i>		<i>Range II</i>		<i>Range III</i>	
	<i>Above 199 clock</i>		<i>100 to 199 clock</i>		<i>0 to 99 clock</i>	
	<i>hours</i>		<i>hours</i>		<i>hours</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
DENTISTRY						
Tuition (except those holding exemptions)	\$ 57 00	\$174 00	\$ 40 00	\$120 00	\$ 25 00	\$ 75 00
Service Fee ¹	77 00	110 00	54 00	64 00	29 00	29 00
Hospital-Medical-Surgical Insurance Fee ²	6 00	6 00	6 00	6 00	6 00	6 00
<i>Total</i>	<u>\$140 00</u>	<u>\$290 00</u>	<u>\$100 00</u>	<u>\$190 00</u>	<u>\$ 60 00</u>	<u>\$110 00</u>

	<i>Full Program</i>		<i>Partial Programs</i>			
	<i>Range I</i>		<i>Range II</i>		<i>Range III</i>	
	<i>Above 10 quarter</i>		<i>Above 5 hours or 1</i>		<i>Above 0 up to and</i>	
	<i>hours or above</i>		<i>unit up to and in-</i>		<i>cluding 5 hours or</i>	
	<i>2 units</i>		<i>cluding 10 hours or</i>		<i>1 unit</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
PHARMACY						
Tuition (except those holding exemptions)	\$ 57 00	\$174 00	\$ 40 00	\$120 00	\$ 25 00	\$ 75 00
Service Fee ¹	37 00	37 00	29 00	29 00	19 00	19 00
Hospital-Medical-Surgical Insurance Fee ²	6 00	6 00	6 00	6 00	6 00	6 00
<i>Total</i>	<u>\$100 00</u>	<u>\$217 00</u>	<u>\$ 75 00</u>	<u>\$155 00</u>	<u>\$ 50 00</u>	<u>\$100 00</u>

¹ Persons on the academic, administrative, or permanent nonacademic staff of the University, or on the staffs of the allied agencies, and persons registered in absentia or off-campus will be exempt from the service fee.

² Students presenting evidence of equivalent coverage may receive a waiver of the hospital-medical-surgical insurance fee upon approval of a petition submitted to the University Insurance Office not later than the final day established for full refund of fees. Persons registered for thesis research in absentia will not be assessed the hospital-medical-surgical insurance fee.

	<i>Full Program Range I Above 10 quarter hours or above 2 units</i>		<i>Partial Programs</i>			
	Resi- dent	Nonresi- dent	<i>Range II Above 5 hours or 1 unit up to and in- cluding 10 hours or 2 units</i>		<i>Range III Above 0 up to and including 5 hours or 1 unit</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
ALL OTHERS (NURSING, GRADUATE, OCCUPATIONAL THERAPY, MEDICAL ILLUSTRATION)						
Tuition (except those holding exemptions)....	\$ 57 00	\$174 00	\$ 40 00	\$120 00	\$ 25 00	\$ 75 00
Service Fee ¹	27 00	27 00	24 00	24 00	19 00	19 00
Hospital-Medical- Surgical Insur- ance Fee ²	6 00	6 00	6 00	6 00	6 00	6 00
<i>Total</i>	<u>\$ 90 00</u>	<u>\$207 00</u>	<u>\$ 70 00</u>	<u>\$150 00</u>	<u>\$ 50 00</u>	<u>\$100 00</u>

SEMESTER

	<i>Full Program Range I Above 2½ units</i>		<i>Partial Programs</i>			
	Resi- dent	Nonresi- dent	<i>Range II Above 1¼ units up to and including 2½ units</i>		<i>Range III Above 0 units up to and including 1¼ units</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
SOCIAL WORK						
Tuition (except those holding exemptions)....	\$ 85 00	\$260 00	\$ 60 00	\$180 00	\$ 35 00	\$105 00
Service Fee ¹	42 00	42 00	32 00	32 00	27 00	27 00
Hospital-Medical- Surgical Insur- ance Fee ²	8 00	8 00	8 00	8 00	8 00	8 00
<i>Total</i>	<u>\$135 00</u>	<u>\$310 00</u>	<u>\$100 00</u>	<u>\$220 00</u>	<u>\$ 70 00</u>	<u>\$140 00</u>

Summer Fees

Summer fees in Dentistry, Medicine, Pharmacy, Occupational Therapy, and Nursing are the same as for a regular quarter except one-half tuition and the service fee are charged for students taking a six-week program or one-third tuition and the service fee for students taking a four-week program when such is scheduled, rounded to the next higher dollar amount.

Exhibit B Assessment and Exemptions

Tuition and fees are assessed all students, as applicable. The nonresident tuition fee is assessed against those students who are defined as nonresidents of Illinois under the *Regulations Governing Assessment of Resident or Nonresident Student Fees*.

For fee assessment purposes, a staff appointment must require service for not less than three-fourths of the term. (This is interpreted as a minimum of three and one-half months in a semester, nine weeks in a quarter, and six weeks in an

¹ Persons on the academic, administrative, or permanent nonacademic staff of the University, or on the staffs of the allied agencies, and persons registered in absentia or off-campus will be exempt from the service fee.

² Students presenting evidence of equivalent coverage may receive a waiver of the hospital-medical-surgical insurance fee upon approval of a petition submitted to the University Insurance Office not later than the final day established for full refund of fees. Persons registered for thesis research in absentia will not be assessed the hospital-medical-surgical insurance fee.

eight-week summer session.) *Staff tuition and fee privileges do not apply to students employed on an hourly basis in either an academic or a nonacademic capacity nor to persons on leave without pay.*

Waiver of one or more of these charges may be provided as follows:

1. Persons on the academic, administrative, or permanent nonacademic staff of the University, or on the staffs of the allied agencies, persons having graduate tuition and fee waivers described under 4d below, and persons registered in absentia or off-campus will be exempted from the service fee.
2. Students presenting evidence of equivalent coverage may receive a waiver of the hospital-medical-surgical insurance fee upon approval of a petition submitted to the University Insurance Office. Persons registered for thesis research in absentia will not be assessed the hospital-medical-surgical insurance fee.
3. The nonresident portion of the tuition and fees is waived for all staff members, and for others as specified below:
 - a. All staff members and the spouses and dependent children of staff members of the University, of allied agencies, or of the faculties of state-supported institutions of higher education in Illinois, and teachers in the private and public elementary and secondary schools in Illinois shall, if subject to the payment of tuition and fees, be assessed at the resident rate during the term in which the staff member, faculty member, or teacher holds such an appointment. This privilege also extends to the summer session immediately following the term for which such appointment was effective.
 - b. Any nonresident student who qualifies for resident tuition and fees by reason of an appointment described under 3a above shall become subject to non-resident tuition and fees if the appointment qualifying him for the resident benefit is vacated by resignation or otherwise prior to completion of three-fourths of the term in question.
 - c. Persons who are actively serving in one of the Armed Forces of the United States and who are stationed and present in the state of Illinois in connection with that service, and the spouses and dependent children of such persons, are permitted to attend the University upon paying the same tuition and fees assessed against resident students as long as such first-mentioned person remains stationed and present in this state and the spouse or dependent child attending the University is also living in this state.
4. Tuition waivers are provided under the following conditions:¹
 - a. For holders of tuition waiver scholarships established by the General Assembly for use at the University of Illinois, and for all holders of tuition waiver scholarships established by the Board of Trustees.
 - b. For all academic employees of the University or of allied agencies whose official appointments call for not more than 67 per cent of full-time services in the term for which waiver is granted.
 - c. For all permanent nonacademic employees under appointment with the University or allied agencies who register in University courses in Range II or III. (Nonacademic employees may register in University courses only upon recommendation of the head of the department in which the individual is employed and upon approval by the Director of Nonacademic Personnel, and the usual schedule limits apply.)
 - d. For holders of tuition and fee waivers authorized by the Board of Trustees, to be awarded to University fellows and others at the discretion of the Dean of the Graduate College. These persons are also exempt from the service fee.
 - e. For students attending University courses under grants or contracts with outside sponsors which provide payments to cover the total costs of instruction. The service fee and the hospital-medical-surgical insurance fee are also waived if such fees are charged to the contract or grant funds.
 - f. For cooperating teachers and administrators who receive assignment of practice teachers. Such persons who register in University courses are exempted from both tuition and the service fee for one semester or summer session for each semester during the calendar year, September to September, in which service is rendered.
 - g. Any graduate student not subject to tuition and fees by reason of his appointment who resigns from his position before rendering service for at least

¹ Unless otherwise noted or unless item 1 or 2 above applies, these waivers apply only to tuition and not to the service fee and the hospital-medical-surgical insurance fee.

three-fourths of that term provided he completes clearance for graduation and terminates active study within one week following the date of resignation. He need not cancel his registration.

- h. Any student who resigns his staff appointment before rendering service for at least three-fourths of the term becomes subject to the full amount of the appropriate tuition and fees for that term unless he withdraws from his University classes at the same time.
- i. Students holding appointments during the final term of an academic year either as employees or fellows, and for whom tuition and/or fees have been provided through waiver or cash payment by an outside agency, are entitled to a waiver of the same kinds of tuition and fees for the summer session immediately following, provided they hold no appointments during that summer session.
- j. Students holding summer session appointments as fellows or as employees are subject to such tuition and fees as would be assessed in accordance with the principles expressed above.

Refunds

Urbana-Champaign Campus and Chicago Undergraduate Division

1. A student subject to tuition and/or fees who withdraws from the University during any term receives refunds as follows:

IN A SEMESTER

- a. During the first ten days of instruction in a semester, refund is made of the full amount of the tuition and fees assessed except for a nonrefundable charge of \$30.00.¹ When the total assessment has been less than \$30.00, the full amount of the assessment, if any, is nonrefundable.
- b. After the first ten days but within the first half of the semester, one-half of the total amount of the tuition and fees assessed which remains after deduction of the above mentioned amount is refunded.
- c. After the midpoint of the semester, no refund is allowed.

IN AN EIGHT-WEEK SUMMER SESSION

- a. During the first five days of instruction in the summer session, refund is made of the full amount of the tuition and fees assessed except for a nonrefundable charge of \$15.00.¹ When the total assessment has been less than this amount, the full amount of the assessment, if any, is nonrefundable.
- b. After the first five days but within the first half of the summer session, one-half of the amount assessed which remains after deduction of the above mentioned \$15.00 is refunded.
- c. After the midpoint of the summer session, no refund is allowed.
2. A student who reduces his registration to a lower range receives a refund of the full amount of the difference in tuition and fees specified for such schedules provided the changes are made during the period designated for refund of full fees in case of withdrawal from the University. One-half the above difference is refunded if the changes are made during the period for one-half refund in case of withdrawal from the University. Thereafter, no rebate is allowed.
3. A person registered as a visitor who desires to withdraw receives a full refund of the visitor's fee, if originally charged, provided he makes personal request for a refund at the Office of Admissions and Records within the full rebate period in any semester, term, or session. Thereafter, no rebate is made.
4. A student who withdraws from a flight-training course receives a refund of the full flight-training fee during the first ten days of instruction in a semester or the first five days of instruction in the eight-week summer session; a half refund during the remaining half of the term; and no refund thereafter.
5. For University terms of different lengths of time, the full and half refund periods and the amount of the retained portions of the fees are determined proportionately in accordance with the above principles.
6. Tuition and fees of a student dismissed from the University during any term are refunded on the same basis as indicated above for a student who withdraws with permission.

¹ The nonrefundable charge includes the hospital-medical-surgical insurance fee, if originally paid, and the student who withdraws from the University continues to be covered by the insurance until the close of the term. The remainder of the retained amount is allocated first to the service fee and then to tuition.

Medical Center

1. Deposit

FULL REFUND

- a. To students admitted to Dentistry and Medicine who request cancellation of admission by January 15 of the year of the applicant's registration in the University.
- b. To students admitted to Pharmacy who request cancellation of admission by September 1 of the year of the applicant's registration.
- c. To any student whose admission is cancelled by the University.

ONE-THIRD REFUND — \$20.00

- a. To students admitted to Dentistry and Medicine who request cancellation of admission by September 1 of the year in which they are to register.
2. A student subject to tuition and/or fees who withdraws from the University (all colleges) during any term receives refunds as follows:
 - a. During the first ten days in the quarter, refund is made of the full amount of the tuition and fees assessed except for a nonrefundable charge of \$20.00.¹ When the total assessment has been less than \$20.00, the full amount of the assessment, if any, is nonrefundable.
 - b. After the first ten days but within the first half of the quarter, one-half of the total amount of the tuition and fees assessed which remains after deduction of the above mentioned amount is refunded.
 - c. After the midpoint of the quarter, no refund is allowed.
3. A student who reduces his registration to a lower range receives a refund of the full amount of the difference in tuition and fees specified for such schedules provided the changes are made during the period designated for refund of full fees in case of withdrawal from the University. One-half the above difference is refunded if the changes are made during the period for one-half refund in case of withdrawal from the University. Thereafter, no rebate is allowed.
4. A person registered as a visitor who desires to withdraw receives a full refund of the visitor's fee, if originally charged, provided he makes personal request for a refund at the Office of Admissions and Records within the full rebate period in any term. Thereafter, no rebate is made.
5. Tuition and fees of a student dismissed from the University during any term are refunded on the same basis as indicated above for a student who withdraws with permission.
6. For University terms of different lengths of time, the full and half refund periods and the amount of the retained portions of the fees are determined proportionately in accordance with the above principles.

ASSEMBLY HALL REVENUE BONDS, SERIES OF 1962

(11) The University's enrollment has increased at a higher rate than the enrollment projections on which the original financing plans for the Assembly Hall were based and the income from student fees presently authorized will be sufficient to provide for repayment of additional bonds.

It is now planned to recommend additional expenditures for facilities and features, most of which were in the original planning but were deferred when final plans were submitted for bids and contracts were awarded. The architects and engineers now recommend that these and certain additional improvements be included, if possible, to add to the usefulness of the new multi-purpose structure and to improve opportunities for operating revenue.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a supplemental issue of \$600,000 of revenue bonds for financing additional construction in connection with the Assembly Hall.

A supporting memorandum describing these facilities and improvements in detail is submitted herewith, and a copy is being filed with the Secretary of the Board for record. Specific recommendations for each of these projects will be submitted to the Board of Trustees for approval at subsequent meetings.

¹ The nonrefundable charge includes the hospital-medical-surgical insurance fee, if originally paid, and the student who withdraws from the University continues to be covered by the insurance until the close of the term. The remainder of the retained amount is allocated to the service fee.

White, Weld, and Company, who handled the original bond sale, received consent from the present holders for the issuance of the additional bonds. Two of the original purchasers have agreed to purchase the supplemental issue at an effective interest rate of 3.90 per cent. This compares with a rate of 4.32 per cent on the original issue and is in line with changes in the market since 1959. The bonds will become due through the operation of the sinking fund after the original bonds have been retired.

I concur in the foregoing recommendation.

The Finance Committee has also been consulted and concurs in recommendations that the bonds be sold at an effective interest rate of 3.90 per cent, and that bonds totalling \$400,000 be sold to Allstate Insurance Company and \$200,000 to State Farm Mutual Automobile Insurance Company; that White, Weld, and Company be paid a fee of \$2.00 per \$1,000 for its services in connection with the sale; and that Chapman and Cutler be employed as counsel for the bond issue.

A formal resolution will be presented to the Board for adoption at a subsequent meeting.

On motion of Mr. Swain, the supplemental issue of revenue bonds was authorized, and the recommendations relating to the same were approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

HOUSING AND HOME FINANCE AGENCY LOAN FOR CONSTRUCTION OF ILLINOIS STREET RESIDENCE HALLS

(12) The Vice-President and Comptroller and the Director of the Physical Plant recommend authorization of:

An application to the Housing and Home Finance Agency for a loan of \$3,350,000 for construction of the Illinois Street Residence Halls;

An issue of revenue bonds to be sold publicly to finance the remainder of the construction cost;

Employment of Chapman and Cutler, Chicago, as counsel for the bond issue;

Advertisements for bids on the construction of the Halls and for the sale of bonds at times deemed most appropriate by the Vice-President and Comptroller.

I concur in these recommendations.

On motion of Mrs. Watkins, these recommendations were approved, and authority was given, as requested, this action being taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

HOUSING AND HOME FINANCE AGENCY LOAN FOR CONSTRUCTION OF CONGRESS CIRCLE UNION BUILDING

(13) The Vice-President and Comptroller and the Director of the Physical Plant recommend authorization of:

An application to the Housing and Home Finance Agency for a loan of \$5,000,000 for construction of the Congress Circle Union Building, this amount representing approximately one-half of the estimated cost;

An issue of \$5,000,000 of revenue bonds to be sold publicly to finance part of the construction cost, and to be amortized from student fee income;

Employment of Chapman and Cutler, Chicago, as counsel for the bond issue;

Advertisements for bids on the construction of the Union Building and for the sale of bonds at times deemed most appropriate by the Vice-President and Comptroller.

An assignment from the state capital appropriations from the Universities Building Fund will also be recommended for the construction of this building since

it will include certain physical education and recreation facilities which are a proper charge against state funds.

I concur in these recommendations.

On motion of Mr. Harewood, these recommendations were approved, and authority was given, as requested, this action being taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(14) The Committee on Nonrecurring Appropriations recommends the following appropriations and assignments of funds:

Physical Plant

Remodeling Agricultural Engineering Building.....	\$ 5 360
Remodeling quonset building for Civil Engineering (supplements appropriations of \$35,000 made in July, 1960, and June, 1961).....	17 200
Completion of Labor and Industrial Relations Building.....	24 700
Department of Forestry, Universal timber-testing machine.....	21 975
Institute of Labor and Industrial Relations, equipment in new building....	22 100
College of Liberal Arts and Sciences, remodeling and equipment for Language Laboratory	3 000
<i>Total, General Reserve</i>	<i>\$94 335</i>

Physical Plant

Repair cold storage rooms at Horticulture Field Laboratory.....	\$10 650
Remodeling 1203 West Nevada Street for School of Music.....	39 000
Remodeling Research and Educational Hospitals for Rehabilitation Center.....	16 370
<i>Total, State Capital Appropriations</i>	<i>\$66 020</i>

Library — for books

Total, Indirect Costs General..... *\$50 000*

I concur.

On motion of Mr. Johnston, these appropriations were made, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

APPROPRIATION AND ADDITION TO CONTRACT FOR HEALTH SERVICE ADDITION TO MCKINLEY HOSPITAL

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend (1) an increase of \$4,323.90 in the contract with Snyder Construction Company, Inc., Vincennes, Indiana, for the construction of the Health Service Addition to McKinley Hospital, for removal and replacement of linoleum in the first and second floor corridors of McKinley Hospital plus installation of tile stair treads between the two floors; the corridors will connect the Hospital with the new Health Service Building; and (2) an assignment of \$4,323.90 from the state capital appropriations to the University from the Universities Building Fund for this additional work.

I concur.

On motion of Mr. Pogue, the change in contract was authorized, and the requested assignment of funds was made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

CONTRACT FOR CONSTRUCTION OF PHYSICAL PLANT SERVICE BUILDING

(16) The Director of the Physical Plant and the Vice-President and Comptroller

recommend award of the following contracts for the construction of the Physical Plant Service Building, the award in each case being to the lowest bidder:

General — Kuhne-Simmons Company, Inc., Champaign.....	\$1 100 411
Base Bid	\$1 047 439
Additive Alternates	52 972
Electrical — Downtown Electric, Urbana.....	180 925
Base Bid	\$ 173 325
Additive Alternates	7 600
Ventilating — R. H. Bishop Company, Champaign.....	89 913
Sprinkler — Gamewell Company through its Rockwood Sprinkler Company Division, Western Springs.....	20 145
<i>Total Contracts</i>	<u>\$1 391 394</u>

It is further recommended that all contracts other than the general contract be assigned to the contractor for the general work, making the total of his contract price \$1,391,394.

It is further recommended that an assignment agreement be entered into with Kuhne-Simmons Company, Inc. for the assignment of these other contracts for \$15,000, this being the amount bid by that Company under Alternate 1-A for a service charge for supervision of other contracts assigned to the general contractor.

Funds are available in the state capital appropriations to the University from the Universities Building Fund, subject to release by the Governor.

Submitted herewith is a supporting memorandum from the Physical Plant Department, including a schedule of all bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

CONTRACT FOR ADDITION TO ABBOTT POWER PLANT

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$68,971 to General Electric Company, Chicago, the lowest bidder, for installation of switchgear and transformers (Division "9-C") in the Abbott Power Plant now under construction.

Funds are available in the state capital appropriations from the Universities Building Fund.

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

CONTRACTS FOR EQUIPMENT FOR ADDITION TO ABBOTT POWER PLANT

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of the following contracts for structural steel and coal bunker, and closed feed water heater for the addition to the Abbott Power Plant, the award in each case being to the lowest bidder:

Structural steel and coal bunker — Joseph T. Ryerson and Son, Inc., Chicago, estimated cost.....	\$38 610
Based on the following prices:	
Structural steel members.....	\$0.129 per pound
Coal bunker.....	0.160 per pound
Secondary structural members.....	0.185 per pound
Column anchor bolts.....	0.200 per pound

Closed feed water heater — Alco Products, Incorporated, Chicago..... 15 080

Total Contracts \$53 690

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

Funds are available in the state capital appropriations to the University from the Universities Building Fund.

I concur.

On motion of Mr. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

CONTRACT FOR INSULATION AND PIPE COVERING WORK IN PLANT SCIENCES BUILDING

(19) Contracts for the construction of the Plant Sciences Building, approved by the Board on December 19, 1961, did not include insulation and pipe covering since bids on this work had not been taken at that time. The Director of the Physical Plant and the Vice-President and Comptroller now recommend award of a contract for \$48,000 to the Chicago Pipe and Boiler Covering Company, Chicago, the lowest bidder, for insulation and pipe covering work in the Plant Sciences Building.

Funds are available in the state capital appropriations to the University from the Universities Building Fund.

The Board of Trustees action on December 19 provided that all contracts other than the general contract, and including the contract for insulation and pipe covering when it was let, be assigned to the contractor for the general work, W. E. O'Neil Construction Company, Chicago.

I concur.

On motion of Mr. Johnston, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

CONTRACT FOR LABORATORY EQUIPMENT FOR BURNSIDES RESEARCH LABORATORY

(20) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$70,466 to Browne-Morse Company, Chicago, the lowest bidder, for fixed laboratory equipment for the Burnsidess Research Laboratory.

Funds are available in the construction budget for this project.

I concur.

On motion of Mr. Swain, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

CONTRACTS FOR EXTENSIONS OF UTILITIES TO BURNSIDES RESEARCH LABORATORY AND PHYSICAL PLANT SERVICE BUILDING

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts for extension of utilities to the Burnsidess Research Laboratory and to the Physical Plant Service Building as follows, the award in each case being to the lowest bidder:

Burnsidess Research Laboratory

Electrical service lines — Leiter Electric Company, Peoria.....\$ 6 820

Piping system for steam service — Ideal Heating Company, Chicago.. 11 777

Burnsides Research Laboratory and Physical Plant Service Building
 Storm and sanitary sewers and water mains — George S. Walker
 Plumbing and Heating, Inc., Decatur..... 37 100
Total Contracts\$55 697

Funds are available in the state capital appropriations from the Universities Building Fund and in outside grants received for the construction of the Laboratory.

Submitted herewith are supporting reports from the Physical Plant Department, including schedules of bids received, copies of which are being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

CONTRACT FOR CAMPUS TREE PLANTING

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$26,725 to Irving L. Peterson, Landscape Architect, Champaign, the lowest bidder, for the first phase of the campus tree-planting program in accordance with the plan approved by the Board of Trustees on January 11, 1962, for gradual replacement of trees lost due to diseases.

This contract is for planting trees, as specified, in the following areas: on Stadium Drive from the Illinois Central Railroad east to First Street; planting of the South Mall from Lorado Taft Drive north to and including along the side of the University Auditorium; along the walk south of Smith Music Hall from that building east to the Child Development Laboratory; on Peabody Drive from First Street east to the Law Building; on Gregory Drive from Fourth Street to Sixth Street; and along the east side of Wright Street from Springfield Avenue to Armory Avenue.

Funds are available in the state capital appropriations to the University from the Universities Building Fund, subject to release by the Governor.

I concur.

On motion of Mr. Swain, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

CONTRACTS FOR LANDSCAPING OF GRADUATE STUDENT RESIDENCE HALLS AND ORCHARD DOWNS HOUSING AREAS

(23) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts for landscaping work as follows, the award in each case being to the lowest bidder:

For complete landscape work in the Graduate Student Residence Halls
 area — Henry Nurseries, Henry.....\$ 7 611 63
 For complete landscaping in the Orchard Downs housing area —
 Twin City Landscape Service, Inc., Urbana..... 33 617 48

Funds are available in the proceeds of revenue bonds issued to finance the construction of these buildings.

I concur.

On motion of Mrs. Watkins, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

CONTRACT FOR REMODELING IN RESEARCH AND EDUCATIONAL HOSPITALS

(24) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$38,391 to the Mueller Construction Com-

pany, Chicago, the lowest bidder, for remodeling the eighth floor, north wing, of the Research and Educational Hospitals.

The work will include rearrangement of partitions, installation of laboratory furniture, new floor covering, new ceilings, and the necessary mechanical and electrical services to change this area into laboratories and offices to be used by the Department of Medicine for research in infectious diseases. The remodeled quarters will provide facilities for training doctors for research in infectious diseases. The need for these facilities is related to a United States Department of Health, Education, and Welfare grant for training of doctors for academic and research careers.

Funds are available in United States Public Health Service Grant E-208.

I concur.

On motion of Mr. Swain, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

CONTRACT FOR SOIL TEST BORINGS AND SOIL ANALYSIS ON CONGRESS CIRCLE CAMPUS

(25) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a contract with Soil Testing Services, Inc., Chicago, for soil test borings and soil analysis in the areas of the Congress Circle Campus on which buildings will be constructed.

This work, including analysis of soil and ground water conditions, is fundamental to structural design of the buildings. Fifty-five borings will be required, of which eight will go to bedrock. A firm quotation on the total cost of the work is not feasible since soil conditions to be encountered cannot be anticipated. Accordingly, it is proposed that the agreement with Soil Testing Services, Inc. be upon the following unit costs:

Advancing the bore hole and split spoon sampling:

Under 60 blows.....	\$ 3.00 per foot
Sixty blows and over.....	5.00 per foot
Shelby tube sampling 2 in. diameter.....	3.00 per foot
Rock coring .....	.....
Unconfined compression test.....	4.00 per test
Calibrated penetrometer tests.....	1.00 per test
Atterberg limits	7.50 per test
Triaxial tests	75.00 per test
	(3 circles)

In addition to the above, the proposal provides for the following charges:

Moving personnel and equipment on and off the site,	
preparation of logs, drawings.....	\$ 25 00
Engineering report, including the following.....	3 000 00
Description of boring procedures on laboratory tests.	
Description of soil and ground water conditions.	
Analysis and recommendations of the type of foundation to be used, allowable bearing values, basement excavation methods and bracing, method of relieving hydrostatic pressure, and special conditions which may affect the design and construction of the structure.	

Soil Testing Services, Inc. is recommended because it has a large experienced staff on soil testing analysis and is equipped to do the entire program promptly. It has had experience in soil analysis work on high-rise buildings, having done such work on a number of major projects in Chicago.

It is anticipated that the total cost of the work for the fifteen buildings to be constructed will be approximately \$30,000.

Funds are available in the state capital appropriations from the Universities Building Fund.

Submitted herewith is a supporting memorandum from the Physical Plant Department on this project, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

**CONTRACT FOR ENGINEERING SERVICES ON STORM
AND SANITARY SEWERS AND WATER MAINS**

(26) The Director of the Physical Plant and the Vice-President and Comptroller recommend employment of Wilson and Anderson, Consulting Engineers, Champaign, for the engineering services to design the construction of, and to write the specifications for, sanitary and storm sewers and water mains to service the new buildings for the College of Commerce and Business Administration and the College of Education, and the Illinois Street Residence Halls.

Payments for these services will be on the basis of Schedule A of Minimum Fees of the Illinois Society of Professional Engineers, exclusive of the services of a resident engineer for field inspection:

<i>Cost of Construction</i>	<i>Basic Fee</i>
First \$ 50 000	12.00 per cent
Next 100 000	9.00 per cent
Next 150 000	7.50 per cent
Next 200 000	6.50 per cent
Next 500 000	6.00 per cent
Next 1 000 000	5.50 per cent
All over 2 000 000	5.00 per cent

The total estimated cost will be approximately \$10,000 for the engineering services on storm and sanitary sewers and water mains for the Commerce and Education Buildings and \$10,000 for the engineering services on the same utilities for the residence halls.

Funds are available in the state capital appropriations from the Universities Building Fund.

Submitted herewith are supporting memoranda from the Physical Plant Department, copies of which are being filed with the Secretary of the Board for record. The Committee on Buildings and Grounds has been consulted and supports the recommendation.

I concur.

On motion of Mr. Johnston, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

**CONTRACT FOR ENGINEERING SERVICES FOR CORRECTION
OF ELECTRICAL DEFICIENCIES AT URBANA-CHAMPAIGN**

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend employment of the firm of Carroll-Henneman and Associates, Consulting Engineers, Urbana, for engineering services in designing and writing specifications for correction of electrical deficiencies, including transformer vault improvements in thirteen buildings on the Urbana-Champaign campus. The total construction and installation cost of correction of electrical deficiencies in these buildings is estimated to be \$245,000. The firm recommended will do the work on the basis of Schedule B of Minimum Fees Adopted by the Illinois Society of Professional Engineers, which, exclusive of the services of a resident engineer for field inspection, is:

<i>Cost of Construction</i>	<i>Basic Fee</i>
First \$ 20 000	10.00 per cent
Next 30 000	9.00 per cent
Next 50 000	7.00 per cent
Next 200 000	6.00 per cent
Next 200 000	5.50 per cent
Next 500 000	5.00 per cent
Next 1 000 000	4.75 per cent
All over 2 000 000	4.50 per cent

Based on estimates of construction costs, the total estimated cost of the engineering services, exclusive of those of a resident engineer and/or inspectors for supervision of the work, is approximately \$20,000. The Physical Plant Department will provide the supervision from its own personnel.

Funds are available in the state capital appropriations from the Universities Building Fund.

Submitted herewith is a supporting memorandum from the Physical Plant Department, a copy of which is being filed with the Secretary of the Board for record. The Committee on Buildings and Grounds has been consulted and supports the recommendation.

I concur.

On motion of Mr. Swain, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

IMPROVEMENT OF FOURTH STREET IN CHAMPAIGN

(28) The city of Champaign is planning to widen and resurface South Fourth Street from its present width to forty-four feet from curb to curb from Springfield Avenue south to Armory Avenue; with the University's participation, the City will extend the improvement south to Florida Avenue.

The University owns one-half the street frontage in the block between Armory Avenue and Gregory Drive, and all the frontage from Gregory Drive south to Florida Avenue, except for the Roselawn Cemetery frontage of about 625 feet north of Florida Avenue and on the east side of Fourth Street. The improvement from Armory south to Florida Avenue would include widening and resurfacing the street from the present width of approximately thirty-five feet to forty-four feet between curbs, a mercury vapor lighting system, a new eight-foot wide sidewalk on both sides of the street between Armory Avenue and Gregory Drive, traffic signals at the intersection of Gregory Drive, drainage and incidental construction related to these improvements.

The City has requested the University to share in the estimated cost of the improvement on the following basis:

For that portion of the project from the center line of Armory Avenue to the south property line of Gregory Drive including the traffic signals at the latter intersection on the ratio of University property frontage to the total property frontage, or 50 per cent of said portion of the subject cost.....	\$ 22 135 18
For that portion of the project from the south property line of Gregory Drive to the north curb line of Florida Avenue.....	95 100 92
100 per cent of cost for University-owned property frontage	\$87 200 92
50 per cent of cost for Roselawn Cemetery frontage	7 900 00
<i>Total</i>	<i>\$117 236 10</i>

The Roselawn Cemetery is not within the Champaign city limits and can not be assessed for this improvement. The Roselawn Cemetery Association has advised it has no funds to participate on a voluntary basis. The proposal here submitted provides that the University and the City will share equally in the cost of the improvement along this frontage, estimated at approximately \$15,800, or approximately \$7,900 to be paid by each party. The University's share of the cost will be based on the actual cost of construction, plus engineering, legal, and miscellaneous expenses where applicable, and will be due and payable in one lump sum within thirty days after completion of the project.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund.

I recommend that the Comptroller and the Secretary of the Board be authorized to execute an agreement with the city of Champaign for the University's participation in this improvement on the basis of the above estimates and that funds be assigned for this purpose.

On motion of Mr. Swain, this recommendation was approved, and

authority was given as requested, this action being taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

IMPROVEMENTS OF PUBLIC AND UNIVERSITY ROADS ON URBANA-CHAMPAIGN CAMPUS

(29) The Board of Trustees has authorized employment of Clark, Daily, and Dietz, Consulting Engineers, Urbana, to provide complete engineering services in designing the following described improvements of University roads and public streets on the Urbana-Champaign campus, these improvements being scheduled for the summer of 1962.

First Street

Concrete pavement, forty-five feet wide, back to back of curb, extending from Florida Avenue south to a point approximately 650 feet south of St. Mary's Road, including necessary drainage.

Concrete sidewalk, eight feet wide, five inches thick, on east side of First Street from Florida Avenue to St. Mary's Road, to include provision for future widening to a twelve foot walk if found necessary.

Concrete sidewalk, eight feet wide, five inches thick, on south side of Florida Avenue from Fourth Street to First Street and on north side of Florida Avenue from First Street to the Illinois Central Railroad underpass, to include provision for future widening to 12 feet if found necessary.

Street lighting from Florida Avenue to and including St. Mary's Road.

Traffic signals at intersection of Florida Avenue and First Street.

Fourth Street

Concrete pavement, forty-five feet wide, back to back of curb, extending from Florida Avenue south to St. Mary's Road, including necessary drainage.

Concrete sidewalk, eight feet wide, five inches thick, on west side of Fourth Street from Florida Avenue to St. Mary's Road, to include provision for future widening to twelve feet if found necessary.

Concrete sidewalk, eight feet wide, five inches thick, on west side of Fourth Street from Florida Avenue to Peabody Drive, to include provision for future widening to twelve feet if found necessary.

Street lighting from Florida Avenue to and including intersection at St. Mary's Road.

Traffic signals at intersection of Fourth Street and Florida Avenue.

St. Mary's Road

Concrete pavement, forty-five feet wide, back to back of curb, extending from the Illinois Central underpass east to and including the intersection of Fourth Street, including necessary drainage.

Sixth Street

Bituminous concrete surface on concrete sub-base pavement with concrete curb and gutters, forty-five feet wide, back to back of curb, extending from Gregory Drive to Pennsylvania Avenue.

Concrete sidewalk, eight feet wide, five inches thick, on west side of Sixth Street from Gregory Drive to Peabody Drive and on east side of Sixth Street from Peabody Drive to Pennsylvania Avenue.

Street lighting from Gregory Drive to and including the intersection of Pennsylvania Avenue.

Street lighting from Armory Avenue to Gregory Drive.

First Street and Fourth Street from Florida Avenue to a point approximately 264 feet north of the center line of St. Mary's Road are within the corporate limits of the city of Champaign and the proposed improvements will require its approval.

Fourth Street south of the corporate limits of the city of Champaign, referred to above, and St. Mary's Road from First to Fourth Street are in Urbana Township. A portion of First Street south of said corporate limits is in Urbana Township and the balance in Champaign Township. St. Mary's Road from First Street west to the Illinois Central right-of-way is in Champaign Township. Therefore, the improvements proposed will require the approval of both Urbana and Champaign Townships.

This improvement program has been reviewed with the Champaign City Manager and City Council, who have reported that it meets with their approval and that the City Attorney has been designated to work with the University in developing a mutually satisfactory agreement. The program has also been reviewed with the highway commissioners and supervisors of both Urbana and Champaign Townships, who have indicated that the improvements are highly desirable and have suggested that the Townships will be willing to dedicate any interest they may have in rights-of-way of streets and roads to the University, subject to review and approval by their legal advisers.

Funds are available in the University's state capital appropriations from the Universities Building Fund, subject to release by the Governor.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize its Comptroller and Secretary to execute agreements with the city of Champaign and with Urbana and Champaign Townships for the improvements outlined. Construction contracts and assignments of funds for the same will, of course, be subject to approval by the Board of Trustees.

I concur.

On motion of Mr. Johnston, this recommendation was approved, and authority was given as requested.

IMPROVEMENTS AT HOTT MEMORIAL CENTER

(30) Mr. and Mrs. Maxwell R. Hott have given the University their home in Monticello, the gift being designated as the Hott Memorial Center for Continuing Education. The property is being given to the University over a period of years. The University now has an undivided one-fourth interest in the title and Mr. and Mrs. Hott have leased their remaining interest in the property to the University of Illinois Foundation for twenty years. They plan to give additional fractional interests to the University until the complete title is transferred.

To make the residence more useful as an extension center will require remodeling and additions in order to increase the number of guest rooms required for such use. The estimated cost of the improvements, which would include air conditioning the entire first floor, is \$137,500. The First National Bank of Chicago has agreed to loan this amount to the Foundation at one-half the prime interest rate, plus one-fourth per cent (presently a total of two and one-half per cent), with retirement of the principal at the rate of \$12,000 per year. Should the Bank incur tax liability on the income from the loan, the Foundation will pay the prime interest rate plus one-fourth per cent.

The Dean of the Division of University Extension and the Vice-President and Comptroller recommend that the Foundation be requested to make these improvements to be financed by the Bank loan. To assist in accomplishing this, they recommend that the University transfer title to its interest to the Foundation and that the University lease the property from the Foundation until June 30, 1963, at a rental sufficient to cover interest and principal payments on the loan, with option in the lease for renewal for successive biennial periods. During the early years of the operation of the Hott Memorial Center for Continuing Education, income may not be adequate to pay the debt service and funds will be included in the operating budget of the Division of University Extension to cover the difference; however, in a few years the Center should be completely self-supporting.

I concur and recommend adoption of the necessary resolution to implement this transaction.

On motion of Mr. Swain, this recommendation was approved.

Resolution

Be It, and It Is Hereby, Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized for and in the name of, and on behalf of, this public corporation (1) to sign, execute, and deliver an agreement with and to University of Illinois Foundation, a not for profit corporation of the State of Illinois, hereinafter referred to as "Foundation," which agreement shall provide that this

public corporation will convey its interest in certain hereinafter described property in Monticello, Illinois, to Foundation; that Foundation will borrow money for the purpose of making improvements to Hott Memorial Center located on said property, and will contract for and make said improvements, in accordance with plans and specifications approved by the Director of the Physical Plant Department of this public corporation; that Foundation will lease said premises, including the building and improvements, to this public corporation at a rental sufficient to pay Foundation's indebtedness incurred in connection with said remodeling; and that Foundation will upon completion of the repayment of said indebtedness from said rentals reconvey said property, including all improvements, to this public corporation; (2) to sign, execute, acknowledge, and deliver to Foundation a good and sufficient warranty deed conveying to Foundation in accordance with the terms of the hereinbefore mentioned agreement this corporation's interest in the property previously referred to, which is legally described as:

An undivided one-fourth ($\frac{1}{4}$) interest in Block Ten (10) of Rhoades' First Addition to the Town, now City of Monticello, situated in the County of Piatt in the State of Illinois;

(3) to sign, execute, and deliver a lease with and from Foundation of said premises, including said improvements, and including Foundation's leasehold interest in and to the other three-fourths undivided interest in said premises, under which lease this public corporation will agree to pay a rental sufficient to meet all payments required of Foundation on its indebtedness incurred in connection with the remodeling and improvement of said property, said lease to run from the date of the closing of Foundation's loan for the purpose of making said improvements and remodeling to June 30 of the first subsequent odd-numbered year, with the right in this public corporation to renew said lease for successive two-year periods from July 1 of each odd-numbered year to June 30 of the next succeeding odd-numbered year by giving written notice to Foundation between the 1st and 15th of July in each year when such renewal is to be made, until said lease is finally terminated by the payment and liquidation of the above mentioned indebtedness; (4) to commit this public corporation to act as agent for Foundation in the carrying out of said remodeling and in the administration and service of such indebtedness and the payments and disbursements from and of funds made available by the creditor of Foundation for the purpose of said remodeling; (5) to accept reconveyance of said property, including all improvements thereon, from Foundation when Foundation's indebtedness has been retired as provided above; and (6) to sign, execute, acknowledge, and deliver any and all other documents and instruments deemed necessary or desirable by said Comptroller and said Secretary to accomplish the purposes herein set forth.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

BEQUEST OF CHARLES P. HOWARD

(31) The will of the late Dr. Charles P. Howard of Champaign, who died July 21, 1943, set up a trust with the First National Bank of Chicago for the benefit of his brother, Hartwell C. Howard of Champaign, who received the income from the trust during his lifetime. The will and the trust provide that upon the death of Hartwell C. Howard, one-half of the trust estate shall be paid to the Young Men's Christian Association of Champaign and one-half to the Board of Trustees of the University of Illinois to establish the Dr. Hartwell C. Howard Memorial Fund in memory of the testator's father. The University's share is approximately \$194,000. This shall be an endowment fund, the income therefrom to be used to aid premedical and pre dental students at the University of Illinois in any way that the Board of Trustees deems proper. In the event the purposes of this trust become obsolete or undesirable, the Board of Trustees may use the income for any purpose it sees fit. The Board is not limited by any statute or law regarding investments of this fund.

Mr. Hartwell C. Howard died January 2, 1962.

The First National Bank of Chicago has submitted to the University and to the Young Men's Christian Association of Champaign a proposed distribution of the trust assets which would divide the common stocks and bonds equally, except for the sale of one block of bonds and a distribution of cash to make the total distribution equal between the two beneficiaries.

The proposed plan of distribution has been approved by the Finance Committee and it has also approved the merging of these assets with the general endowment pool of the University held by the First National Bank of Chicago. The Bank has recommended the sale of certain of the stocks and bonds and reinvestments of the other securities. The Finance Committee has approved these changes.

The Bank has requested adoption of a resolution by the Board of Trustees accepting this request under the conditions cited with the usual agreements to protect the trustee against loss. Submitted herewith is a resolution prepared by the University's Legal Counsel and approved by the Bank.

Resolution

Be It, and It Is Hereby, Resolved by the Board of Trustees of the University of Illinois that the bequest in favor of this public corporation contained in the Will of Dr. Charles P. Howard, who died on July 21, 1943, of a remainder interest in the trust created of his residuary estate, be, and the same is hereby, accepted by said public corporation for the uses and purposes set forth in said Will and said bequest; and

Be It, and It Is Hereby, Further Resolved that the Vice-President and Comptroller of this public corporation be, and he is hereby, authorized to accept payment and delivery of said bequest on behalf of this public corporation, and to execute and deliver to the First National Bank of Chicago, as survivor Trustee of the testamentary trust created by the Last Will and Testament of said Charles P. Howard, deceased, the receipt of this public corporation in satisfaction thereof.

On motion of Mr. Clement, the foregoing resolution was adopted.

PROCUREMENT OF LARGE-SCALE COMPUTING SYSTEM FOR ALL-UNIVERSITY USE

(32) The Executive Vice-President and Provost and the Vice-President and Comptroller recommend the acquisition from the International Business Machines Corporation on a rental basis, with an option to purchase, of an IBM 7090-1401 high-speed computer system, on the following terms which represent 40 per cent of commercial rates:

Annual rental including maintenance for the 7090-1401 system plus peripheral gear for ILLIAC II: \$350,016.

Rental of the 7090-1401 system with option to buy plus peripheral gear for ILLIAC II: rental price of \$350,016, of which 62 per cent is applicable to the purchase price; option to buy, \$12,580.18, all of it applicable to the purchase price of \$1,363,104 (the commercial price would be \$3,407,700).

The term "peripheral gear for ILLIAC II" refers to input-output equipment needed for the new computer now under construction in the Digital Computer Laboratory. For use with this computer, the International Business Machines Corporation would lend to the laboratory, without additional charge, equipment worth \$529,488 at the educational discount price (commercial price \$1,323,720). In return, the University agrees: (a) to use the equipment for its educational and research purposes only, and solely in connection with ILLIAC II; (b) to provide "a non-exclusive royalty-free license to IBM relative to developments resulting from the University's work in adaptation of the input-output units to ILLIAC."

No state tax funds would be used either for the rental or for the ultimate purchase of this equipment. Contract research funds are available for the annual rental, and the purchase option will be exercised if sufficient funds from outside sources can be provided by the delivery date.

The bid proposal was dated January 16, 1962, and was submitted to the firms listed below, and was also advertised publicly in the official state newspaper in accordance with the Illinois Purchasing Act.

International Business Machines Corporation, Springfield
Control Data Corporation, Minneapolis, Minnesota

Burroughs Corporation, Detroit, Michigan
 Remington Rand Univac, Detroit, Michigan
 Bendix Aviation — Computer Division, Chicago
 RCA — Electronic Data Processing Division, Chicago

The only bid received was from the International Business Machines Corporation.

A supporting statement by the Executive Vice-President and Provost reviews the development of high-speed computer programs at the University of Illinois, discusses the need for a large-scale system to replace present equipment, and explains the procedure followed in securing quotations. The statement is submitted herewith, and a copy is filed with the Secretary of the Board for record. The conditions of this transaction as stated above and as set forth in greater detail in the supporting statement will be incorporated in the contract with the International Business Machines Corporation.

I recommend that the Board authorize a contract with International Business Machines Corporation for the acquisition of this equipment on the terms stated in these documents.

On motion of Mr. Pogue, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

PURCHASES

Purchases Authorized

(33) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase in each case was recommended on the basis of the lowest acceptable bid.

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Ten automatic teaching machines	College of Education	Educational Service Division, U.S. Industries, Inc., Goleta, Calif.	\$12 500 00 f.o.b. Goleta, Calif.
One lot laboratory equipment and supplies	International Cooperation Administration Contracts	Fisher Scientific Company, New York, N.Y.	22 742 85 f.a.s. New York, N.Y.

On motion of Mr. Clement, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Two closed-circuit television systems for instructional programs	College of Dentistry	Dage Division of Thompson Ramo Wooldridge, Inc., Michigan City, Ind.	\$32 233 50 delivered
One automatic laboratory analyzer	Physiology, College of Medicine	Technicon Instruments Corp., Chauncey, N.Y.	8 263 78 delivered
One nuclear magnetic resonance spectrometer	Chemistry, College of Pharmacy	Varian Associates, Palo Alto, Calif.	24 250 00 delivered
One spectrophotofluorometer and accessories	Pharmacology, College of Pharmacy	American Instrument Co., Silver Spring, Md.	6 649 50 f.o.b. Chicago
20,000 chloramphenicol capsules, 250 mg.	Pharmacy	Parke-Davis & Co., Skokie	5 100 00 delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
20,000 capsules, Tetracycline V, 250 mg.	Pharmacy	E. R. Squibb & Son, Franklin Park	\$ 3 194 00 delivered
One lot of surgical instruments consisting of 48 dissecting scissors, 48 needle holders, 1,160 assorted forceps, and six clamps	Research and Educational Hospitals	V. Mueller & Co., Chicago Mills Hospital Supply Co., Chicago	2 582 40 1 977 00 (4 559 40) delivered

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
43.4 tons diammonium phosphate fertilizer and 27.4 tons superphosphate fertilizer for Allerton Trust Farms	Agricultural Economics	Tennessee Valley Authority, Knoxville, Tenn.	\$ 4 854 50 f.o.b. Sheffield, Ala.
Twelve view cameras, 4 x 5 with bellows, lensboard, and case; five recessed lensboards; twelve lenses 135 mm. and five lenses 90 mm. mounted in shutters; two film washers; and mounting of twelve lenses in lensboards	Art	Calumet Manufacturing Co., Chicago	2 595 10 f.o.b. delivered
One microscope, wide field, research, with four planapochromat objectives and one apochromatic oil immersion objective, one fluorescence lamp housing with alternate illumination device, and one attachment camera with accessories	Botany	W. H. Kessel & Co., Chicago	4 155 24 f.o.b. delivered
One microscope, high temperature furnace, vacuum heated, with accessories for observation of thermal transition phenomena in metals and investigation of nonmetallic ceramic materials, complete with camera and exposure meter for photomicrography	Ceramic Engineering	Frank E. Fryer Co., Carpentersville	5 303 80 f.o.b. Caldwell, N.J.
One model FPC-5 Flexowriter for five-channel tape and with a 32-character keyboard; this machine is to be used as data preparatory and interpretive equipment for Illiac Computer	Chemistry and Chemical Engineering	Friden, Inc., Peoria	2 780 00 f.o.b. delivered
One microwave signal source power unit, square wave, 10-10,000 pps; power output 14-400 mw; and three plug-in tuning units for ranges 2140 mc. to 11,000 mc.	Chemistry and Chemical Engineering	Polarad Electronics Corp., c/o Loren F. Green & Associates, Chicago	3 808 29 f.o.b. delivered
One toroid winder with two-wire slider shuttles, automatic sector and bank winding, electronic predetermined counter, toroids from .055" I.D. to 2" O.D., speeds from 0-1200 turns per minute	Coordinated Science Laboratory	Gorman Machine Corp., c/o H. G. Pretat, Chicago	2 655 00 f.o.b. delivered
Twelve special power supply modules with heat sink Twelve modified heat sink assemblies Eight negative and eight positive amplifier cards Four over-under cards and six etched wiring card extenders	Digital Computer Laboratory	NJE Corp., c/o Ridgway Associates, Inc., Chicago	21 299 00 f.o.b. delivered
One oscilloscope, 0.35 nanoseconds rise-time, two input channels, sixteen calibrated sweeps 1 nanosecond/cm to 100 microseconds/cm	Digital Computer Laboratory	Tektronix, Inc., Park Ridge	3 630 00 f.o.b. destination, plus transportation from Beaverton, Ore.
Two electric desk calculators with chain multiplication (AxBxC) (a) Two electric desk calculators with single entry squaring (b)	College of Education	Marchant — Division of Smith-Corona Marchant, Inc., Champaign	3 860 00 f.o.b. delivered
One field modulation and control unit, 100 KC, including connecting cable to spectrometer control console One multi-purpose EPR cavity including sweep cable for 100 KC modulation One waveguide bend twelve-inch rotating electro-magnet One liquid nitrogen dewar insert with six sample tubes for EPR cavity	Electrical Engineering	Varian Associates, Palo Alto, Calif.	4 705 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Modifications to ionosonde equipment to raise the accuracy from five parts in 10^6 to five parts in 10^8 , that is, by 100 times	Electrical Engineering	Granger Associates, Palo Alto, Calif.	\$10 050 00 f.o.b. Palo Alto, Calif.
One chromatogram scanner, 4 Pi, completely transistorized, in one piece unit, capable of reducing background noise to less than 10 cpm. for scanning low-energy Beta-emitting radio-isotopes	Entomology	Vanguard Instrument Co., La Grange	2 600 00 f.o.b. delivered
One glassware washer with spindle action for cleaning radioactive contaminated laboratory glassware, complete with accessories	Microbiology	Better Built Machinery Corp., New York, N.Y.	3 865 00 f.o.b. delivered
One spectrophotometer with dual light source, photomultiplier tube, monochromator, and power supply	Physiology	A. S. Aloe of Illinois, St. Louis, Mo.	3 300 00 f.o.b. delivered
One oscilloscope complete with scope-mobile and accessories; 7 nsec. rise-time, 10 nsec./cm to 20 usec/cm sweep range, 24 KV accelerating potential, 1100 cm/usec waiting rate to provide high reading rate, sensitivity and high gain band width	Physics	Tektronix, Inc., Park Ridge	3 500 00 f.o.b. destination, plus transportation charges
One special purpose x-ray generator consisting of a constant potential generator plus associated connections and FA-100 x-ray tube, capable of supplying 100 KV at 25 ma or 50 KV at 30 ma to the x-ray tube	Physics	Philips Electronic Instruments, Chicago	7 215 00 f.o.b. delivered
One microscope, research with stand, universal, with rotatable analyzer	Veterinary Medicine	W. H. Kessel & Co., Chicago	2 942 25 f.o.b. delivered and installed
Two planapochromatic and one neofluor objectives with accessories			
Five laboratory and research microscopes with five achromatic objectives, one apochromatic oil immersion objective and accessories	Zoology	W.H. Kessel & Co., Chicago	5 514 51 f.o.b. delivered and installed
1,064 study lamps and shades for use in the new Pennsylvania Avenue Residence Hall (SW-2)	Housing Division	Excel Manufacturing Corp., Muncie, Ind.	8 033 20 f.o.b. delivered
Two cash registers, itemizing, continuing eight classification keys, four clerk keys; keyboard capacity of 9,999.99 — total capacity of 99,999.99, "Read Key" to permit taking of cumulative readings of each classification, resetting mechanism to be separate keys for each classification; automatic change dispensers and automatic ejection of change from 25¢, 50¢, and \$1.00	Illini Union	The National Cash Register Co., Danville	5 794 20 f.o.b. delivered
Lounge and seminar room furniture for the Labor and Industrial Relations Building	Institute of Labor and Industrial Relations	Gilbert A. Force Co., Chicago	5 411 35 f.o.b. delivered
Furnish and install wood library shelving and furniture for the Labor and Industrial Relations Building library	Library	James K. Martin, Berwyn — Group I The Milwaukee Chair Co., Milwaukee, Wis. — Group II Blackwell Wielandy Co., St. Louis, Mo. — Group III	1 285 37 873 55 2 242 95 (4 401 87) delivered and installed
Furnish and install steel book shelving in the Labor and Industrial Relations Building library as follows: Six ranges, double face, 12 ft. long x 7½ ft. high x 8 in. deep One range, single face, 9 ft. long x 7½ ft. high x 10 in. deep One range, double face, 12 ft. long x 7½ ft. high x 12 in. deep One range, single face, 32½ ft. long x 6 ft. 10 in. high x 12 in. deep 220 book supports, standard size; 75 book supports, folio size	Library	C. S. Brown & Co., Wauwatosa, Wis.	2 791 00 f.o.b. delivered and installed

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Reprint and bind 1,500 copies of <i>National Party Platforms, 1840-1960</i> , by Kirk Porter and Donald B. Johnson, 656 pages per copy, trim size 7 $\frac{1}{4}$ in. x 10 in.	University Press	Braun-Brumfield, Inc., Ann Arbor, Mich.	\$ 3 861 00 f.o.b. delivered
One transfer printer for automatic addressing	University Press, Mailing Center	Addressograph-Multi- graph Corp., Central Electronics Division, Chicago	5 300 00 f.o.b. Cleveland, Ohio
One friction feed unit with conveyor stacker			
One shuttle feed unit for addressing magazines			
Two typewriters, automatic, equipped with eight-channel tape punch and reader units and stands	Purchasing	Friden, Inc., Peoria Heights	13 032 00 f.o.b. delivered and installed
Three auxiliary tape readers			
Three auxiliary tape punches			
Three tape winders			
One extended card guide			
1,670,000 envelopes, brown kraft, assorted sizes and types	Office Supply Store	Moser Paper Co., Chicago	9 810 20 f.o.b. delivered
100,428 reams No. 4 sulphite mimeograph bond paper of various sizes and weights for use by both Urbana and Chicago (this is approximately a twelve months' supply with deliveries scheduled in March and July, 1962)	Office Supply Stores, Urbana and Chicago	Hollis & Duncan Co., Chicago	61 673 89 f.o.b. delivered
47 trees, <i>Platanus Acerifolia</i> (London plane), 4 in. to 4 $\frac{1}{2}$ in. in diameter for Green Street landscaping	Physical Plant	Cultra Nursery Co., Onarga	3 877 50 f.o.b. delivered
Two box panels, 9 $\frac{1}{2}$ in. wide, two circuits each, 72 volts, including power supply	Physical Plant	The Gamewell Co., Indianapolis, Ind.	3 051 50 f.o.b. delivered
One cabinet section including fluorescent light			
These items are to become a part of the existing Gamewell Central Station fire alarm equipment			
36 tons fertilizer mixture, organic and inorganic, analysis 15-5-5	Physical Plant	Turner Seed & Supply, Villa Grove	4 340 88 f.o.b. delivered
1,000 forged steel drive links for stokers in Abbott Power Plant	Physical Plant	The Babcock & Wilcox Co., Chicago	3 250 00 f.o.b. Barberton, Ohio
Comprehensive aviation liability insurance at limits of \$50,000/250,000 bodily injury and \$50,000 property damage in favor of the Board of Trustees of the University of Illinois for a term of five years on a monthly reporting basis computed on flying hours at the rate of \$.099 per flying hour subject to the following Retrospective Rating Plan based upon loss experience: maximum rate if loss exceeds 90 per cent of premium — \$.1188; or, a minimum rate of \$.0792 if losses do not exceed 10 per cent of premium; deposit premium of \$500 required	Institute of Aviation	Burris & Percifield, Inc., Danville, representing the Ohio Casualty Insurance Co.	1 600 00 estimated annual premium
One Number R985-AN14 Pratt & Whitney aircraft engine for emergency replacement in Twin-Beech Aircraft No. N8058H; less trade-in allowance for old aircraft engine	Institute of Aviation	Remmert-Warner, Inc., St. Louis, Mo.	2 835 00 f.o.b. St. Louis, Mo.
110 stainless steel cat cages, 60 stainless steel mouse cages, one stainless steel monkey cage assembly, with galvanized frames for all cages	Electrical Engineering	Holmes Bros., Inc., Danville	12 347 00 f.o.b. delivered

On motion of Mr. Clement, these purchases were authorized.

**ADDITIONS TO CONTRACTS FOR CONSTRUCTION OF ILLINI UNION
ADDITION, STUDENT SERVICES BUILDING, ASSEMBLY HALL,
AND LABOR AND INDUSTRIAL RELATIONS BUILDING**

(34) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of the following changes in construction contracts:

Illini Union Addition: An increase in the contract with Felmley-Dickerson Company of.....\$28 065 03

To furnish the necessary material and labor to revise the steam distribution system serving cafeteria cooking equipment. These changes result from recommendations of the University's Safety Coordinator, the Superintendent of Utilities, and the operating staff of the Illini Union.

- Student Services Building: An increase in the contract with Cunningham Electric Company, Anna, Illinois of..... 6 352 11
 For electrical work to add a buzzer light system for the second floor. This installation was in the original planning but was excluded from the electrical contract when it was awarded because of the uncertainty of adequate funds being available. Since sufficient funds are now available, the installation is being reinstated.
- Assembly Hall: An increase in the contract with Felmley-Dickerson Company of 39 853 80
 For air conditioning of three areas of the Assembly Hall, one of which will include the reception, lounge, dining, kitchen, and office spaces; another the dressing rooms and backstage operational quarters, and the third, the television studio. These installations were included in the original plans and specifications but were deferred to keep the total contract commitments within the available funds. The additional financing proposed will provide the necessary funds for this improvement.
- Labor and Industrial Relations Building: Increases in the contract with English Brothers Company of..... 12 665 88
 To reinstate items which were omitted when the contract was let because of the uncertainty that sufficient funds would be available, including painting of concrete ceilings and masonry walls, installation of resilient flooring and rubber base in twenty-eight rooms, and installation of venetian blinds for north and south walls and in three rooms.

I concur.

On motion of Mrs. Watkins, these changes in contracts were authorized, as recommended.

ADDITION TO CONTRACT FOR ARCHITECTURAL SERVICES ON UNION BUILDING AT CONGRESS CIRCLE

(35) The Director of the Physical Plant and the Vice-President and Comptroller request approval of a change in the contract with C. F. Murphy Associates (formerly Naess and Murphy) for architectural services for the Union Building at Congress Circle to include authorization to employ the firm of Fred Schmid Associates, Chicago, as consultants on food service facilities to be included in this building. It is estimated the cost of such services will not exceed \$12,500.

I concur.

On motion of Mr. Johnston, this change in the contract was authorized.

EASEMENTS TO ILLINOIS BELL TELEPHONE COMPANY

(36) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Illinois Bell Telephone Company be granted permission to lay telephone cables across the north ten feet of the University's parking lot at 1008 South Fifth Street, Champaign, between the north curb of the parking lot and the north property line; and on University property on the south side of Nevada Street between Mathews and Goodwin Avenues, Urbana.

I concur and recommend adoption of the following resolutions:

Resolution

Be It, and It Hereby Is Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this Board of Trustees be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to

grant to Illinois Bell Telephone Company, an Illinois corporation, hereinafter referred to as "Grantee," its successors and assigns, the right and easement to lay, operate, and maintain a communication cable for the transmission of telephonic signals under and through the land hereinafter described and the right of ingress to and egress therefrom. Grantee shall agree to repair any damage to property of this Corporation by the laying, construction, reconstruction, operation maintenance, renewal, or removal of said cable, and Grantee shall further agree to relocate said cable at its expense if and when said cable would interfere with any construction undertaken by this Corporation during the term of the right-of-way easement to be hereunder granted. The right-of-way easement shall terminate ninety (90) days after Grantee ceases to use said transmission line for rendition of service. The right-of-way easement shall be over the following-described property:

The North ten (10) feet of lot 1 in Ben Baer's Addition to the City of Champaign, situated in the City of Champaign, County of Champaign, and State of Illinois.

On motion of Mr. Swain, this resolution was adopted, without dissent.

Resolution

Be It, and It Hereby Is Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this Board of Trustees be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to Illinois Bell Telephone Company, an Illinois corporation, hereinafter referred to as "Grantee," its successors and assigns, the right and easement to lay, operate, and maintain a communications cable for the transmission of telephonic signals under and through the land hereinafter described and the right of ingress to and egress therefrom. Grantee shall agree to repair any damage to property of this Corporation by the laying, construction, reconstruction, operation, maintenance, renewal, or removal of said cable, and Grantee shall further agree to relocate said cable at its expense if and when said cable would interfere with any construction undertaken by this Corporation during the term of the right-of-way easement to be hereunder granted. The right-of-way easement shall terminate ninety (90) days after Grantee ceases to use said transmission line for rendition of service. The right-of-way easement shall be over the following-described property:

The South Three (3) feet of the East Thirty-five (35) feet of Lots Four (4) and Five (5) in Block Four (4) of Nina B. Bronson's Subdivision of part of the East Half of the Southwest Quarter of the Northeast Quarter of Section Eighteen (18), Township Nineteen (19) North, Range Nine (9) East of the Third Principal Meridian, situated in the County of Champaign, in the State of Illinois.

On motion of Mr. Swain, this resolution was adopted, without dissent.

COMPTROLLER'S REPORT OF CONTRACTS

(37) The Comptroller's report of contracts executed during the period January 1 to 31, 1962.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
City of Clinton	Recreation and parks survey	\$ 600 00	November 20, 1961
National Aeronautics and Space Administration NsG 228-62	Radiation effects in semiconductors	147 000 00	January 1, 1962
Space Technology Laboratories, Inc.— subcontract under AF 33(616)6775	Produce high mass density beams of charged heavy particles suitable for use as a working fluid of a thrust producing device	8 924 00	March 1, 1961
State of Illinois Department of Mental Health, Project No. 1794	Role of the proteins of the brain in normal and abnormal brain functions	34 294 00	December 14, 1961

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Air Force AF-AFOSR 62-126	Transistor — RC network synthesis	\$ 26 100 00	December 1, 1961
United States Air Force AF-AFOSR 62-245	Matrix isolation and mass spectrometric studies of species produced in a shock tube	50 489 00	January 1, 1962
United States Air Force AF 29(601) 4993	Evaluation of tunnel liners	60 000 00	November 22, 1961
United States Air Force AF 33(657) 7422	High temperature resistant inorganic structural adhesives with metals	35 000 00	October 1, 1961
United States Army DA 49-193 MD2212	Study on antiradiation drugs	10 114 00	November 1, 1961
United States Atomic Energy Commission AT (11-1) 1113	Nuclear magnetic resonance in the study of the properties of metal	47 505 00	November 1, 1961
United States Atomic Energy Commission AT (11-1) 1124	Structural changes in metals due to annealing after deformation	41 685 00	January 1, 1962
United States Department of Health, Education, and Welfare OE 2-12-006	Plan of operation for a counseling and guidance training institute	99 050 00	January 2, 1962
United States Navy Nobsr-85243	Wide aperture direct finder system	50 000 00	March 3, 1961
United States Navy Nonr-1834 (39)	Structure of individual differences in psychological phenomena	20 299 00	September 1, 1961
<i>Total</i>		<u>\$631 060 00</u>	

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
International Harvester Co.	Lease of farm machinery—one forage feeder; one tractor trailer	\$ 196 61	August 22, 1961
MacCarthy Ford Tractor Sales, Inc.	Rental of farm machinery — two items: \$48.00 and \$342.30	390 30	June and July, 1961
University of Illinois Foundation	Rental of second floor of 601, 603, and 605 East Green Street, Champaign, from October 1, 1961, through June 30, 1963	12 600 00 (600.00 per month)	October 1, 1961
<i>Total</i>		<u>\$ 13 186 91</u>	

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Agency for International Development (formerly International Cooperation Administration) ICAc 1453-2	Technical advice and assistance requested by government of India	\$150 000 00	December 20, 1961
National Aeronautics and Space Administration NsG 13 59	Flow mechanism and heat transfer in separated flows	43 015 00	June 1, 1961
Reinforced Concrete Research Council	Multiple panel reinforced concrete floor slabs	7 500 00	December 29, 1961
State of Illinois Cities, Villages, and Towns Commission	Revisions of the <i>Illinois Municipal Code</i>	25 000 00	November 11, 1961
United States Air Force AF 19 (604) 7473	Basic properties of gaseous plasmas	100 000 00	December 11, 1961
United States Air Force AF 29 (601) 2390	Confidential	20 000 00	January 15, 1962
United States Army DA ARO (D) 31-124-G155	Stabilization effects in binary and ternary alloy systems of the transition elements	26 878 00	December 19, 1961
United States Army DA 11-070 ORD 593	Launcher dynamics and rocket launcher design	14 849 00	December 18, 1961
United States Army DA 19-129 QM 1709	Influence of tomato constituents on flavor of irradiated meat	15 630 00	December 7, 1961
United States Army DA 36-039 SC 78313	Microwave duplexer switching mechanism	9 614 80	December 29, 1961
United States Army DA 36-039 SC 85122	Techniques for military applications	250 000 00	January 12, 1962

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Atomic Energy Commission AT (11-1) 415	Unclassified research on electronic high-speed digital computers	\$373 000 00	December 6, 1961
United States Atomic Energy Commission AT (11-1) 1018	Pattern recognition and data handling problems arising in the analysis of bubble chamber photographs of high energy particle events	174 194 00	December 6, 1961
United States Navy N 600 (22) 57197	Instruction for Naval R.O.T.C. officers	3 500 00	November 7, 1961
United States Navy Nobs 77008	Low-cycle, high-stress fatigue behavior of materials and structural components of steels, typical of ship application	30 000 00	December 15, 1961
United States Navy Nobsr-85243	Construct a scale model of the wide band, wide aperture, direction-finder antenna array	139 688 00	December 5, 1961
United States Navy Nonr-1834 (13)	Radiofrequency spectroscopy	60 000 00	December 8, 1961
United States Navy Nonr-1834 (18)	Variety of topics in number theory	19 965 00	August 15, 1961
United States Navy Nonr-1834 (22)	Radio astronomy	100 518 00	July 31, 1961
United States Navy Nonr-1834 (23)	Theory of group representations	15 335 00	September 15, 1961
United States Navy Nonr-1834 (25)	Chemical behavior of subgrain boundaries in metals and alloys	6 500 00	August 15, 1961
United States Navy Nonr 1834 (26)	Plastic deformation of solids	17 500 00	August 31, 1961
United States Navy Nonr 1834 (32)	Structure of turbulent velocity and pressure fluctuations in the boundary layer	21 924 00	September 30, 1961
United States Navy Nonr 1834 (37)	Mechanism of antibody formation in the pig	26 695 00	October 31, 1961
<i>Total</i>		<u>\$1 651 305 80</u>	

Adjustments Made in 1961-62 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Fifty-three items: \$255.00 deduct to \$1,275.00	\$ 2 740 06	December, 1961, and January, 1962
M. E. Hollett (Painting)	Two items: \$360.60 and \$930.95	1 291 55	December, 1961, and January, 1962
<i>Total</i>		<u>\$ 4 031 61</u>	

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(38) The Comptroller presented his quarterly report to the Board as of December 31, 1961.

This report was received for record, and a copy has been filed with the Secretary of the Board.

SALES AND PURCHASES OF SECURITIES

(39) In its semi-annual review of the assets of the University's endowment funds, the First National Bank of Chicago recommended the sale of 750 shares of J. C. Penney Company common stock and reinvestment of the proceeds in approximately 1,500 shares of Tennessee Gas Transmission common. The Finance Committee of the Board has approved this recommendation.

The University received 175 shares of Avnet Electronics Corporation common stock from the Shaw Process Development Company as a gift to support research in foundry work in the Department of Mechanical and Industrial Engineering.

Six shares of Standard Oil Company of New Jersey common stock were also received as a dividend from Standard Oil Company of Indiana, to be credited to the general endowment income account.

The First National Bank of Chicago recommends sale of these securities. The Finance Committee has approved the sale of the Avnet stock. The Board has approved the sale of Standard Oil of New Jersey in previous dividends of this kind.

The University of Illinois Foundation received one share of Owens-Corning Fiberglas Corporation common stock as a gift for the Faculty Center. The Executive Committee of the Foundation has approved the sale of this stock and applying proceeds to the purpose of the gift. Since the stock is registered in the name of "University of Illinois," it will be necessary to have authorization of the Board of Trustees for its sale.

Submitted herewith are the resolutions required to authorize these transactions.

On motion of Mr. Swain, the following resolutions were adopted, without dissent.

Resolution

WHEREAS, the Board of Trustees of the University of Illinois is the owner of 750 shares of J. C. Penney Company common stock, and

WHEREAS, the Finance Committee of that Board has determined that it is advantageous to sell such security,

Now, Therefore, Be It Resolved by the Board of Trustees of the University of Illinois that such security be sold and that H. O. Farber, Comptroller, and A. J. Janata, Secretary, be authorized to execute all documents necessary to complete such sale.

Resolution

WHEREAS, the Board of Trustees of the University of Illinois is the recipient of a gift of 175 shares of Avnet Electronics Corporation common stock in the name of the University of Illinois and owns 6 shares of Standard Oil of New Jersey common stock, and

WHEREAS, the Finance Committee of said Board has determined that it is advantageous to sell the above securities,

Now, Therefore, Be It Resolved by the Board of Trustees of the University of Illinois that these securities be sold and that H. O. Farber, Comptroller, and A. J. Janata, Secretary, be authorized to execute all documents necessary to complete such sales.

Resolution

WHEREAS, one share of Owens-Corning Fiberglas Corporation common stock is registered in the name of "University of Illinois," and

WHEREAS, such stock was received as a gift toward a project of the University of Illinois Foundation, and

WHEREAS, the Executive Committee of the University of Illinois Foundation has determined that it is advantageous to sell such security,

Now, Therefore, Be It Resolved by the Board of Trustees of the University of Illinois that this security be sold and that H. O. Farber, Comptroller, and A. J. Janata, Secretary, be authorized to execute all documents necessary to complete such sale.

INVESTMENT REPORT

Report of the Finance Committee

(40) The Finance Committee reported the following changes in investments of trust funds from October 1 through December 31, 1961:

URBANA-CHAMPAIGN

Endowment Funds

Sale

500 shares	Abbott Laboratories common stock	\$	33 873 52
624 shares	Continental Insurance common stock		41 243 62
10 shares	Standard Oil Company of New Jersey common stock		437 34

Subscription

13 shares	Northern Natural Gas common stock		455 00
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Purchase					
340 shares	Merck and Company common stock			\$	27 342 08
400 shares	Upjohn Company common stock				21 915 83
\$ 2 000	Federal National Mortgage	4 $\frac{1}{4}$ %	6/12/73		2 002 50
14 000	National Fuel Gas	4 $\frac{7}{8}$ %	5/1/86		14 595 00
5 000	U. S. Treasury notes	3 $\frac{1}{4}$ %	8/15/62		5 020 31

Current Funds

Sale					
\$ 500 000	U. S. Treasury notes	3 $\frac{1}{4}$ %	2/15/62	\$	500 781 25
1 500 000	U. S. Treasury certificates	3%	5/15/62		1 500 937 50
Purchase					
\$ 500 000	U. S. Treasury bills		12/7/61	\$	498 800 00
500 000	U. S. Treasury bills		12/28/61		499 387 50
400 000	U. S. Treasury bills		1/11/62		398 366 67
900 000	U. S. Treasury bills		1/25/62		896 178 19
500 000	U. S. Treasury bills		2/1/62		498 032 22
500 000	U. S. Treasury bills		3/1/62		497 013 33
700 000	U. S. Treasury bills		3/22/62		692 931 17
800 000	U. S. Treasury bills		4/26/62		789 300 89
1 000 000	U. S. Treasury notes	3 $\frac{1}{4}$ %	8/15/62		1 002 500 00

Report of the Comptroller

The Comptroller reports the following changes in unexpended plant investments, over which he has authority as shown:

URBANA-CHAMPAIGN**Construction Funds**

Student Services Building Construction Fund as authorized under Board of Trustees resolution dated May 17, 1961.

Purchase					
\$ 55 000	U. S. Treasury bills		12/21/61	\$	54 888 84
112 000	U. S. Treasury bills		3/15/62		111 260 26

Pennsylvania Avenue Construction Fund as authorized under Board of Trustees resolution dated June 21, 1961.

Sale					
\$ 370 000	U. S. Treasury notes	3 $\frac{1}{4}$ %	2/15/63	\$	370 462 50
Exchange					
\$ 370 000	U. S. Treasury bonds	2 $\frac{1}{2}$ %	11/15/61 for		
370 000	U. S. Treasury notes	3 $\frac{1}{4}$ %	2/15/63.		

Purchase					
\$ 45 000	U. S. Treasury certificates	3%	5/15/62	\$	45 056 25
150 000	U. S. Treasury bills		3/15/62		148 523 88

Illini Union and Health Center as authorized under Board of Trustees resolution dated December 21, 1960.

Sale					
\$ 650 500	U. S. Treasury bonds	2 $\frac{1}{2}$ %	11/15/61	\$	651 719 69
50 000	U. S. Treasury bills		12/14/61		49 973 13
30 000	U. S. Treasury bills		1/15/62		29 961 33

Purchase					
\$ 300 000	U. S. Treasury bills		11/16/61	\$	299 858 33
350 000	U. S. Treasury bills		11/24/61		349 702 50
100 000	U. S. Treasury bills		4/12/62		99 068 33
160 000	U. S. Treasury bills		4/19/62		158 148 62
230 000	U. S. Treasury bills		7/15/62		225 996 53

Housing Revenue Bonds of 1960 Series A (Orchard Downs) as authorized under Board of Trustees resolution dated June 14, 1960.

Sale					
\$ 243 000	U. S. Treasury bonds	2 $\frac{1}{2}$ %	11/15/61	\$	243 455 63
90 000	U. S. Treasury notes	3 $\frac{1}{4}$ %	8/15/62		90 225 00
45 000	U. S. Treasury bonds	2 $\frac{1}{2}$ %	11/15/61		45 028 13

Purchase

\$ 93 000	U. S. Treasury bills	11/16/61	\$ 92 956 08
150 000	U. S. Treasury bills	11/24/61	149 872 50
178 000	U. S. Treasury bills	1/18/62	177 451 80

Housing Revenue Bonds of 1959 Series C and D (Peabody Drive) as authorized by Board of Trustees resolution dated October 21, 1959.

Purchase

\$ 50 000	U. S. Treasury bills	12/21/61	\$ 49 829 38
330 000	U. S. Treasury bills	1/18/62	328 607 58
80 000	U. S. Treasury bills	2/15/62	79 699 33

Assembly Hall Revenue Bonds as authorized by Board of Trustees resolution dated June 23, 1959.

Purchase

\$ 30 000	U. S. Treasury bills	3/15/62	\$ 29 825 70
385 000	U. S. Treasury certificates 3%	5/15/62	385 360 94
360 000	U. S. Treasury notes 3½%	8/15/62	360 900 00

Housing Revenue Bonds of 1959 Series B (Graduate Housing) as authorized by Board of Trustees resolution dated June 23, 1959.

Purchase

\$ 12 000	U. S. Treasury bills	11/30/61	\$ 11 976 67
12 000	U. S. Treasury bills	1/11/62	11 966 40

Housing Revenue Bonds of 1958 as authorized by Board of Trustees resolutions dated December 17, 1958, and March 12, 1959.

Purchase

\$ 35 000	U. S. Treasury bills	11/30/61	\$ 34 931 94
30 000	U. S. Treasury bills	1/11/62	29 916 00

Sinking Funds

Housing Revenue Bonds Sinking Fund as authorized by Board of Trustees resolutions dated December 17, 1958, June 23, 1959, October 21, 1959, and June 14, 1960

Purchase

\$ 5 000	U. S. Treasury bills	2/1/62	\$ 4 974 33
32 000	U. S. Treasury bills	3/15/62	31 737 92

Men's Residence Halls Revenue Bonds of 1957 Sinking Fund as authorized by Board of Trustees resolutions dated March 12, 1957, and November 18, 1959.

Purchase

\$ 23 000	U. S. Treasury bills	3/22/62	\$ 22 844 75
3 000	U. S. Treasury notes 3½%	8/15/62	3 019 69

Women's Residence Halls Revenue Bonds of 1956 Sinking Fund as authorized by Board of Trustees resolution dated September 18, 1956.

Purchase

\$ 4 000	U. S. Treasury bonds 2½%	8/15/63	\$ 3 967 50
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Men's Residence Halls Revenue Bonds of 1956 Sinking Fund as authorized by Board of Trustees resolutions dated March 23, 1956, and September 18, 1956.

Purchase

\$ 7 000	U. S. Treasury notes 3½%	8/15/62	\$ 7 028 44
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Reserve for Additional 1952 Bonds as authorized by Board of Trustees resolution dated December 16, 1953.

Exchange

\$ 74 000	U. S. Treasury bonds 2½%	11/15/61 for	
74 000	U. S. Treasury bonds 3⅞%	11/15/74.	

Assembly Hall Revenue Bonds Sinking Fund as authorized by Board of Trustees resolution dated June 23, 1959.

Purchase

\$ 24 000	U. S. Treasury bills	3/23/62	\$ 23 733 40
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CHICAGO

Dentistry-Medicine-Pharmacy Auxiliary Investments

Purchase

\$ 150 000	U. S. Treasury bills	2/8/62	\$ 149 109 00
250 000	U. S. Treasury bills	5/10/62	246 777 00

Laundry Operations

Purchase

\$ 7 000 U. S. Treasury bills 1/11/62 \$ 6 958 21

On motion of Mr. Swain, this report was received for record.

At this point, Mr. Hughes joined the meeting.

**FINAL SETTLEMENT OF CONTRACT WITH WALSH BROS. INC.
FOR CONSTRUCTION OF EAST DENTISTRY-MEDICINE-
PHARMACY BUILDING**

(41) Walsh Bros. Inc., Chicago, was the general contractor for the construction of an addition to the East Dentistry-Medicine-Pharmacy Building completed in 1957 at a total cost of \$985,000; the amount of the general contract plus additions authorized during construction was \$335,867.01.

Disputes arose concerning final settlement of the contract with Walsh Bros. Inc. when the work was completed and the balance due under the contract was \$52,852.71. Walsh Bros. Inc. claimed an additional payment of \$23,504.03 for damages due to alleged delays incurred in the construction; the University had counterclaims amounting to \$4,162.71.

Since completion of the building, these claims have been under negotiation. The firm of Walsh Bros. Inc. has now agreed to accept the \$52,852.71 due under the contract, plus \$162.22 for additional labor required as a result of roof damage.

The Director of the Physical Plant and the Vice-President and Comptroller recommended approval of this settlement and that an appropriation of \$53,014.93 be made from the General Reserve for this payment.

I concur.

On motion of Mr. Johnston, this settlement was approved, as recommended, and an appropriation of \$53,014.93 was made from the General Reserve for this purpose. This action was taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner, Mr. Wilkins.

**POLICIES GOVERNING STUDENT HOUSING AND MEMBERSHIPS
IN STUDENT ORGANIZATIONS**

(42) Two proposals have come to me from the Urbana-Champaign Senate Committee on Student Affairs and both deal with the general subject of discrimination. Although the full text of both follows (Appendix A), the major action called for can be stated as follows: that deadlines be established within which (1) operators of non-University operated rooming houses will endorse a nondiscriminatory policy as to race; and (2) fraternities and sororities will affirm that membership selection is based on criteria other than race.

In each case compliance would be a condition for University approval or recognition. The deadlines suggested by the Committee are September, 1963, for Item 1; and September, 1965, for Item 2.

You will find in Appendix B a brief narrative of actions and policies of the University of Illinois concerning discrimination in recent years. Noted there is the record of the Board of Trustees in support of the elimination of discrimination, the University's traditional commitment to nondiscriminatory procedures, and the statement of the Board of Trustees in 1946 which directed the officers of the University to continue to "favor and strengthen those attitudes and social philosophies which are necessary to create a community atmosphere in which race prejudice can not thrive."¹ It is evident that during the past few years the University has attempted to procure, on a voluntary basis, full compliance with its own objectives, procedures, and policies with reference to nondiscriminatory treatment of students.²

In considering the two recommendations from the Committee on Student Affairs, it is clear that, even though both relate to discrimination, in reality they

¹ Meeting of September 24, 1946, *Transactions of the Board of Trustees*, page 54.

² Attached as Appendix C is a resolution from the Urbana Chapter of the American Association of University Professors with correspondence pertaining thereto. (Copies of the resolution and related correspondence were filed with the Secretary for record. — Secretary's Note)

are different proposals and require separate analysis. For example, on the one hand, the University requires undergraduate students to live in approved housing. Housing regulations have developed naturally from that requirement and the University's obligation to provide equal opportunity can be clearly defined. On the other hand, we do not require students to affiliate with student organizations. We have definite responsibilities here too, but the best means of fulfilling them is not necessarily the same or as readily determined.

It should also be noted that both proposals involve racial discrimination only. Yet, the University is opposed, in philosophy and practice, to other forms of discrimination as well, including those based on creed or religion and national origin.

Of the two proposals, I believe that clear action with respect to commercial housing can be taken at this time and I offer comment and a recommendation in the section immediately following. The proposal as to fraternities and sororities is more complex and by implication involves all student organizations and other bases of social discrimination than race. I should like to deal with that subject in a later section. In each case the conclusions offered take into account a careful study of both questions and my consultation with appropriate officers of the University.

Commercially-Operated Rooming Houses

The housing of students for many years has been viewed as a matter in which the University has a responsibility. For example, as early as 1940, standards were established to insure that facilities met University standards as to "health, safety, comfort, moral surroundings, study conditions, social facilities, and reasonableness of charge."

Under present regulations all single undergraduate students must live in housing approved by the University as being in accord with its standards.

As revised March 16, 1960, Section IX of the Code of Fair Educational Practice reads as follows:

The University administration encourages nondiscriminatory practices in commercially-operated rooming houses. However, health, safety, and moral standards are recognized as the basic criteria for approved housing.

The University administration encourages those who serve the general student body to treat all students alike, regardless of race, creed, or national origin.

The University will approve no new privately-operated student rooming house unless the owner agrees to make its facilities available to all students without discrimination with respect to race or religion. When ownership of presently approved housing changes, University approval will be continued only if the new owner agrees to make its facilities available to all students without discrimination with respect to race or religion. These provisions do not apply to a house which is the private home of the owner and in which no more than three rooms are rented.

The first two paragraphs quoted above represent the version of September 15, 1958. The third paragraph was added on March 16, 1960. The 1960 action was approved as a practical step toward attaining greater compliance with the University's stated objective, without applying a new standard retroactively to house owners who entered the housing business before that standard was stated as a condition of University approval. The move was also thought to be an additional encouragement to voluntary compliance.

The Urbana-Champaign Senate Committee on Student Affairs now proposes that "University approval be denied to all non-University operated rooming houses which have not endorsed a nondiscriminatory policy (as to race) by September of 1963." The Committee also proposes that in the meantime the University make further efforts to encourage voluntary conformity to the policy of nondiscrimination.

The Office of Off-Campus Housing has supplied data which reflect the changes in voluntary compliance during the most recent rental periods. In terms of housing units, in March, 1960, 8 per cent (a total of twenty) stated that they were non-discriminatory, while 25 per cent (sixty-four houses) had submitted such statements by January 30, 1962.

¹ Meeting of February 16, 1940, *Transactions of the Board of Trustees*, pages 753-754.

The picture in terms of the total numbers of student living spaces is more significant. Whereas only 26 per cent of the total spaces was available on a non-discriminatory basis in March, 1960 (848 spaces), the percentage has increased to 49 per cent at the present time (1,862 spaces). Percentagewise, the greatest gain was made in houses for women, although the total number of spaces available for women is relatively small as compared with the total for men.

The gains reflected in these comparative figures lend some support to the University's position that encouragement of voluntary compliance will reduce discrimination (combined with the policy of nonapproval of new houses or houses that change ownership if discrimination is practiced). However, a total of 194 housing units with some 1,932 student spaces (the latter representing 51 per cent of such spaces available for undergraduates) is still operated on a presumed discriminatory basis. While continuing progress toward compliance with University policy may be anticipated, it is now obvious that many years would elapse before nondiscrimination would voluntarily be accepted completely as the practice.

Thus, I believe that the time has arrived when the University should specify a date within which owners or operators of commercially-operated rooming houses will be expected to meet the standards which the University applies to its own housing and I recommend that the Code of Fair Educational Practice be amended so that University approval will be denied to such houses which have not, by September 1, 1965, indicated that their facilities are available to all students, without regard to race, creed, or national origin.

You will note that the recommendation is broader than that offered by the Committee on Student Affairs, applying as it does not only to race but to creed and national origin as well. The broader scope is in accord with our general University philosophy and responsibility and is consistent with past actions and positions on this subject (cf. Appendix B).

The exception to the requirement recommended should be, I believe, the one applied in March, 1960, to houses which are the private homes of the owners and in which no more than three rooms are rented. This exception would not result in a material loss of student living spaces. There are sixty-three such homes with a total capacity of 157 student spaces, a capacity which represents 4 per cent of the total spaces. We will, of course, continue to seek voluntary compliance with University policies from among these owners.

Although the Senate Committee proposed September, 1963, as an effective date for the application of the new standard, I believe that September, 1965, is a fair deadline. It allows three years for rooming house operators or owners to adjust or make other arrangements for their property. It also allows the University time to build additional housing units if needed to offset any withdrawal of housing as a result of the action here described.

I suggest that your action on the recommendation before you be the adoption of the following statement of policy, which may then be implemented through appropriate amendments to the regulations governing approval of housing for students:

Statement of Policy

The Board of Trustees of the University of Illinois reaffirms its position that discriminatory practices based on considerations of race, creed, or national origin affect the general welfare of its students and are detrimental to a proper educational environment. So far as may be practicable and consistent with its paramount obligation to provide appropriate facilities for higher education of qualified students, the Board will discourage, limit, or seek to eliminate student involvement in such discriminatory practices. The Board now deems it appropriate to particularize this policy further as it relates to the housing of students at the Urbana-Champaign campus. It is therefore determined that:

From and after September 1, 1965, single undergraduate students will not be permitted to reside in commercially-operated rooming houses in which the occupants are selected on the basis of race, creed, or national origin. There may be excepted from the foregoing a residence in any facility which is the private home of the landlord and in which no more than three rooms are rented.

On motion of Mr. Dilliard, the statement was amended by the addition of the following sentence: "It is to be hoped that full compliance will be achieved on a voluntary basis long before the 1965 date."

On motion of Mr. Johnston, this statement of policy, as amended, was adopted; and the recommendation of the President with respect to further consideration of policies affecting student organizations, as presented below, was approved.

Student Organizations

The Code of Fair Educational Practice, a codification issued in 1958, reads as follows:

The problem of restrictive clauses in the constitution and by-laws of student social organizations is primarily a student problem and therefore should be solved by the students concerned. However, the University encourages student organizations to eliminate qualifications based on race, creed, or national origin.

The University may make the information which it gathers in connection with the registration of students available to authorized representatives of student organizations. It does not supply information concerning the race, creed, or national origin of students for the specific purpose of membership selection by student social organizations.

Later, the Interfraternity Council and Panhellenic groups voted not to admit any new organizations with discriminatory restrictions, and the Code on Student Affairs (as distinguished from the Code on Fair Educational Practice) was amended on October 1, 1959, to include the following statement:

No new student organization which has a clause restricting membership on the basis of race, religion, or national origin, shall be granted University recognition.

In the meantime, fraternities and sororities were advised that the University would expect periodic reports on their progress in eliminating discriminatory clauses or policies and were alerted to the depth of the University's concern about the matter.

At the time of the adoption of the Code of Fair Educational Practice in 1958, there were four fraternal organizations on the Urbana campus governed by restrictive clauses or acknowledged policies in national constitutions with regard to race. Three of the four have since changed their constitutions at national conventions either to eliminate the discriminatory clause or to provide waivers of the application of the clause where conditions warrant such waivers for individual chapters. Hence, at present there is but one organization about which we are in doubt in this matter. This is indicative of substantial accomplishment and it would seem unfortunate now to invoke a terminal ultimatum for one organization; indeed, I feel that we can expect full compliance without waiting overly long.

However, the proposal of the Senate Committee on Student Affairs would require a statement of affirmation from each fraternity and sorority that membership selection is based on criteria other than that of race. This is a proposal which would not reflect consistency or fairness in University policies: the restriction is limited to fraternal organizations, making no mention of the numerous other student associations; and the restriction is limited to race.

As noted earlier, the Code on Student Affairs now precludes recognition of any *new* organization which restricts membership on the basis of race, religion, or national origin. The question, then, is essentially — shall *existing* student organizations be required to eliminate all similar qualifications for membership?

A brief review of existing student organizations will suggest the dimensions of the problem: There are at the University a variety of established religious associations for students which require a specific church affiliation for membership. There are student houses, halls, and cooperatives with religious ties. There are student groups created by various nationality groups which require a specific national origin for full membership privileges. Finally, fraternities and sororities may require religious commitment in their rituals; occasionally religious symbols and other affirmations are involved in fraternal activity.

This organizational pattern represents the development of groups with mutual interests over many years. Where there are requirements of the type I have mentioned, many have been stated with no intent to discriminate unfairly but in

the natural manner of a group with common interests stating its membership qualifications in terms of the cultural and educational purposes and interests of the organization, be they Lutheran, Catholic, African, Jewish, Indian, etc.

While I believe fully in the general intent of the Senate Committee to work against discriminatory practice wherever it is found, and have approved administratively the implementation of the educational steps suggested to gain voluntary compliance with University objectives by all student organizations, the present proposal is inadequate and unsound.

I believe, however, the University has the duty to make a comprehensive effort to clarify the purposes of existing student organizations as distinguished from membership requirements. The provisions of the Student Code insure that we shall not compound the problem by establishing new organizations without study of their charters on this point at the time of establishment. To some extent, then, a study of purposes has been going on by this means. We have found that organizations frequently are able and willing to hold to their basic purposes, yet welcome association with students who are interested in those purposes but who are not members of the specific religion or national group involved.

What is needed now is a period of study of voluntary association to develop a University-wide pattern and a guidance program, fair to all and consistent with the spirit of the University's philosophy of nondiscrimination.

Therefore, because I am unwilling to deal with the question of racial discrimination alone; and because I do not have before me a plan capable of applying a consistent and equitable enforcement of regulations pertaining to race, creed, or national origin in all student organizations—I am asking the Senate Committee on Student Affairs to give further consideration to this subject.

DAVID D. HENRY
President

Appendix A. Recommendations of the Committee on Student Affairs' Sub-Committee on Housing Discrimination

As a result of its study on racial discrimination, the Committee on Student Affairs recommends that:

SECTION I. OFF-CAMPUS HOUSING

1. A letter be sent to operators and/or owners of non-University owned residence halls and rooming houses to encourage their voluntary operation on a policy of nondiscrimination toward race. This letter would:
 - a. List by name the houses which have signed the nondiscriminatory pledge;
 - b. Include a statement that racial integration has met with student approval and has not affected the successful operation of these houses;
 - c. Commend those house operators following a nondiscriminatory policy;
 - d. Encourage house operators who have held back in fear of financial loss to integrate their houses.
2. Students be encouraged to take the responsibility of educating the house directors, owners, and students so that voluntary action will follow.
3. University approval be denied to all non-University-operated rooming houses which have not endorsed a nondiscriminatory policy by September of 1963.

SECTION II. THE GREEK SYSTEM

4. The Greek system be encouraged to:
 - a. Discuss fraternity and sorority responsibilities regarding the discrimination problem;
 - b. Work to create an atmosphere conducive to inter-group relations;
 - c. Observe criteria for selection of members solely on the basis of individual worth and without regard to racial distinction.
5. The University:
 - a. Issue a definite statement declaring its opposition to all national and local policies of discrimination based on race;
 - b. Notify all local, national, and alumni groups of this statement.
6. The Committee recommends that all the above measures be adopted regarding race by September 1, 1965; and that the University withdraw recognition from any chapter that has not endorsed a policy of nondiscrimination. This would be interpreted as a statement duly signed in good faith by local chapter members affirming membership selection based on criteria other than racial distinction.

Appendix B. The University of Illinois and Discrimination: Actions and Policies

Over a period of years the University has sought to sustain its abiding commitment to nondiscriminatory practices which involve its students.

This commitment was reaffirmed in 1946 when the Board of Trustees confirmed the University's obligation "to provide facilities for higher education for all qualified young people who may choose these facilities rather than the facilities of other colleges and universities." At the same time, the Trustees stated, the University "will expect to expand the use of its present facilities and of any new facilities it may secure by the addition of University-owned and operated housing to which its own standards of health and of social and moral conduct can be applied." Further, in the statement of 1946 the Trustees directed the officers of the University to "continue a policy of long standing which will favor and strengthen those attitudes and social philosophies which are necessary to create a community atmosphere in which race prejudice cannot thrive."¹

Implementation of the commitment noted has been carried out in a number of ways.

Commercially-Operated Rooming Houses

For a long time the University has depended upon a large measure of commercially-operated housing for students. In 1939 an Office of Housing was established and in 1940 the Board of Trustees adopted policies and procedures by which facilities might be inspected and approved and set up standards which approved housing would be required to meet. The standards covered such areas of concern as "health, safety, comfort, moral surroundings, study conditions, social facilities, and reasonableness of charge."² In recent years all single undergraduate students have been required to live in approved housing.

In August, 1955, the director of housing, in a letter to the operators of rooming houses, reiterated the University's policy of encouraging all who serve students in the Champaign-Urbana community to do so without discrimination. He also wrote: "In the University residence halls and temporary housing units, assignments (of rooms) are made without regard to race, religion, or nationality. We urge that you follow the same policy in assigning your facilities."

On October 6 of the same year, the President of the University reviewed the situation and expressed regret that the policy of approving housing had been interpreted by some persons as an endorsement of the discriminatory policies of some of the operators. He reaffirmed the University's intention to make clear that it "deplores any discrimination on the part of operators . . . and will encourage landlords and businesses to follow University standards and practices. . . ."

As noted earlier, on September 15, 1958, the University issued a Code of Fair Educational Practice which represented in general a codification of existing practice. The Code guaranteed the traditional freedom from discrimination at the University, stipulating its application in admissions, student aid, classroom and curricula, college employment, campus housing and boarding, health facilities, physical education and recreation. The Code also served to identify areas in which the extension of the University position on discrimination was affected by the attitudes of those outside the institution, for example: in the employment of University graduates; clauses in the constitutions of social organizations (as noted above); and in the availability of off-campus housing. In each of these areas the Code contained a statement in which the agencies and individuals concerned were urged to comply with the University's policy of nondiscrimination.

In succeeding years the encouragement of nondiscrimination in off-campus housing was continued by University housing officials and approved and reviewed by the Provost. In December, 1958, the new Code was interpreted for the operators, and each was asked to sign a pledge not to discriminate as to "race, color, religious preference, or national origin." Each was informed that the University lists of housing facilities would carry notations as to which operators

¹ Meeting of September 24, 1946, *Transactions of the Board of Trustees*, page 54.

² Meeting of February 16, 1940, *Transactions of the Board of Trustees*, pages 753-754.

As an example of University action concerning faculty housing, on June 28, 1961, the University Council approved a procedure of raising the two-year ceiling generally imposed on the rental of University housing by members of the faculty. This was done to accommodate faculty members who experienced difficulty in securing housing in the community because of racial attitudes.

had agreed to sign. By the spring of 1959 approximately 20 per cent of the off-campus housing spaces were pledged to be available on a nondiscriminatory basis.

Late in 1959 further study of the Code was undertaken, with a view to its possible revision to insure more general compliance with University practices. Proposed revisions were submitted to and approved by the Legal Counsel who pointed out that if the proposed regulations resulted in the dissipation of off-campus housing to the extent that qualified students could not find housing, the University's obligation to admit and educate students would take precedence over its commitment to nondiscrimination.

Accordingly, on March 18, 1960, a revision of the Code was approved by which newly established commercial rooming houses would not receive University approval unless their owners agreed not to discriminate. When ownership of presently approved housing changed, the new owners would be required to accept a nondiscriminatory policy or face nonapproval. Excepted from these regulations were houses which were the dwellings of their owners and which provided no more than three rooms for rent.

Since the spring of 1960 the University has continued to seek compliance. As of January 30, 1962, an over-all percentage of 49 per cent of off-campus space was available on a nondiscriminatory basis (71 per cent of the space for women; 44 per cent for men). Further, student groups have been interested in working with student leaders in the houses to seek additional pledges of nondiscrimination by means of persuasion and education.

Student Organizations

The existence of racially restrictive membership clauses in the organic laws or avowed policies of student organizations, social organizations in particular, has been the subject of national debate for many years. At the University of Illinois, in the Code of Fair Educational Practice issued in 1958, the problem was seen as "primarily a student problem" which therefore "should be solved by the students themselves." However, the Code noted, "the University encourages student organizations to eliminate qualifications based on race, creed, or national origin." The Code also stipulated that, although the University would supply information gathered at student registration to student organizations, it would not supply "information concerning the race, creed, or national origin of students for the specific purpose of membership selection by student social organizations." Moreover, representatives of such organizations were informed that periodic reports on their progress in the elimination of discriminatory clauses or policies would be expected by the University.

On October 1, 1959, following discussion and approval by the Student Senate, the Urbana-Champaign Senate Committee on Student Affairs, and fraternity and sorority groups, the Dean of Students issued a supplement to the Code of Undergraduate Student Affairs. The supplement stated, "No new student organization which has a clause restricting membership on the basis of race, religion, or national origin, shall be granted University recognition." The supplementary provision was applied during the 1959-60 academic year to the establishment of two new organizations of foreign students, organized on the basis of national origin.

LITIGATION TO CONSTRUE PROVISIONS OF ILLINOIS PURCHASING ACT

(43) At the request of the President, Mr. James J. Costello, Legal Counsel, submitted a report, on behalf of Mr. Ralph F. Lesemann, Special Counsel, on the case instituted in the Circuit Court of Champaign County by a number of heating and plumbing contractors, doing business in Champaign County, against the University for the purpose of securing a declaratory judgment construing the provisions of the Illinois Purchasing Act of 1957.

Prior to enactment of this law, the state of Illinois and its agencies, including the University, had an option to let construction, remodeling, renovation, repair, and other work upon their buildings out on contract or to purchase the equipment and materials needed for the work and have the latter performed by their own employees. Also, the State, the University, and other state agencies, if they saw fit to let such work out to contractors, were not required by law to award contracts upon a competitive bidding basis; nevertheless the University, as a matter

of institutional policy, awarded contracts on a competitive basis, when the cost of any job exceeded \$2,500.

The suit instituted challenged the right of the University to undertake any construction or remodeling, repair or other work using its own staff involving any expenditures of state funds which exceeds the cost estimate of \$1,500. The Illinois Purchasing Act provides that any *purchase* of any commodity or article, the cost of which exceeds \$1,500, shall be on the basis of competitive bids.

Judge Charles E. Keller of the Circuit Court of Champaign County, in a decision announced on February 19, 1962, ruled that it is not the intention and purpose of the General Assembly in enacting the Illinois Purchasing Act to deprive the University or any other state agency of the right and privilege it had prior to the enactment of that legislation to perform construction, renovation, repair, remodeling, etc. work with its own employees if it has funds appropriated to it in an appropriation "For personal services" which will enable it to do this. He further ruled that the Act should be construed in other respects in accordance with the University's contentions and contrary to those of the plaintiffs. In short, the decision announced by him on February 19 upheld all the University's contentions and rejected all those advanced by the plaintiffs which we did not concede.

A formal judgment order has been entered. If the case is appealed, the University's Legal Counsel and Special Counsel will vigorously oppose it.

A more detailed report has been filed with the Secretary of the Board.

This report was received for record.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) cancellations and resignations; (4) leaves of absence; (5) cancellation of sabbatical leave of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ALVAREZ, JULIAN, Research Associate in Biological Chemistry (Medicine), eight months from January 1, 1962, \$7,000 a year (1-29-62).

AMON, ALBERT H., Research Associate in the Digital Computer Laboratory, February 1-June 15, 1962, \$722.22 a month (1-24-62).

ANZALONE, CHARLENE B., Assistant in Physical Education for Women (Chicago Undergraduate Division), nine months from September 16, 1961, without pay (1-8-62).

ARGOUEDELIS, CHRISTOS, Assistant Professor of Food Technology (S), seven months from February 1, 1962, \$7,950 a year, supersedes (1-29-62).

BICKELHAUPT, ROY E., Research Associate in Ceramic Engineering (S), seven months from February 1, 1962, \$9,500 a year, supersedes (1-24-62).

BOBREN, HOWARD M., Assistant to the Director and Research Associate in the Institute of Communications Research (College of Journalism and Communications), seven months from February 1, 1962, \$7,500 a year, supersedes (1-29-62).

BOLEY, LOYD E., Professor of Veterinary Clinical Medicine and Head of the Department, and Professor of Veterinary Pathology and Hygiene, on indefinite tenure, and Assistant Dean of the College of Veterinary Medicine, February 1, 1962-August 31, 1963, \$17,200 a year, supersedes (1-24-62).

BRILEY, BRUCE E., Research Assistant in the Digital Computer Laboratory, February 1-June 15, 1962, \$500 a month, supersedes (1-5-62).

BRODY, MRS. LITA H., Assistant in Medicine (Medicine), eight months from January 1, 1962, \$5,400 (1-29-62).

BRUCE, ELEANOR A., Assistant in Home Economics (C and S), February 15-August 31, 1962, \$5,400 a year (1-2-62).

BRYANT, ROBERT E., Instructor in Dentistry (Dentistry), 7/10 time, eight months from January 1, 1962, \$4,900 a year, supersedes (1-16-62).

BUINAUSKAS, PETER, Clinical Instructor in Surgery (Medicine), 3/5 time, eight months from January 1, 1962, \$3,000 a year, supersedes nonsalaried appointment (1-24-62).

- CASTILLO, JOSE M., Instructor in Psychiatry (Medicine), nine months from December 1, 1961, without salary, supersedes (1-16-62).
- CELEWYCZ, BOHDAN S., Clinical Instructor in Pediatrics (Medicine), ten months from November 1, 1961, without salary (1-2-62).
- CHARLES, ALLAN G., Clinical Instructor in Obstetrics and Gynecology (Medicine), eight months from January 1, 1962, without salary (1-2-62).
- CHERNIACK, NEIL S., Instructor in Medicine (Medicine), six months from January 1, 1962, without salary, supersedes (1-2-62).
- CLARK, DOROTHY E., Assistant Professor of Music (College of Fine and Applied Arts), $\frac{3}{4}$ time, \$5,510 a year, and Counselor in the Student Counseling Service (Provost's Office), $\frac{1}{4}$ time, \$1,840 a year, March 1, 1962-August 31, 1963, to render service during each academic year, supersedes (1-5-62).
- COHEN, LEON I., Clinical Assistant in Medicine (Medicine), nine months from December 1, 1961, without salary (1-2-62).
- CONRON, MICHAEL A., Assistant in the Institute of Aviation, January 22-June 15, 1962, \$450 a month (1-24-62).
- COTSONAS, NICHOLAS J., JR., Associate Professor of Medicine (Medicine), indefinite tenure beginning January 1, 1962, \$17,900 a year, supersedes (1-2-62).
- CRAIG, JAMES M., JR., Assistant in the Institute of Aviation, January 1-June 15, 1962, \$450 a month (1-2-62).
- CUNNINGHAM, DANIEL G., Clinical Instructor in Pediatrics (Medicine), ten months from November 1, 1961, without salary (1-2-62).
- DAKIN, THEODORE R., Clinical Assistant Professor of Medicine (Medicine), four months from September 1, 1961, without salary (1-2-62).
- DE LA TORRE, LUIS, Assistant Professor of Zoology, Department of Pharmacognosy and Pharmacology (Pharmacy), December 15, 1961-August 31, 1963, to render service during each academic year, \$7,000 a year, supersedes (1-16-62).
- DEPALMA, RUDOLPH E., Research Associate in Applied Materia Medica and Therapeutics (Dentistry), $\frac{2}{3}$ time, seven months from February 1, 1962, \$2,800 a year (1-24-62).
- DESHANDE, V. N., Research Associate in Plant Pathology (S), January 15-August 31, 1962, \$5,850 a year (1-29-62).
- DETWEILER, JOHN A., Clinical Assistant Professor of Medicine (Medicine), one year from September 1, 1961, without salary, supersedes (1-29-62).
- DIPERT, ARNOLD W., Instructor in Electrical Engineering (C), to render service during the second semester of the academic year, March 1-August 31, 1962, \$4,800 a year, supersedes (1-24-62).
- DOEMLAND, HARVEY H., Instructor in Electrical Engineering (C), $\frac{2}{3}$ time, February 1-June 15, 1962, \$466.67 a month (1-29-62).
- DYSART, MARGARET, Research Associate in Pharmacognosy and Pharmacology (Pharmacy), $\frac{1}{2}$ time, January 15-June 30, 1962, \$250 a month (1-29-62).
- EDMUNDS, MRS. JANE C., Research Assistant in Chemistry, November 27, 1961-August 31, 1962, \$4,900 a year (1-2-62).
- FARHI, EDNA S., Assistant in Physiology, seven months from February 1, 1962, \$4,900 a year, supersedes nonacademic appointment (1-29-62).
- FEILER, ERNEST M., Clinical Instructor in Surgery (Medicine), 3/10 time, January 2-June 30, 1962, \$150 a month (1-24-62).
- FELDMAN, SHELDON, Research Associate in the Institute of Communications Research (College of Journalism and Communications), January 1-June 15, 1962, \$722.22 a month (2-2-62).
- FENZL, RICHARD N., Assistant Professor of Agricultural Engineering (C and S), April 1, 1962-August 31, 1963, \$8,500 a year (1-2-62).
- FOOTE, BEVERLY D., Research Associate in Plant Physiology (Agronomy) (S), six months from January 1, 1962, \$3,200 (1-24-62).
- GIOVACCHINI, PETER L., Clinical Associate Professor of Psychiatry (Medicine), $\frac{1}{4}$ time, indefinite tenure from September 1, 1961, annual salary of \$3,100; and Clinical Associate Professor of Psychiatry, 15 per cent time, December 1, 1961-August 31, 1962, annual salary of \$1,860, supersedes (1-4-62).
- GOTOFF, SAMUEL P., Clinical Instructor in Pediatrics (Medicine), September 8, 1961-August 31, 1962, without salary, supersedes (1-29-62).
- GRIMM, ARTHUR, Instructor in Physiology (Medicine), $\frac{1}{2}$ time, and in Histology (Dentistry), $\frac{1}{2}$ time, eight months from January 1, 1962, \$9,000 a year, supersedes (1-16-62).

- GUNNAR, ROLF M., Assistant Professor of Medicine (Medicine), $\frac{1}{2}$ time, eight months from January 1, 1962, \$7,500 a year, supersedes nonsalaried appointment (1-2-62).
- HALFORD, GARY R., Research Associate in Theoretical and Applied Mechanics (C), $\frac{3}{4}$ time, March 1-August 31, 1962, to render service during the second semester of the academic year, \$1,782, supersedes (1-16-62).
- HARRISON, LUCILLE, Assistant in Nursing, January 2-August 31, 1962, \$5,500 a year (1-29-62).
- HARVEY, ROBERT O., Professor of Finance on indefinite tenure from December 1, 1961, \$12,300 a year, for service during the academic year; and Director of the Executive Development Center (College of Commerce and Business Administration), December 1, 1961-August 31, 1962, additional salary of \$2,734 for services during the period June 16-August 15, 1962; supersedes (1-18-62).
- HATFIELD, WILLIAM E., Research Associate in Chemistry, January 8-August 31, 1962, \$5,850 a year (1-24-62).
- HERLING, SHEILA, Research Assistant in Psychiatry (Medicine), eight months from January 1, 1962, \$5,280 a year (1-2-62).
- HOFFMAN, MARY M. F., Instructor in Home Economics 4-H Club Work (E), $\frac{1}{2}$ time from January 1-February 28, 1962, \$3,200 a year, and full time from March 1-August 31, 1962, \$6,400 a year (1-2-62).
- HSEU, TONG-MING, Research Associate in Chemistry, one year from February 1, 1962, \$5,850 (1-2-62).
- INGLE, JOHN, Research Associate in Plant Physiology (Agronomy) (S), January 9-August 31, 1962, \$6,000 a year (1-29-62).
- JACOBS, ALAN H., Instructor in Anthropology, academic year from September 1, 1962, \$7,000 (1-29-62).
- JASPER, ELMER A., Professor of Applied Materia Medica and Therapeutics (Dentistry), $\frac{1}{2}$ time, indefinite tenure from January 1, 1962, \$6,194 a year, supersedes (1-16-62).
- JENKS, RICHARD D., Research Assistant in the Coordinated Science Laboratory (C), seven months from February 1, 1962, \$5,500 a year, supersedes (1-24-62).
- JOHNSON, CHARLES S., JR., Instructor in Physical Chemistry, February 1-June 15, 1962, without salary (1-24-62).
- JONES, EDWIN C., JR., Assistant Professor of Electrical Engineering (C), to render service during the second semester of the academic year, March 1-August 31, 1962, \$7,500 a year, supersedes (2-2-62).
- JUGENHEIMER, ROBERT W., Professor of Plant Genetics (Agronomy) (C), indefinite tenure, and Coordinator of International Cooperation Programs (Office of Executive Vice-President and Provost), January 27, 1962-August 31, 1963, at an annual salary of \$15,000, supersedes (1-5-62).
- KAHN, SHELDON M., Instructor in Medicine (Medicine), six months from January 1, 1962, \$500 a month (1-24-62).
- KATSER, GEORGE D., Clinical Assistant Professor of Surgery (Medicine), eight months from January 1, 1962, without salary, supersedes salaried appointment (1-16-62).
- KAMP, INEZ N., Research Associate in Plant Pathology (S), six months from January 1, 1962, \$458.33 a month (1-8-62).
- KARAKASHIAN, STEPHEN J., Research Associate in Chemistry, seven months from February 1, 1962, \$5,850 a year (1-29-62).
- KELSEY, PATRICIA, Instructor in Occupational Therapy (Medicine), eight months from January 1, 1962, \$6,950 a year, supersedes (1-24-62).
- KLING, ARTHUR, Clinical Instructor in Psychiatry (Medicine), ten months from November 1, 1961, without salary (1-2-62).
- KOSTIW, MRS. LUBA L., Research Assistant in Pharmacognosy and Pharmacology (Pharmacy), December 18, 1961-August 31, 1962, \$6,000 a year (1-24-62).
- KRAMER, CHARLES H., Clinical Instructor in Psychiatry (Medicine), nine months from December 1, 1961, without salary (1-2-62).
- KULIS, JOHN C., Clinical Instructor in Medicine (Medicine), 15/100 time, four months from January 1, 1962, \$87.50 a month, supersedes nonsalaried appointment (1-29-62).
- KUMARICH, DAN, Instructor in Dentistry (Dentistry), $\frac{1}{2}$ time, eight months from January 1, 1962, \$3,500 a year (1-16-62).

- LAMB, JOHN H., JR., Instructor in Civil Engineering (C and S), to render service during the second semester of the academic year, March 1-August 31, 1962, \$6,400 a year, supersedes (1-29-62).
- LANOUX, SIGRED B., Research Associate in Chemistry, eleven months from October 1, 1961, \$5,850 a year, supersedes (1-2-62).
- LEFKOWITZ, LEWIS B., JR., Research Assistant in Preventive Medicine (Medicine), eight months from January 1, 1962, without salary (1-29-62).
- LEON, HECTOR R., Assistant in Anesthesiology, Department of Surgery (Medicine), seven months from December 1, 1961, without salary (1-2-62).
- LEWIS, DAVID R., Clinical Instructor in Surgery (Medicine), eight months from January 1, 1962, without salary (1-24-62).
- LIM, YUNG KUO, Research Associate in Physics (C), four months from February 1, 1962, \$608.33 a month (1-2-62).
- LISTON, PHYLLIS M., Assistant in English, February 1-June 15, 1962, \$444.44 a month, supersedes (1-29-62).
- LOLANS, VALENTINA T., Research Assistant in Medicine (Medicine), eight months from January 1, 1962, \$5,400 a year (1-24-62).
- MACKLER, HYMAN, Research Associate in Preventive Medicine and in Neurology and Neurological Surgery (Medicine), $\frac{2}{3}$ time, November 13, 1961-August 31, 1962, \$5,850 a year, supersedes (1-2-62).
- MANGAN, KENNETH R., Research Associate in the Institute for Research on Exceptional Children, academic year beginning September 1, 1961, without salary (1-24-62).
- MCGUIRE, EDWARD, Research Assistant in Biological Chemistry (Medicine), eight months from January 1, 1962, \$4,900 a year (1-24-62).
- MEYER, EWY, Research Associate in Ophthalmology (Medicine), November 8, 1961-August 31, 1962, without salary (1-2-62).
- MICHELSON, A. M., Visiting Lecturer in Chemistry, six months from February 1, 1962, \$6,500 (1-24-62).
- MODUTHAGAM, MICHAEL, Assistant in Physics, Department of Chemistry (Pharmacy), January 1-June 15, 1962, \$444.44 a month, supersedes (1-24-62).
- MOLE, PAUL A., Assistant in Physical Education for Men, nine months from September 16, 1961, \$5,000, supersedes (1-24-62).
- MONTGOMERY, CLARK, Physician in the Health Service (Chicago Professional Colleges), 15/100 time, \$1,150 a year, and Instructor in Medicine (Medicine), 6/10 time, \$4,600 a year, January 5-June 30, 1962 (2-8-62).
- MORALES, SILVIO D., Clinical Instructor in Pediatrics (Medicine), ten months from November 1, 1961, without salary (1-16-62).
- MULLER, BERTOLD, Research Associate in Chemistry, four months from January 16, 1962, \$487.50 a month (1-24-62).
- NAJAFI, HASSAN, Clinical Instructor in Surgery (Medicine), eight months from January 1, 1962, without salary, supersedes salaried appointment (1-16-62).
- NAKANISHI, MASAKI, Research Associate in Chemistry, seven months from February 1, 1962, \$6,000 a year (1-2-62).
- NANNELLI, PIERO, Research Associate in Chemistry, one year from September 1, 1961, \$5,850, supersedes (1-2-62).
- NEILL, DAVID M., Research Assistant in Electrical Engineering (S), nine months from December 1, 1961, \$5,100 a year, supersedes (1-2-62).
- O'CONNELL, WILLIAM J., Assistant Professor of Architecture, to render service during each academic year, April 1, 1962-August 31, 1963, \$10,000 a year, supersedes (1-24-62).
- O'DONNELL, ROBERT E., Psychometrist in the Student Counseling Service (Chicago Undergraduate Division), eight months from January 1, 1962, \$5,500 a year (1-5-62).
- PAOLILLO, DOMINICK J., JR., Assistant Professor of Botany, to render service during the second semester of the academic year, March 1-August 31, 1962, \$6,500 a year; this is in addition to his appointment as Fellow in Botany; supersedes (1-29-62).
- PENEV, LUBEN C., Clinical Instructor in Medicine (Medicine), 15/100 time, four months from January 1, 1962, \$87.50 a month, supersedes nonsalaried appointment (1-29-62).
- PLATT, GEORGE M., Research Associate in the Institute of Government and Public Affairs, eleven months from February 1, 1962, \$10,800 a year (1-2-62).

- RAFFENSPERGER, JOHN G., Clinical Instructor in Surgery (Medicine), ten months from November 1, 1961, without salary (1-2-62).
- RAO, C. R., Assistant on $\frac{1}{2}$ time and Research Assistant on $\frac{1}{2}$ time, in Mathematics, February 1-June 15, 1962, \$2,000 (1-24-62).
- RAY, SYLVIAN R., Research Associate in the Digital Computer Laboratory, to render service during the second semester of the academic year, February 1-August 31, 1962, \$537.86 a month, supersedes (1-31-62).
- REYNOLDS, EVELYN, Visiting Artist in Music, February 1-June 15, 1962, \$4,250, supersedes (1-2-62).
- ROSS, ROBERT C., Leader of Foreign Agriculture Visitors, and Assistant Coordinator of International Cooperation Programs (C and E), $\frac{1}{2}$ time, December 16, 1961-August 31, 1962, \$6,750 a year (1-2-62).
- SECTER, IRVING I., Assistant Professor of Clinical Dentistry (Dentistry), $\frac{1}{2}$ time, January 1, 1962-August 31, 1963, \$4,000 a year, supersedes (1-16-62).
- SHERMAN, CAROL L., Research Assistant in Chemistry, nine months from December 1, 1961, \$4,900 a year (1-2-62).
- SMITH, KENNETH C., Visiting Assistant Professor in the Digital Computer Laboratory, February 1-June 15, 1962, \$1,000 a month, supersedes (1-31-62).
- SMITH, NAT E., Assistant Professor of Medicine, February 1, 1962-August 31, 1963, and Assistant Dean of the College of Medicine, February 1-August 31, 1962, \$12,000 a year, supersedes (1-16-62).
- SOKKAR, THOURAYA A., Assistant in Anesthesiology, Department of Surgery (Medicine), seven months from December 1, 1961, without salary (1-2-62).
- STATTENFIELD, MRS. MERRIE J., Research Assistant in the State Water Survey, five months from February 1, 1962, \$450 a month (1-24-62).
- STOLTEY, MRS. MARGARET C., Assistant in English, November 8, 1961-January 31, 1962, \$444.44 a month, supersedes (1-24-62).
- TABIN, MORTON S., Clinical Instructor in Psychiatry (Medicine), ten months from November 1, 1961, without salary, supersedes (1-16-62).
- TITUS, THOMAS R., Instructor in the Institute of Aviation, seven months from February 1, 1962, \$7,900 a year, supersedes (1-29-62).
- TOMASCHKE, HARRY E., Research Associate in the Coordinated Science Laboratory (C), $\frac{3}{4}$ time, seven months from February 1, 1962, \$5,400 a year, supersedes (1-29-62).
- TSUJIOKA, BIEN, Research Associate in Psychology, $\frac{3}{4}$ time, nine months from December 1, 1961, \$4,500 a year, supersedes (1-2-62).
- TUCKWOOD, DWIGHT O., Research Assistant in the Illinois State Library Research Center (Graduate School of Library Science), five months from February 1, 1962, \$575 a month, supersedes (1-29-62).
- UNZICKER, JOHN D., Research Associate in the State Natural History Survey, $\frac{1}{2}$ time for four months from February 1, 1962, \$200 a month, and full time for three months from June 1, 1962, \$400 a month (1-16-62).
- WALKER, CRAYTON C., Research Assistant in Electrical Engineering (C), December 1, 1961-June 15, 1962, \$444.44 a month, supersedes (1-2-62).
- WIGGISHOFF, CYRIL C., Clinical Instructor in Urology, Department of Surgery (Medicine), eight months from January 1, 1962, without salary (1-16-62).
- WILLRICH, KARL L., Clinical Instructor in Psychiatry (Medicine), eleven months from October 1, 1961, without salary (1-2-62).
- WILSON, CHARLES A., Research Assistant in Soil Fertility (Agronomy) (S), seven months from February 1, 1962, \$5,600 a year, supersedes (1-24-62).
- WILSON, ROBERT G., Registered Pharmacist, Department of Hospital Pharmacy (Pharmacy), $\frac{3}{4}$ time, January 2-August 31, 1962, \$5,250 a year, supersedes (1-2-62).
- YAPP, WILLIAM W., Professor of Dairy Science (C and S), $\frac{1}{2}$ time, six months from March 1, 1962, \$4,656 a year (1-2-62).
- ZINKY, FRANKLIN A., Assistant in the Institute of Aviation, February 1-June 15, 1962, \$450 a month (1-2-62).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- ALEXANDER, C. S., Fellow in Geography, three months from June 16, 1962, \$900 (1-16-62).

- BAER, ERIC, Fellow in Chemical Engineering, three months from June 16, 1962, \$900 (1-16-62).
- BATEMAN, JOHN J., Fellow in the Classics, three months from June 16, 1962, \$900 (1-16-62).
- BECKER, JOSEPH, Fellow in Psychology, three months from June 16, 1962, \$900 (1-16-62).
- BERRY, LLOYD E., Fellow in English, three months from June 16, 1962, \$900 (1-16-62).
- BOCK, WALTER J., Fellow in Zoology, three months from June 16, 1962, \$900 (1-16-62).
- BROWNING, EDWARD T., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), eight months from January 1, 1962, \$1,466.72 (12-14-61).
- BRUMLEY, LYLE, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), six months from January 1, 1962, \$1,149.96 (12-29-61).
- CIZEVSKA, TATJANA, Fellow in Russian, three months from June 16, 1962, \$900 (1-16-62).
- DAY, NORMAN D., Fellow in Architecture, three months from June 16, 1962, \$900 (1-16-62).
- DEMAR, ROBERT E., Fellow in the Division of Physical Sciences (Geology), three months from June 16, 1962, \$900 (1-16-62).
- DONOVAN, WILLIAM P., Fellow in the Classics, three months from June 16, 1962, \$900 (1-16-62).
- DOWD, JOHN M., United States Public Health Service Fellow (Trainee) in Medicine and Infectious Diseases (Chicago Professional Colleges), nine months from October 1, 1961, \$4,124.97, supersedes (12-21-61).
- FREDRICKSON, L. THOMAS, Fellow in Music, three months from June 16, 1962, \$900 (1-16-62).
- GLADER, BERTIL E., United States Public Health Service Fellow (Trainee) in Physiology (Chicago Professional Colleges), six months from January 1, 1962, \$1,151.28 (12-20-61).
- GLENN, NORVAL, Fellow in Sociology, three months from June 16, 1962, \$900 (1-16-62).
- GOLEMBIEWSKI, ROBERT, Fellow in Management, three months from June 16, 1962, \$900 (1-16-62).
- GRIEST, GUINEVERE L., Fellow in the Division of Humanities (English), three months from June 16, 1962, \$900 (1-16-62).
- GROSSMANN, R. S., Fellow in Philosophy, three months from June 16, 1962, \$900 (1-16-62).
- HAAN, ROBERT L., Fellow in History, three months from June 16, 1962, \$900 (1-16-62).
- HAYAKAWA, ICHIYA, Fellow in Civil Engineering, three months from June 16, 1962, \$900 (1-16-62).
- HENNESSEY, JAMES J., Fellow in Art, three months from June 16, 1962, \$900 (1-16-62).
- HOLQUIST, MRS. LYDIA L., Office of Vocational Rehabilitation Fellow (Trainee) in Speech, February 1-June 15, 1962, \$1,200 (2-2-62).
- HOUGH, JERRY F., Fellow in Political Science, three months from June 16, 1962, \$900 (1-16-62).
- KANSKY, ROBERT J., National Science Foundation Mathematics Institute Fellow in Mathematics, September 1, 1961-June 15, 1962, \$3,300, supersedes (1-24-62).
- KAPLAN, HERBERT H., Fellow in History, three months from June 16, 1962, \$900 (1-16-62).
- KOHLMEYER, FREDERICK, Fellow in Economics, three months from June 16, 1962, \$900 (1-16-62).
- LATHRAP, DONALD W., Fellow in Anthropology, three months from June 16, 1962, \$900 (1-16-62).
- LEE, DONALD J., United States Public Health Fellow (Trainee) in Animal Science, nine months from December 1, 1961, \$1,875 (12-19-61).
- LIPMAN, VIVIAN C., Fellow in the Division of Social Sciences (Psychology), three months from June 16, 1962, \$900 (1-16-62).

- LYNEN, JOHN F., Fellow in English, three months from June 16, 1962, \$900 (1-16-62).
- MAJOROWICZ, ROGER L., Fellow in Art, three months from June 16, 1962, \$900 (1-16-62).
- MANKIN, PAUL A., Fellow in French, three months from June 16, 1962, \$900 (1-16-62).
- MARTIN, DUNCAN W., United States Public Health Service Fellow (Trainee) in Physiology, seven months from February 1, 1962, \$1,555.12 (1-19-62).
- MCGEHEE, NAN E., Fellow in the Division of Social Sciences, three months from June 16, 1962, \$900 (1-16-62).
- MILLER, DWIGHT C., Fellow in Art, three months from June 16, 1962, \$900 (1-16-62).
- MILLER, MARILYN T., United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1962, \$1,670 (1-9-62).
- MILOSH, JOSEPH E., JR., Fellow in English, February 1-June 15, 1962, \$750 (12-22-61).
- MOSIMANN, ELLA B., Office of Vocational Rehabilitation Fellow (Trainee) in Education, February 1-June 15, 1962, \$900 (1-8-62).
- PAOLILLO, DOMINICK J., JR., Fellow in Botany, three months from June 16, 1962, \$900; this is in addition to his appointment as Assistant Professor of Botany; (1-16-62).
- PAULSON, RONALD H., Fellow in English, three months from June 16, 1962, \$900 (1-16-62).
- RESEK, ROBERT W., Fellow in Economics, three months from June 16, 1962, \$900 (1-16-62).
- REYNOLDS, HARRY A., United States Public Health Service Fellow (Trainee) in Veterinary Medicine, one year from February 1, 1962, \$5,300 (1-17-62).
- ROSENBLATE, HOWARD, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one month from September 1, 1961, \$60 (1-9-62).
- SARNAT, MARLENE, United States Public Health Service Fellow (Trainee) in Biological Chemistry (Chicago Professional Colleges), six months from January 1, 1962, \$2,300 (2-5-62).
- SHANER, G. DAVID, Fellow in Art, three months from June 16, 1962, \$900 (1-16-62).
- SHUGRUE, MICHAEL F., Fellow in English, three months from June 16, 1962, \$900 (1-16-62).
- SHUPP, FRANKLIN R., Fellow in Economics, three months from June 16, 1962, \$900 (1-16-62).
- SMITH, STANLEY G., Fellow in Chemistry, three months from June 16, 1962, \$900 (1-16-62).
- SPEECE, RICHARD E., Fellow in Civil Engineering, three months from June 16, 1962, \$900 (1-16-62).
- STEPHAN, PHILIP H., Fellow in French, three months from June 16, 1962, \$900 (1-16-62).
- WEISS, SAMUEL A., Fellow in the Division of Humanities (English), three months from June 16, 1962, \$900 (1-16-62).
- WOODFIN, BEULAH, United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1961, \$2,200 (1-23-62).

CANCELLATIONS AND RESIGNATIONS

- BAKER, LOUID W., Assistant in Physical Education for Men — resignation effective February 1, 1962.
- BOBIS, JAMES P., Instructor in Electrical Engineering — resignation effective March 1, 1962.
- CARMIN, ROBERT L., Professor of Geography — resignation effective September 1, 1962.
- CHOW, CECILIA, Research Assistant in the Coordinated Science Laboratory — resignation effective January 1, 1962.
- EATHERLY, SCOTT C., Assistant in English — resignation effective February 1, 1962.
- FISHER, WALTER E., Research Associate in Civil Engineering — resignation effective January 9, 1962.

- GROSSMAN, MRS. SHEILA S., Registered Pharmacist in Hospital Pharmacy (Pharmacy) — resignation effective April 1, 1962.
- HENDRICKSON, MRS. ELIZABETH K., Fellow in Chemistry — resignation effective February 1, 1962.
- HIGHTOWER, BERNICE, National Institute of Mental Health Fellow (Trainee) in Social Work — resignation effective February 1, 1962.
- HOLMES, GEORGE A., Assistant Professor of Clinical Dentistry (Dentistry) — resignation effective January 1, 1962.
- KOORAJIAN, SAMUEL, Research Assistant in Biological Chemistry (Medicine) — resignation effective February 1, 1962.
- LEWIS, PHILIP H., JR., Associate Professor of Landscape Architecture, Department of City Planning and Landscape Architecture — resignation effective September 1, 1961.
- LIEB, KAREL F., Assistant and Research Assistant in Zoology — resignation effective December 1, 1961.
- LIPE, MRS. H. SUE, Assistant in Rural Recreation — resignation effective March 10, 1962.
- LYELL, JOHN S., Research Associate in Pedodontics (Dentistry) — resignation effective April 1, 1962.
- MAXEY, GEORGE B., Professor of Geology — resignation effective March 1, 1962.
- MERMALL, HUNTER L., Research Assistant in Preventive Medicine (Medicine) — resignation effective January 1, 1962.
- MEYER, FRANCIS A., Instructor in the Institute of Aviation — resignation effective February 1, 1962.
- MILOSH, JOSEPH E., JR., Assistant in English — resignation effective February 1, 1962.
- MUHLSCHEGEL, BERNARD A. F., Research Assistant Professor of Physics — resignation effective February 16, 1962.
- ORNE, DAVID, Instructor in Theoretical and Applied Mechanics — resignation effective March 1, 1962.
- PAGONES, MICHAEL J., Fellow in Electrical Engineering — resignation effective February 1, 1962.
- PATEL, ARVINDKUMER M., Fellow in Electrical Engineering — resignation effective February 1, 1962.
- PAWLAK, ZDZISTAW, Visiting Research Associate in the Digital Computer Laboratory — resignation effective September 16, 1961.
- REEVE, FRANKLIN D., Associate Professor of Russian — cancellation effective January 1, 1962.
- ROBERTS, DONALD D., Instructor in Chemistry (Physical Sciences) (Chicago Undergraduate Division) — resignation effective March 1, 1962.
- RUBENIS, MARY E., Research Assistant in Medicine (Medicine) — resignation effective February 7, 1962.
- SABINE, JOHN R., United States Public Health Service Fellow (Trainee) in Animal Science — resignation effective February 1, 1962.
- SCHWIEBERT, PHILIP D., Assistant in Theoretical and Applied Mechanics — resignation effective February 1, 1962.
- SUNDARESAN, P. R., Research Associate in the Radiocarbon Laboratory — resignation effective January 1, 1962.
- TASCHINI, PIER A., Research Associate in Medicine (Medicine) — resignation effective January 1, 1962.
- VICKERY, ROBERT S., Research Associate in the Radiocarbon Laboratory — resignation effective January 1, 1962.
- WALKER, DONALD L., JR., Teaching Fellow in Landscape Architecture — resignation effective February 1, 1962.
- WOLF, GEORGE, Associate Professor of Animal Nutrition in the Radiocarbon Laboratory — resignation effective March 1, 1962.
- WOLTERS, MRS. CAROL M., Office of Vocational Rehabilitation Fellow (Trainee) in Education — resignation effective December 1, 1961.
- WOODWORTH, G. WALTER, Fred S. Bailey Memorial Professor of Money, Banking, and Finance — resignation effective March 1, 1962.

LEAVES OF ABSENCE

- ANZALONE, CHARLENE B., Assistant in Physical Education for Women (Chicago Undergraduate Division) — leave of absence, without pay, during the academic

year 1961-62, for the purpose of doing graduate work at the State University of Iowa.

- CARMIN, ROBERT L., Professor of Geography—leave of absence, without pay, for the second semester of the academic year 1961-62, so that he may accept the position as Head of the Latin-American Studies Unit of the Language Development Section in the United States Office of Education, on a temporary basis.
- GUMMERSHEIMER, ERNST, Associate Farm Adviser in Washington County—leave of absence, with pay, on account of disability, for six months from October 9, 1961, or until such prior time as he is able to return to his University duties.
- HOLDERMAN, JAMES B., Assistant Professor in the Institute of Government and Public Affairs—leave of absence, without pay, from January 1 through April 15, 1962.
- HOLLON, GEORGE W., Associate Professor of Civil Engineering—leave of absence, without pay, for one year from September 1, 1962, subject to the condition that he informs the Head of his Department as to his future plans no later than March 1, 1963.
- HOOK, JULIUS N., Professor of English, and Counselor on the University Council on Teacher Education—leave of absence, without pay, for the second semester of the academic year 1961-62, so that he may accept a temporary assignment by the United States Office of Education as coordinator of Project English.
- JOHNSON, ARTHUR L., Instructor in Music—leave of absence, on account of disability, without pay, beginning December 1, 1961, and continuing to February 1, 1962.
- KRAUSZ, NORMAN G. P., Professor of Agricultural Law—leave of absence, without pay, beginning January 1, 1962, and continuing to April 30, 1962, to study water problems of the new republic of Cyprus and draft legislation for use, conservation, and control of water on this island.
- ROBERG, NORMAN B., Professor of Medicine, College of Medicine—disability leave, with full pay, from September 26, 1961, through April 25, 1962.
- STEWART, WILSON N., Counselor on University Council on Teacher Education, Professor of Botany, and Chairman of the Department—leave of absence, without pay, for the first semester of 1962-63, so that he may complete work on one aspect of the Biological Science Curriculum Study sponsored by the National Science Foundation through the American Institute of Biological Sciences.
- WEISE, ERWIN K., Associate Professor of Metallurgical Engineering—leave of absence, with pay, on account of disability, beginning November 26, 1961, and continuing through June 5, 1962, or until such prior time as he is able to return to his duties.
- WILF, HERBERT S., Assistant Professor of Mathematics—leave of absence, without pay, for six months from March 1, 1962, so that he may accept a visiting research appointment at the University of Pennsylvania.
- WILLIAMS, THOMAS H., Assistant Professor of Accountancy—leave of absence, without pay, beginning March 1, 1962, and continuing through August 31, 1963, or for as much of that period as may be required, for active military service.

CANCELLATION OF SABBATICAL LEAVE OF ABSENCE

- CARMIN, ROBERT L., Professor of Geography—sabbatical leave of absence cancelled for the second semester of the academic year 1961-62.

DEGREES CONFERRED IN FEBRUARY, 1962

The Secretary presented for record the degrees conferred as of February 12, 1962, on recommendation of the Urbana-Champaign Senate and by authority of the Board of Trustees.

Summary

Degrees in the Graduate College:

Doctor of Philosophy.....	115
Doctor of Education.....	4
Doctor of Musical Arts.....	1
Master of Arts.....	32
Master of Science.....	216

Master of Music.....	4
Master of Education.....	48
Master of Fine Arts.....	1
Master of Accounting Science.....	2
Master of Architecture.....	3
Master of Laws.....	1
Advanced Certificate in Education.....	5
Advance Certificate in Music Education.....	1
<i>Total, Graduate College.....</i>	<i>(433)</i>
Degrees in Law:	
Bachelor of Laws	11
Degrees in Veterinary Medicine:	
Bachelor of Science.....	5
Baccalaureate Degrees:	
Bachelor of Science, College of Agriculture.....	55
Bachelor of Science, College of Engineering.....	275
Bachelor of Arts, College of Liberal Arts and Sciences.....	111
Bachelor of Science, College of Liberal Arts and Sciences.....	62
Bachelor of Science, College of Education.....	59
Bachelor of Science, College of Commerce and Business Administration...	123
Bachelor of Science, College of Journalism and Communications.....	20
Bachelor of Architecture, College of Fine and Applied Arts.....	41
Bachelor of Fine Arts, College of Fine and Applied Arts.....	12
Bachelor of Music, College of Fine and Applied Arts.....	1
Bachelor of Science, College of Fine and Applied Arts.....	12
Bachelor of Science, College of Physical Education.....	27
Bachelor of Science, Division of Special Services for War Veterans.....	1
<i>Total, Baccalaureate Degrees.....</i>	<i>(815)</i>
<i>Total, Degrees Conferred.....</i>	<i>1,248</i>

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

BERNARD ANTHONY CODA, JR., B.S., Olivet Nazarene College, 1957; M.S., 1960
 BEN LAWRENCE FORBES, B.S., M.B.A., Louisiana State University, 1951, 1952

In Aeronautical Engineering

DONALD ROGER CHENOWETH, B.S., M.S., 1958, 1959
 PILLUTLA NARASIMHA MURTHY, B.Eng., Annanalai University, 1951; Diploma,
 Indian Institute of Science, 1953

In Agricultural Economics

KEITH GEORGE COWLING, B.S., University of London, 1958

In Agronomy

MATHAI KUNJU JOHN, B.S., University of Allahabad, 1953; M.S., Alabama Poly-
 technic Institute, 1956
 MAHESH NARAIN MISHRA, B.S., M.S., Agra University, 1955, 1957

In Animal Nutrition

JOHN ROBERT SABINE, A.B., A.M., University of Melbourne, 1957, 1959

In Animal Science

NELSON GAY, B.S., M.S., University of Kentucky, 1956, 1957

In Business

DONALD DEE CHRISTENSON, B.S., Municipal University of Wichita, 1955; M.S.,
 1958

In Chemical Engineering

LEMBIT UNO LILLEHT, B.Ch.E., University of Delaware, 1953; M.S.E., Princeton
 University, 1955

- LEO JOHN THOMAS, B.S., University of Minnesota, 1958; M.S., 1960
ALFREDO NICOLÁS USUBILLAGA, Chem.Engr., Escuela Politécnica Nacional (Ecuador), 1956; M.S., 1959
GORDON RAY YOUNGQUIST, B.S., University of Minnesota, 1958; M.S., 1960

In Chemistry

- JOHN MICHAEL BRAKE, B.S., University of Michigan, 1957
ROBERT PAUL CLARK, B.S., University of Michigan, 1957; M.S., 1959
DONALD EUGENE GWYNN, B.S., Ohio State University, 1957
JOHN ANTHONY HAEFNER, B.S., St. John Fisher College, 1958
ROBERT H. HOOK, B.S., M.S., Ohio State University, 1953, 1955
JOHN GRANT LARSON, B.S., Bradley University, 1955
DEVON WALTER MEEK, A.B., Berea College, 1958; M.S., 1960
GERALD RAY MILLER, B.S., University of Wisconsin, 1958; M.S., 1960
MARVIN LLOYD POUTSMA, A.B., Calvin College, 1958
HARRIS BURT RENFROE, JR., B.S., Mississippi State College, 1958
NEWTON DAVIS WERNER, B.S., University of California (Los Angeles), 1957; M.S., 1959

In Civil Engineering

- NED HAMILTON BURNS, B.S., M.S., University of Texas, 1954, 1958
ROBERT EDWARD CRAWFORD, B.S., University of Texas, 1949; M.S., California Institute of Technology, 1950
WALTER EARL FISHER, B.S., M.S., 1952, 1956
CHITTA RANJAN GANGOPADHYAY, B.Tech., M.Tech., Indian Institute of Technology, 1956, 1958; M.S., 1959
SHAMSHER PRAKASH, B.Eng., Diploma, Roorkee University, 1954, 1959; M.S., 1961
WALLACE SAMUEL PRESCOTT, B.S., Tennessee Polytechnic Institute, 1946; M.S., University of Tennessee, 1952
STANLEY THEODORE ROLFE, B.S., M.S., 1956, 1958
VIPPERLA BULLI VENKAYYA, B.S., Andhra University, 1953; B.Tech., Indian Institute of Technology, 1956; M.S., University of Missouri, 1959
RICHARD NEWPORT WRIGHT III, B.C.E., M.C.E., Syracuse University, 1953, 1955

In Communications

- HOWARD MARK BOBREN, A.B., M.B.A., University of Chicago, 1951, 1954

In Dairy Science

- FRANK NORRIS DICKINSON, B.S., University of Massachusetts, 1953; M.S., 1958

In Economics

- DONALD WILLIAM LOEWECKE, A.B., Roosevelt University, 1954; A.M., 1955
JOHN HENRY WICKS, A.B., University of South Dakota, 1957; A.M., 1961

In Education

- THOMAS EDWIN RICKARD, A.B., LL.B., University of California (Berkeley), 1948, 1951; Ed.M., University of Missouri, 1959 (doctorate awarded posthumously)
MIGUEL ANGEL RIESTRA, A.B., University of Puerto Rico, 1959; Ed.M., 1959
BERNICE LUCY SAMALONIS, B.S., Northern Illinois University, 1950; A.M., Northwestern University, 1954
TENNALUR VENGARA IYENGAR SATHYAMURTHY, B.S., M.S., Banaras Hindu University, 1947, 1949
WILLIAM JOHN TISDALL, B.S., M.S., 1956, 1959

In Electrical Engineering

- YUMIN FU, B.S., National Taiwan University, 1955; M.S., 1960
HITENDRA NATH GHOSH, B.Tech., Indian Institute of Technology, 1959; M.S., 1959
EDWIN CHANNING JONES, JR., B.S., West Virginia University, 1955; D.I.C., Imperial College of London University, 1956
CHRISTOPHER POTTLE, B.Eng., Yale University, 1953; M.S., 1958
SUNKARA NAGESWARA RAO, B.Eng., University of Madras, 1957; M.S., 1959
BELLE ANANTHA SHENOI, B.S., University of Madras, 1951; M.S., 1958
ROBERT STERLING SMITH, B.S., Rose Polytechnic Institute, 1949; M.S., 1951

MANDYAM DHATI SRINATH, B.S., University of Mysore, 1954; Diploma, Indian Institute of Science, 1958; M.S., 1959
RICHARD EARL TOEPFER, JR., B.S., M.S., 1956, 1957
JOSEPH WEI FONG YE, Elect.Engr., Aurora University (Shanghai), 1948; Ingenieur Radio Tech., University of Grenoble, 1953; M.S., 1957

In English

GEORGE VINCENT GOODIN, B.S., Marquette University, 1952; A.M., 1956
REGINALD ANTHONY SANER, B.S., St. Norbert College, 1950; A.M., 1954
RACHEL STANFIELD VAN PELT, A.B., A.M., 1943, 1952

In Entomology

JAI KRISHEN NAYAR, B.S.(Hon.), M.S., University of Delhi, 1954, 1956
ZENAS BARNARD NOON, JR., B.S., M.S., University of Arizona, 1956, 1957
ROBERT DALE PAUSCH, B.S., M.S., 1956, 1959

In Finance

CHARLES ANTHONY D'AMBROSIO, B.S., Loyola University, 1955; M.S., 1958

In Food Technology

LYLE ALLEN, B.S., California State Polytechnic College, 1952; M.S., 1958
WEI HWA LEE, B.S., Cornell University, 1954; M.S., 1956

In Geography

JOSEPH ANTHONY FEKETE, A.B., Baldwin-Wallace College, 1952; A.M., Miami University, 1954
ARMIN KONRAD LUDWIG, B.S., Ball State College, 1952; A.M., Michigan State University, 1954

In Geology

GROVER HARRY EMRICH, B.S., Franklin and Marshall College, 1952; M.S., Florida State University, 1957
GEORGE MUGGAH HUGHES, B.S., M.S., University of Alberta, 1951, 1959
WALTER EDWARD PARHAM, B.S., M.S., 1956, 1958
ELLIOTT ARTHUR RIGGS, B.S., M.S., University of Wisconsin, 1951, 1953; M.S., 1961
PAUL ROBERT SEABER, B.S., Franklin and Marshall College, 1954; M.S., University of Rochester, 1957
ROBERT TOBIN SIMMONDS, B.S., Columbia University, 1954; M.S., Syracuse University, 1959

In History

JOHN LESLIE TEVEBAUGH, A.B., A.M., 1950, 1952

In Horticulture

NAJATI SALEH GHOSHEH, B.S., M.S., Kansas State University, 1955, 1956

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GERALD EARL BROWN, B.S., 1958

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Degree of Master of Architecture

HWEI-SZE CHEN, B.S., Taiwan Provincial Cheng Kung University, 1957

ANTHONY NELSON JOHNS, JR., B.S., Hampton Institute, 1955; B.Arch., 1961

TEN-PI TSAI, B.S., Taiwan Provincial Cheng Kung University, 1953

CHING-I WEI, B.S., Taiwan College of Engineering, 1954

Degree of Master of Laws

GEORGE DURHAM BROWN, A.B., LL.B., Baylor University, 1954, 1955

Advanced Certificate*In Education*

WILLIAM EUGENE DICKSON, B.S., M.S., Illinois State Normal University, 1954, 1957

DONNA JEAN HOLZHAUER, A.B., Greenville College, 1957; A.M., 1958

WILBERN McMURRAY, B.Ed., Southern Illinois University, 1934; M.S., 1943

CORNELIUS LEE REYNOLDS, A.B., Philander Smith College, 1951; M.S., Indiana University, 1960

CHAROIS JEWELL TURNER, B.S., Eastern Illinois University, 1952; Ed.M., 1959

In Music Education

LEON LOVEJOY ADAMS, JR., B.S., Tennessee Agricultural and Industrial State University, 1957; M.S., 1960

COLLEGE OF AGRICULTURE**Degree of Bachelor of Science***In Agriculture*

JAMES LLOYD ANDERSON

DAVID W. CLOSE

DONALD EUGENE DAHLSTROM

DONALD DEMKO

LYLE KEITH JOHNSON, Honors

GEORGE EZEKIEL KERR

TIMOTHY GEORGE LOHMAN

GEORGE AITKEN LUTZ

MICHAEL ALAN MALLOY

DAVID JOHN MCGINTY

RONALD DAVID MCKEE

PETER JON MIHAJLOV

CHARLES FREDERIC MUND

FORREST MARVIN PAXTON, JR.

WILLIAM FRANK PAYNE, JR.

JAMES LESTER RUSSELL

LOWELL JOHN SCHROEDER

MAX DEE SINKLER

JEROME SKUBA

DALE THOMAS SMITH

WILLIAM JAMES SPAULDING

LIONEL SHELBOURN STIRRETT

CLIFFORD RALPH THOMAS

ROBERT WALTER WEBB

ROBERT LEE WILLIAMSON

ROBERT HARRY YOUNG

In Dairy Technology

SCOTT ENLOE SEIBERT

In Floriculture

JOHN DENNIS HELD

In Floriculture and Ornamental Horticulture

ROBERT JOHN ARMSTRONG

JOSEPH ALBERT HALASZ

JOSEPH GEORGE LESHYN

ELMER GERALD RIECK

EDWARD LAW ROSE

In Food Technology

EDMUND JOSEPH PYRZ

In Forestry

ROBERT BAILEY BURTON, Honors
STEPHEN WAYNE CAWELTI
DALE JOHN DUFOUR
ROBERT LOUIS FOISY, JR.

JEROLD THOMAS HAHN
FRANK MORTON MORRELL
JOE LEWIS NEWCOMB

In Home Economics

MARILIN JEAN WATKINS BROWN
FRANCYNE DAWN LEONTIOS DIEDRICH
ANN FREDERIC JONES, Honors
EVELYN JACKSON LIEBERMAN
MARY JEAN PISANI

CAROL JEAN BANTZ REINHART
SANDRA LEE SPITZER
JUDITH LOUISE ST. CLAIR
JEAN HELEN WOOLLEY
VIRGINIA LOUISE DODGE YORK

In Home Economics Education

KATHERINE MARIE RADER BADER
JUDITH JANE BEASON

FLORENCE ELAINE GEGEL

In Restaurant Management

HARVEY LOUIS COLE

COLLEGE OF ENGINEERING**Degree of Bachelor of Science***In Aeronautical Engineering*

ETTORE CARLO ANDREANI
ROBERT LEE BROWN
CHUEN-CHENG CHEN, Honors
JAMES LOUIS CLAUSON
ROGER ALLEN CRAWFORD
WILLIAM LEWIS EPPERSON
ROBERT EDWIN FENNELL
EDWARD JAMES FORD, JR.
HARRY FRANK
EDD LEIGHMAN GHENT
LEE MERVIN HARPER
JERRY GAY JAMIESON
BRUCE EUGENE KNUDSEN

THOMAS JAMES MCDANIEL, Honors
MARION ROBERT PASIERBOWICZ
RICHARD GEORGE PETTER
LAYNE CLINDEN RAY
ALAN LEE SATORIUS
JERRY LEE SEABAUGH
PAUL DORRANCE SONES, Honors
WILLIAM VELJOVICH
THEODORE VICKLUND, JR.
HAROLD BROWN WITT
LAWRENCE MICHAEL WOLF
REGINALD DAVID YEATMAN

In Agricultural Engineering

JOHN WALTER LUXTON
LYLE SAMUEL MARTIN
ROBERT WILDER MARTIN

GARY LEE STAHL, Honors
ROLLIN DEAN STROHMAN, Honors

In Ceramic Engineering

KENNETH ARTHUR BIEK
STEVEN CLYDE COLBURN
DARIUSH SHADMAN

ROBERT JOHN SMID
WILLIAM TODD WITTMAN

In Civil Engineering

MOHAMAD SIHAM RASHAD ADRA
DEWAYNE ALLEN
JOHN HENRY ANDERSON
BRUCE BARKER
STANLEY HUGHES BENNETT
WAYNE ANTHONY BLACKARD
ROBERT ALLEN BLOECHLE
JOHN HENRY BRATZLER, Honors
RONALD KEITH BREWER
BING CHEE CHIN
ROBERT MALLORIE COLEMAN
JOSEPH JOHN DACANAY
RONALD ARTHUR DENEAU
CARROLL THOMAS DUNN
JAMES RUSSELL ELLIOTT

JAMES RANDALL ENOS
KENNETH LEROY FIGGE
ALVARO GAMBOA VILLEGAS
JOHN THOMAS GANNON
PAUL PETER GOLASZEWSKI
ROBERT EDWIN HANSEN
LARRY GENE HOBSON
RICHARD DALE HUDSON
ROY ALFRED IMBSEN
RALPH EDWARD JACOBS
WENDELL EARL JELM
THEODORE DALE JOHNSON
ROBERT WILLIAM JONES
ALBERT RAY KLEIST
LAWRENCE ALFRED LIPE

DARRELL GEORGE LOHMEIER
 STEPHEN JOSEPH MADDEN III
 SALVATORE FRANCIS MADONIA
 THOMAS EDGAR MCKNIGHT
 ROBERT STUART MCLEOD
 JOSEPH ANGELO MORRONE
 HANS OHLSON
 JERRY FRANK PAROLA
 RONALD LEIGH PETERSON
 KENNETH VERNON RODDA
 EDWARD JEROME RUZAK
 JAMES RONALD SALLEY, Highest
 Honors

STEPHEN HAROLD SCHAEFER
 SURESH DAYABHAI SHROFF
 BUAN BASKEL SMITH, JR.
 RICHARD ALVIN STAFFORD
 JOHN FRANK SUWADA
 GEORGE JOHN THOMPSON
 JOHN ARTHUR TREMORE
 ONDER UZUN
 MITCHELL BARRY WEISS
 JAN F. WILKINSON

In Electrical Engineering

ROGER EUGENE BANNING
 EDWARD LORENZO BASS
 CHARLES WILLIAM BEERLING
 KENT MARCH BLACK
 JACK EUGENE BLOODWORTH
 WALDEMAR WALTER BOROWSKY
 MERLE BRYAN BROWN
 THOMAS WARREN BURDIN
 ANTHONY PETER COLANGELO
 CLARENCE ALFRED CRAGER, JR.
 RAYMOND RUSSELL CRUM
 DAVID LYNN CUNNINGHAM
 EDMUND BURKE DALY
 BENNY LYNN DAWDY
 DANIEL LEE DECKER
 CLAUDE JOHN DRONG
 ROBERT MARK DUNBAR
 ALLEN LEON EDWARDS
 LARRY LEE FEURER
 BERNARD JOHN FLAHERTY, Honors
 THOMAS ALLEN FOURNIE
 RONALD GEORGE FRAZIER
 RONALD CHARLES GARAVALLA, Honors
 NICHOLAS LOUIS GEOGRAPHOS
 DAVID JOSEPH GRONOWSKI
 ROBERT THOMAS GROSS
 DENNIS CALVIN HALL, High Honors
 JOHN DEE HATCHETT
 CLIFFORD HARLEY HIGGERSON
 RICHARD LEE HOBBS
 JAMES DAVID HOLLOWAY
 FRANK EDWARD HOWARD
 EDWARD ADAM JERAWSKI
 KENNETH ANDREW JESIOLOWSKI
 DONALD ALOYSIUS KASNAK
 FRANK LEO KEOUGH
 KEITH EUGENE KIDWELL
 EDMUND ERNST KILGA
 JAMES EDWARD KING
 RONALD LLOYD KLEIN
 WILLIAM CARL KRAN
 EDWIN DALE KUHR
 JOSEPH STANISLAUS KULPA, Jr.
 REIN RAYMOND LAANE
 WING CHIU LEUNG

LARRY DEAN LUSZ
 HOWARD WILLIAM MCCARTHY
 LESTER JOHN MOSER
 GLENN DALE MUCKEY
 FREDERICK SIMON MYSLIWIEC
 RONALD GENE O'CONNOR
 PERRY CHARLES OLSEN
 MAUNG TUN OO
 CARL HENRY ORNER
 BERNARD JOHN PEPPING
 DAGOBERTO PEREZ
 WENDELL PRINCETON PERKINS
 MARINOS GEORGE PETROPOULOS
 HAROLD ISAAC PITTS
 DANIEL MICHAEL PRINTZ
 PRESTON LEE RANSOM
 CARL PETER REINERS
 MARION LAMOINE REINHARDT
 LAWRENCE BEN RESIDORI
 ROBERT NEIL RICHERT
 RICHARD ALAN ROBITAILLE
 JAMES FRANK RUEHL
 ROBERT LEWIS RUSSELL
 JOHN BENJAMIN RYAN
 ANTHONY VYTAUTAS SAKALYS
 THOMAS PAUL SCHROEDER
 WILLIAM LEWIS SEBRING
 ALLEN LUTHER SHORT
 JOHN LUCIAN SPELLMAN
 FRANK JOHN STADLER
 ROY STEPHEN SYLER, High Honors
 JOSEPH ELMER TARR, JR.
 BANG-YI TING
 ROBERT CHARLES TRENDLER
 JOHN PETER TRINKO
 ROBERT LAWRENCE VOGLER, High
 Honors
 THIEN CONG VU
 HARMON GRADY WASHINGTON
 RICHARD MICHAEL WHITE, High
 Honors
 ROBERT REYNOLDS WILDE, Honors
 ALBERT TERRANCE WILLIAMS
 DONALD DEAN WILSON
 JAMES LEE WOOLDRIDGE

In Engineering Mechanics

RICHARD CARY CODDINGTON

JOHN HENRY HEMANN

In Engineering Physics

CHARLES EDWARD CAMPBELL	JOHN PHILIP KUTZ
ROBERT MAHLON CASON	WILLIAM DENNIS PEARSON, JR.
DAN JOHN DANNENFELDT	ROBERT JOSEPH PFEIFER, High Honors
WILLIAM ALBERT DeLORME	KIN SEIN
RONALD HART DURRETT	RAMADAN ISSA SHA'AFI
EARL ROBERT FRANKLIN	NORRIS WAYNE TIDWELL
BRIAN CHARLES KOLETO, High Honors	

In General Engineering

DONALD JAMES BADER, Honors	DONALD ROBERT MILLER
CHARLES MARION CHEFFER	ARNO RHODES MYERS, JR.
EMORY JACK GEORGE	GERALD EDWARD PAM
LYLE DEAN GERDES, Honors	DOUGLAS WALTER PIHL
ELWYN FRANK HENNING	JEFFERY HARRISON ROSKI
RICHARD TAKAICHI IWAI	PHILIP OLA SCHEMMEL
DEAN ARTHUR JACKSON	DENNIS LEE STEINBACH
ALBERT WILLIAM LANDECK	JOHN MORRIS TASCHER
ALAN EDWARD MILLER	

In Industrial Engineering

GENE FREDRICK AHLQUIST	MATTHEW RICHARD McMANUS
ROBERT JAMES COLTER	JAMES FRANK SPETA
RAYMOND PETER COSYN	RICHARD KENJI SUGITA
ALAN GRUBMAN	ROBERT EDGAR UHRIG
HARVEY RICHARD KULIN	

In Mechanical Engineering

ROBERT GENE ADEN	DANIEL LAWRENCE KOWIESKI
SHELDON HERBERT ALTMAN	LAWRENCE LEANDER LABUDA
DENNIS ROGER ASH	LOYD LOUIS LEHN
BILL GENE BARNETT	JERRY NEILL MASON
LOUIS JOHN BERGANDI	BRUCE HENRY MAURITZSON
HARRY DUDLEY BRATTIN	WILLIAM FRANCIS McCORMICK
NORMAN LEE BROWNING	GERALD ALLEN MELLINGER
CHARLES WILLIAM BUCKLAR, JR.	MICHAEL PATRICK MORIARTY
ROGER BUDD, JR.	JAMES LOWELL MORR
ROSS J. BUNTING	PATRICK JOSEPH MURPHY
BYRCE WILLIAM CARUS	RALPH GERALD NEDBAL
ALLEN ROBERT CIESIEL	BRUCE TODD PFEIFFER
DALE JERRY DVORAK	ROBERT HARRY PRESCOTT
CARL SIGVARD ECKBERG	CLARENCE PAUL REDINGTON
PAUL ALFRED EVANS	JAMES ARTHUR RISSE
HENRY HERMAN FLOCK	EDWARD JOHN SIENICKI
ALBERT JACOB GOPIN	JOEL SLUTZKY
WILLIAM EVERMANN GREENSHIELDS	ARTHUR MITCHELL SMALL
MYRON ROBERT GROSS	KYIN SOE
WARD CLARK HARRIS	EDWARD JOSEPH VASS
BOBBY LAWRENCE HARTLEROAD	ABRAHAM MOSHE VIGODA
FLOYD CORLISS HAYES	KLAUS JUERGEN WEINMANN
LARS EMIL HENRIKSEN, JR.	ROYCE ALAN WEST
FREDRIC LEE HUGHES	CHARLES ELTON WHITMAN
GERALD DEAN JONES	ROBERT McCORMICK YOUNG, JR.
KENNETH KARL KOHRS	

In Metallurgical Engineering

JOHN DAVID EWING	RONALD GENE LINGWALL
GLENN RICHARD GOETSCH	VONNE DUANE LINSE
JOHN EDWARD HIGGINS	ROBERT HENRY WITTMAN

In Mining Engineering

FREDERICK BENEDICT MAYERS	WILLIAM ARTHUR SCHMIEGELT
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COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

- CHRISTINA VON HULPERSHAUSEN
ABDELLA, Honors in Liberal
Arts and Sciences with High
Distinction in French
- HARLAN WILLIAM BACUS
MICHAEL DALE BAYLES, Honors in Lib-
eral Arts and Sciences with High
Distinction in Philosophy
- GERALDINE MARIE BERMAN, Honors in
Liberal Arts and Sciences with
Distinction in French
- MARY JEANETTE BRADFORD
KENNETH ALBERT BRAYFORD
MARY HUDSON BRICKEY, Honors in
Liberal Arts and Sciences
- LELIA MAY CANN
ALAN REMINGTON CARLSON, Honors in
Liberal Arts and Sciences with
High Distinction in Political Sci-
ence
- JAMES DANIEL CLEGHORN
WILLIAM RIPLEY CLINTON, Honors in
Liberal Arts and Sciences with
Distinction in German
- RICHARD CARY CODDINGTON
DAVID MAURICE COHEN, Honors in Lib-
eral Arts and Sciences with Dis-
tinction in Philosophy
- GERALD ANTHONY COOLSEN
RICHARD LEE COURTNEY
ARLEEN MALKIN COWAN
THEODORE JOSEPH CRACKEL
HARRY LEE CRAMER III
JOAN DAVIS
JOSEPH PATRICK DAY
PHILIP WAYNE DEMMIN, Honors in
Liberal Arts and Sciences
- DENNIS MICHAEL DENNY
JOHN WILLIAM DEWEES
KATHLEEN MARY DE YOUNG, Honors
in Liberal Arts and Sciences
- MARCY SCHLESINGER FENNER
KENNETH FREERKSEN
GAIL WALDMAN GANS
CAROL LEE GEERLINGS, Honors in Lib-
eral Arts and Sciences
- WALTER LAMONT GILMORE, JR.
JOHN LAWRENCE GRABBE
JAMES LOUIS HAFELE, Honors in Lib-
eral Arts and Sciences
- WILLIAM RICHARD HAGEDORN
PHILIP BARKMAN HASKELL, JR.
NANCY EMMA HEGENER
MARTIN HOWARD HESS
GEORGE LOWELL HILL
EILEEN HOFFMAN, Honors in Liberal
Arts and Sciences with Distinction
in Spanish
- THOMAS ADRIAN HOLTERHAUS
JOHN CLARENCE JAMIESON
ALEXANDRE JANKOWSKY
IRMGARD JOCHUM, Honors in Liberal
Arts and Sciences with Distinction
in German
- THOMAS ANGLIN JOYCE
KATHLEEN JOANN KAPELLAS
ALAN FREDERICK KAUR
BRUCE MARION KELLEY
JACK GILBERT KLUG
HOWARD ARNOLD KOSOVSKY, Honors in
Liberal Arts and Sciences
- WILLIAM JOHN LUNDELL
KENNETH GLENN MADISON, Honors in
Liberal Arts and Sciences with
Distinction in History
- PHYLLIS JEAN MARLOW
MARGARET OLIVIA MARTINEZ
ZAY ELIZABETH MCCOLL
FRANCES NORA MEINDERS
CHARLES ANTOINE MILLER
LORNA ESTELLE MUEGGENBORG, Honors
in Liberal Arts and Sciences
- JOHN CHRISTOPHER MULGREW
MARTHA MULLIKEN
JOAN ELLEN NEET
JOSEPH EUGENE OBERTO
PATRICIA JOAN O'BRIEN
PATRICK DAVID PERSAUD, Honors in
Liberal Arts and Sciences
- WILLIAM BARSLEY PIKE
PETER FOWLER-HOPKINS PRIEST
DAVID DAY RADEMACHER
HENRY ROSEMONT, JR., Honors in Lib-
eral Arts and Sciences with Dis-
tinction in History and High
Distinction in Philosophy
- MARGIE SCHAEFER, Honors in Liberal
Arts and Sciences with Distinction
in English
- ARNOLD JOEL SCHNEIDER
STUART PHILLIP SHAPIRO
JOHN CARL SKRODER
WILLIAM PATRICK SLATTERY
WILLIAM STRASSER
SALVATORE ROSARIO STRAZZANTE
RITA MAE SWANSON
CHARLOTTE RAY TATE
PATRICIA STENVICK VICKERS
STEPHANIE STIEFEL WALDBAUER
RICHARD ALAN WALDMAN
JOHN CARL WEINMAN
MELVYN GEORGE WEISSMAN
JOHN HOWARD WILLIAMS
PATRICIA JEAN WILSON
KENNETH BERNELL WURZBURGER

In the Teaching of English

- | | |
|---|---|
| ROBERTA ELLEN ABELL | BARBARA SUE GORDON |
| JEANNE IRIS BLUME, Honors in Liberal Arts and Sciences | CAROLYN SUE HALL |
| HELEN RODEMER CODDINGTON, Honors in Liberal Arts and Sciences | WILLIAM HAROLD KINKADE |
| RICHARD JEWELL DALCHE, Honors in Liberal Arts and Sciences | ROY COADY MARKS |
| ANNE MARIE FERRELL | JULIE GILBERT MCGUIRE |
| | LEAH MEYER |
| | MARY KAY CLARE O'GRADY, Honors in Liberal Arts and Sciences |

In the Teaching of French

- | | |
|--|---|
| ANNABEL VOGT ALLEN | DONNA OFFENBACKER OHLSON, Honors in Liberal Arts and Sciences |
| ADA JEAN BROVERMAN, Honors in Liberal Arts and Sciences with Distinction in the Curriculum | |
| ARLENE SUSAN BYMAN, Honors in Liberal Arts and Sciences with Distinction in the Curriculum | |

In the Teaching of German

- | | |
|---|--|
| MARY BARBARA ACKLAND, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum | WILHELM DOMINIKUS ECK |
| EDWARD LEE ALLEN | RUDOLF HERMANN SZILLAT, Honors in Liberal Arts and Sciences with Distinction in the Curriculum |

In the Teaching of Latin

- MARY JILL MUSSELMAN, Honors in Liberal Arts and Sciences

In the Teaching of Social Studies

- | | |
|--|---|
| HAROLD COLEMAN | MARY ANN SCHIEMER |
| GAIL EVE GARVEY | EKKEHARD-TEJA PETER WILKE, Honors in Liberal Arts and Sciences with Distinction in the Curriculum |
| ADIE RUTH GORBACH, Honors in Liberal Arts and Sciences | |
| MARY ANN HAUN, Honors in Liberal Arts and Sciences | |

In the Teaching of Spanish

- WARREN LOUIS BRICKNER
RUTH HANNAH HEXDALL, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

Degree of Bachelor of Science*In Chemical Engineering*

- | | |
|---|--|
| CARL FRANK ABEGG | MICHAEL EDWARD O'LAUGHLIN |
| RONALD LORNE ELLERBECK | KURT LEOPOLD SCHOENRADE |
| HUGH SCOTT FOGLER, Honors in Liberal Arts and Sciences with Distinction in the Curriculum | CLIFFORD WILLIAM SCHWARTZ |
| DONALD LEE JOHNSON | ERNEST ALAN UEBLER, Honors in Liberal Arts and Sciences with Distinction in the Curriculum |

In Chemistry

- | | |
|---|--|
| ROBERT JAMES ANDERSON | FREDERICK ANTON ROSE, Honors in Liberal Arts and Sciences with Distinction in the Curriculum |
| RICHARD EDWIN BROWN | |
| WILLIAM COLILLA | |
| PERH YOC HUI, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum | |

In Home Economics

- PRISCILLA FETT MITCHELL

In Liberal Arts and Sciences

- | | |
|--|--|
| RUSSELL ERNEST BAER, JR. | JIMMY DALE MEADOR |
| BRADLEY DUANE BRAHY | HELEN ROSE NIECIKOWSKI |
| ROBERT JOHN CLARK, Honors in Liberal Arts and Sciences | GERALD JOSEPH OBERNDORFER |
| JAMES DWIGHT COLLEEN | JOSEPH REED PORTER, JR. |
| BARBARA ELLEN EVERS | JAMES BURTON RADEN, Honors in Liberal Arts and Sciences |
| CARY MICHAEL FELDMAN, Honors in Liberal Arts and Sciences | JOSEPH JOHN REMBUSCH |
| RONALD MOORE FOSKETT | JOEL WILLIAM ROBBIN, Honors in Liberal Arts and Sciences with Highest Distinction in Mathematics |
| ALICE GILMAN, Honors in Liberal Arts and Sciences | EDUARDO RODRIGUEZ |
| MARTINA BASILIO GOLD | WILBUR KIRKWOOD ROSENKRANZ, Honors in Liberal Arts and Sciences |
| GARY GREENBERG | PETER ANTHONY RUBIS |
| ROBERT WILLIAM JUGENHEIMER, JR. | CHRISTINE IRENE RYCHLINSKI |
| KIRK RANDALL KENNEDY | ALI SALHI |
| BONNIE RAE KERRIGAN, Honors in Liberal Arts and Sciences | ROBERT GERALD STEIN |
| TOSHIKO KOIDE, Honors in Liberal Arts and Sciences | SIDNEY STRAUSS |
| KARL RICHARD KRAUSS | JOHN DUANE UNZICKER |
| RUTA KVIKLYS | VIRGINIA ANN VALONIS |
| JOSEPH JOHN LAGIOIA, JR. | GEORGIA MAE WEMHANER, Honors in Liberal Arts and Sciences |
| FRANCES JOAN MASSER, Honors in Liberal Arts and Sciences with Distinction in Mathematics | BETTY JONES WHITTEN |
| CONSTANCE LOUISE MAURER | THOMAS DANIEL WISNIEWSKI |
| TROY ANTHONY MAYR, Honors in Liberal Arts and Sciences | WILLARD ERWIN WOODWARD |
| | LYDIA TERESE ZEBRAUSKAS |

In the Teaching of the Biological Sciences and General Science

- | | |
|---|---------------------------|
| JUDY ANN ABLINGER, Honors in Liberal Arts and Sciences with Distinction in the Curriculum | AUDREY ELIZABETH BRUCKNER |
| | JOHN DAVID HAERTEL |
| | CARLINE ATHALEA SCHWEGLER |

In the Teaching of Mathematics

- | | |
|---------------------|-------------------|
| SUSAN DIANE BARNETT | MAE THELMA HUMBLE |
|---------------------|-------------------|

In the Teaching of Physics

- MILES ANTHONY NELSON

COLLEGE OF LAW

Degree of Bachelor of Laws

- | | |
|--|--|
| DONALD ROBERT ALDEEN, A.B., 1960 | LAWRENCE GREGORY LILLY, B.S., 1960 |
| KENNETH RAYMOND BOYLE, A.B., 1960 | LARRY LEE SPEARS, A.B., Southern Illinois University, 1959 |
| STEPHEN MICHAEL CONHAIN, A.B., 1959 | GEORGE STRICK, A.B., 1959 |
| ALFRED WILLIAMS COWAN, JR., A.B., Beloit College, 1958 | FRED LOUIS WHAM III, B.S., 1959 |
| ROGER B. GOMIEN, B.S., 1956 | RONALD WILDER |
| VANCE IVAN KEFLEY, B.S., 1960 | |

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

- | | |
|--|---------------------------|
| VIRGENE SPENCER ANDERSON | HALE KOLAY |
| JAMES VINSON EYRE | LOWELL LEON LEFEBVRE, JR. |
| ELIZABETH HARRYMAN | CHARLENE UMBRIGHT ORR |
| DOROTHY ENGLEBRETSSEN HUMES, High Honors | |

In the Education of Mentally Handicapped Children

SONDRA PEARSON MARCHIANDO

In Elementary Education

JEAN PATRICIA BARR	ROSALIND MAVIS NOVAK
EDNA RUTH BILLINGSLEY	MARGARET PAIGE
BARBARA TURNIPSEED BONNER	JUDY FERN ROBINSON
JUDITH MARIE BORECZKY	LARRY EUGENE RODERICK
ELEANOR JOYCE BRAUN	ARLENE RITA ROIN
JEAN ELIZABETH BROWNLEE	ROBERTA SUSAN SAX
CAROL ANN CROUT	PATRICIA ANN SCHABOW
MARY DANDELES	NANCY JEAN SCHREIBER
ELONA SHERMAN DYNER	PHYLLIS ETHEL SCHUMM
BARBARA KNIGHT GATSCHKE	CAROL MARION SCHWAB
PATRICIA GLEASNER GOETZ	CONSTANCE ALEXANDER SHORTER
JUDITH HIRSCH	SHARON ZITA STONE
MARGARET ANN HOLDER	NANCY ELLEN STRAWSER
HARRIET ELIZABETH HOUSE	ADA RENEE SUTKER
JUDITH POTTS JOHNSON, High Honors	HELEN AIKO TADEMARU
BARBARA JOAN KALVER	ELLEN POULOS THORPE, Honors
JEANETTE HENRIETTA KOOP	ANNA VALENTINA VITEK
IRENE NANCY LARSON	KATHLEEN HEALY WALTZ, High Honors
JOAN IRENE McCAMENT	JOY ROBIN WILLEY
SUZANNE KAY MENZ	KAREN NICCUM WOOLEY
ESTHER SUE MOZINSKI	CATHERINE JOYCE ZAKAS
ALICE KISHIYE MURATA	

In Industrial Education

MYRON JOHN BABLER	JOHN PAUL NEMESNYIK
ALISON DEAN COTTON	RAYMOND GEORGE POSSEHL
DONALD LIEN	ROY DALE POST
EDWARD THOMAS McNAMARA, Honors	DEAN GORDON SPIELMAN

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

ARTHUR MARVIN CALLISTEIN, Honors	JOHN EDWARD MCENROE
JEROME ANDREW CIECIWA	LARRY LEROY PHELPS
HARRY WILLIAM CONRAD	MARVIN HARRY PILCHEN, High Honors
MARSHALL SEYMOUR DAPIN	ROBERT KRAUS REGAL
LEE ALFRED DREYFUS	NEIL LEROY RENDALL
MARK LOUIS DYER	WILLIAM LAWRENCE ROMANS
GARY LEE FISH	EDWARD LOUIS ROSEN, Honors
LEE EDWARD FISHER	ROBERTA DIANA ROZANSKY, Honors
WILLIAM ANDREW GREGURICH	GERALD LEW SALZMAN
JOHN SVIATOSLAUS GULA	ROBERT RICHARD SCHMIDT
EUGENE JACK HARRIS	ALBERT WALDO SCHROEDER
WILLIAM JOSEPH JANSER	DONALD RAY SWINFORD
WILLIAM HENRY JOHNSON	JAMES CLARK TARY
JEROLD KAREL	ARDEN RAYMOND TAUBE
THEODORE KAVOORAS	MARVIN LEONARD WEITZENFELD

In Commerce and Law

JOHN WILLIAM EASTERBROOK	CHARLES JOSEPH WALTERS, JR.
CRAIG EUGENE MCGUIRE	JULIUS JAMES ZSCHAU

In Commercial Teaching

IRENE RIMA LIZDENIS	DIXIE FELLIN WULF, Honors
PATRICIA ANN WISE	

In Economics

RICHARD EDWARD BEGLER
BIRTUS WARREN BRUCE
JAMES BARRIE BUTTERWORTH, Honors
GEORGE WILLIAM CLARK
BOYD RUSSELL COATS

PETER G. FOX
THOMAS VINCENT KANE
CHARLES EDWARD KING
RICHARD DALE REGENTZ
STANLEY VANAGUNAS

In Finance

ROBERT PAUL CORNELISEN
JAMES EUGENE DRESMAL
ROBERT FRANCIS FAHEY
DAVID ROSS GEIST
PAUL THOMAS GOLDMAN
STANLEY DAVID GREEN
AHMAD DAUOD MOHAMMAD ISSA,
Honors
WILLIAM LAW JOHNSON

RICHARD CHARLES KAMMANN
HERBERT KANTER
DALE EDWARD KUCERA
ROBERT JOHN KUNATH
ANTHONY PERTILE
JAMES ORLEN VOLDEN
FRANK KNIGHT VORIS
MYRON CLYDE WARSHAUER

In Industrial Administration

WILLIAM JOSEPH ABBOTT
RONALD GEORGE ACTIS
ROBERT BURNS BARKER
JOHN WALTER DORFMEISTER

JAMES EUGENE EWART
NEAL ERWIN KOTTKE
JOHN YALE SCHRADER, JR.
FRANK EDWARD SIEGEL

In Management

DUANE EVERETT CARTER
DONALD JAMES DAY
LORRAINE JOAN FUNK
JAMES MASON GOSE
REIN GUTMANN
BRUCE ALLEN HAAN
JOHN WILLIAM HADLEY
RICHARD KIMMEL HAINES
ROBERT JOHN HILGENBERG
JERRY RICHARD JAMES
RICHARD EDWARD KOLER
EDWARD EARL KROLL, JR.
DONALD MICHAEL KURUCZ
ROBERT CHARLES LANE

GORDON HAYWARD McCANDLISH
ALLAN NELSON NEWMAN
THOMAS MICHAEL O'BEIRNE
JAMES ERNEST PANKRATZ
ROBERT ROLLAND PFEIFFER
JACKIE EDWARD RIDDLE
STEVEN RICHARD ROMAN
ROBERT GREGORY SCHROEDER
JOHN EDWARD SHANAHAN
JOSEPH FRANK SOMMER
JOHN FREDERICK STOUT
EDWARD HENRY THOMPSON
DAVID MURRAY WUESTEMAN
JON RICHARD ZEMANS

In Marketing

JAMES L. ALLEN, JR.
CHARLES EDWARD DIDRICKSON
RICHARD MURRAY FRENZEL
LAWRENCE STEPHEN KOPP
RONALD LEE KUYKENDALL
JOHN ROBERT METZ
DARYL BURTON MORSE
DAVID MILLS NEUPERT
BRUCE ALLAN NEWCOMB
JAMES ARTHUR PLOEGER

JOHN GORDON RICHARDSON
RONALD RUBIN
ARTHUR AMSTER SERCK
DAVID WADE STORER
JACK CHARLES THORNTON, JR.
JOHN FREDERICK TROST
BURTON CHARLES USEN
CHARLES STANLEY WASSERMAN
PHILIP HARRY WENZ
BERNIE ALLEN WOLFE

In Secretarial Training

NANCY LEE CROSBY
DONNA MAE WEISINGER

MARILYN ELEANOR WOLF

In Urban Land Economics

BYRON LEONARD KERMEEN

COLLEGE OF JOURNALISM AND COMMUNICATIONS**Degree of Bachelor of Science***In Communications*

MICHAEL ARNOLD ADLER	DONALD STUART FINLAYSON
DAVID LEE BEAL	KENNETH WILLIAM FISHER, Honors
KENNETH MICHAEL BOEHM	JAMES MAURICE FOSTER
KENNETH ALLAN BONNEM	THOMAS DANIEL GORMAN
ROBERT NELSON CARMICHAEL	PATRICK LEO HANAFEE
DIANA LEE CARTER	JANAAN OLSON KITCHEN
CHARLES CHALLENGER COANE	EMILY MELINDA LAPIN
CHERYL CLARK CRANE	BARBARA JOANNE OETTEL
RICHARD MICHAEL DUDLEY	RICHARD PARKINSON PEASE
ROBERT ORAL ENDRES	MARJORIE PHYLLIS TEPPER

COLLEGE OF FINE AND APPLIED ARTS**Degree of Bachelor of Architecture**

JOSEPH BABAT	JERRY LEON LATTI
RICHARD THOMAS BANKS	THOMAS JAMES LEHNEN
WALTER ARTHUR BROWN	DAVID LE ROY LINDQUIST
GEORGE REED CHAPMAN, JR.	JALAEDDIN MIZANI
DONALD LEE DONEY	ROBERT THADDEUS MOONEY
ROY ABBOTT ETNYRE	WALTER THOMAS MOSKE
DON HERMAN GAUL	JOHN EUGENE NUNEMAKER
SUZANNE MARIA GELLER	LESTER SCHADER OLDS
HERBERT MICHAEL GOULD	DONALD LEE PETING, Honors
RICHARD RUSSELL GROMM	JOHN SPENCER REYNOLDS, Highest Honors
WALTER SCOTT HALLEN	FREDERICK STEWART ROLAND
ANDREW LOUIS HEARD	JEROME DEAN SAGER
LEONARD HILARY	IRVIN BRUCE SCHAFER
GALE ALLEN HILL	SHELDON ARNOLD SCHLEGMAN
NORMAN CLARE HINTZ	MIRO SICH
GARY FOSTER HODSON	EDWARD ROMUALDAS SKALISIUS
ALGIRDAS JOSEPH JAKSTYS	MICHAEL RICHARD SOMIN
JAMES NICKOLAS KALAS	CHARLES THOMAS URBAN
THOMAS ALLAN KAMIS	MARVIN LOREN WHITAKER
THEODORE EDWARD KLOSS	BERNARD MARSHALL WIDEROE
DAVID OSBORNE KNAPP	

Degree of Bachelor of Fine Arts*In Advertising Design*

JOSEPH JAMES KENNEDY	DONALD DANIEL SZYMANSKI
SANDRA SWAIN MCWHINNEY, Highest Honors	

In Art Education

LEATRICE YVONNE EDWARDS, High Honors

In Industrial Design

DONALD JOSEPH BOBREN	PATRICIA ANN ROGERS, Honors
MITCHELL MARTIN KAPLAN	FLOYD DALE ROUSH
MARVIN BENTLY LIPOFSKY	DONALD DEWARD SMITH
KENNETH DEL LOVE	CARL BILL STRAND

Degree of Bachelor of Music

GENE ROBERT NOLAND

Degree of Bachelor of Science*In Architectural Engineering*

GILBERT DEAN LANDES

In Music Education

BEVERLY ANN ARMSTRONG, Highest
Honors

WILLIAM ARTHUR BRAHMS

GENE PAUL CECI

MARILYN SUE FLUSS

CHARLENE WING GATES

EDWIN JOE GAYLORD

JUDITH ANN HILL, Honors

HAROLD FREDERICK HUBER

WARREN SCOTT MELAND

LARRY GENE NEEMANN

BETTY TUCKER SIMS

COLLEGE OF PHYSICAL EDUCATION**Degree of Bachelor of Science***In Health Education*

ROBERT JULIUS ADAMS

MARY BARBARA GOWER

ALBERT MORRIS WARE

In Physical Education

RICHARD LESHER ANDERSON

JAMES HAROLD BISHOFF

JACK HOWARD CHANCE

WILLIAM FREDERICK CLIFFORD

DAVID TERRENCE DAHL

GERALD GEORGE FISCHER

MARTHA HUXTABLE HARRIS

GARY DON HEMBROUGH

JOSEPH PATRICK HUYLER

ERNEST WILLIAM KUMEROW

JACOB DAVID LIFSHIN

PETER THOMAS MAGNABOSCO

JANET GREENBERG MELNIK

MILAN O'BRADOVICH

ANTHONY KARL PARRILLI

EDWARD STANLEY SCHMIDT

LOUIS PETER SKIZAS

LEE BERT HAMILL SOMERS

RONALD GREGORY STOPKA

PEGGY PAULSON TITUS

In Recreation

GLENN ROGER CERVENY

ANDREW EZRA WHITE

JOHN DAVID WILLIAMS

LARRY ARTHUR WOODCOCK

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS**Degree of Bachelor of Science**

SPENCER CROSBY SAVAGE

COLLEGE OF VETERINARY MEDICINE**Degree of Bachelor of Science***In Veterinary Medicine*

JOAN MARTIN ARNOLDI

NORBERT LEO ARNOLDI

LARRY STUART GOODWIN

ROBERT PAUL SCHMIDT

RONALD ALLEN SWANSON

EXECUTIVE SESSION

On motion of Mr. Clement, an Executive Session was ordered for consideration of a property acquisition.

**ACQUISITION OF PROPERTY AT 1009 WEST GREEN STREET,
URBANA**

(1) The Board of Trustees on November 28, 1961, approved the design of the Illinois Street Residence Halls for single students, to be constructed in the area between Green Street and Illinois Street, Urbana, east of the present Student Staff Apartments. Construction is scheduled to start in the fall of 1962 with occupancy in the fall of 1964.

In order to assure that the site is available to meet the time schedule, representatives of the University have been negotiating for the purchase of the property at 1009 West Green Street, Urbana, which is the only remaining parcel not owned by the University in the area required for construction of the halls, with the understanding that this property must be made available by not later than July 1, 1962.

The property consists of a lot 90 feet by 267 feet, with a three-story and basement frame house, formerly a fraternity house and subsequently converted into an apartment house with eight apartments. There is also a garage on the premises. Appraisals range from \$66,380 to \$75,000.

The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of this property at a price of \$68,000 and have made the owner a tentative offer to buy subject to approval of the Board of Trustees. They further recommend that if the University's offer is not accepted by March 2, 1962, the Board authorize the institution of condemnation proceedings for the acquisition of the property.

On motion of Mr. Pogue, the purchase of this property, at the price recommended, was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Hr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner, Mr. Wilkins.

Resolution

Be It, and It Is Hereby Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following-described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

The West Half (W $\frac{1}{2}$) of the West Three-fifths (W $\frac{3}{5}$) of Lot Two (2) in Block Three (3) in Burpee, Curtiss and Somers' Addition of Out Lots to the City of Urbana, except the West Five (5) feet thereof and except the South One Hundred Ninety-nine and Sixty-four Hundredths (199.64) feet thereof, situated in the City of Urbana, County of Champaign, and State of Illinois:

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, for a site for residence halls buildings for single undergraduate students and for related educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University of Illinois to discharge its duty to the people of said State and for public use; that funds have been appropriated by the General Assembly of the State of Illinois for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owner of said land through her duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owner has refused to sell and convey said land, or any portion thereof, to said The Board of Trustees of the University of Illinois for such price and continues to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

Be It, and It Is Hereby Further Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owner of said property and she and it are unable to agree upon the purchase price to be paid to said owner for the sale and conveyance of said land by said owner thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owner thereof for such land cannot be agreed upon between her and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owner thereof and any and all other persons who may have any

right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby, authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefore, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

On motion of Mr. Pogue, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner, Mr. Wilkins.

On motion of Mr. Clement, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

March 17, 1962



The annual meeting of the Board of Trustees of the University of Illinois was held in the Illini Union, Urbana, Illinois, on Saturday, March 17, 1962, beginning at 9:00 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Richard A. Harewood, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Governor Otto Kerner was absent.

Also present were President David D. Henry, Executive Vice-President and Provost Lyle H. Lanier, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Dr. Joseph S. Begando, Vice-President in charge of University of Illinois at the Medical Center, Chicago, Director C. S. Havens of the Physical Plant, Mr. James J. Costello, Legal Counsel, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. V. L. Kretschmer, Director of Auxiliary Services, Mr. Earl W. Porter, Assistant to the President for Reports and Special Projects; and the officers of the Board, Mr. C. W. Weldon, Treasurer, Mr. H. O. Farber, Comptroller, Mr. A. J. Janata, Secretary.

ELECTION OF OFFICERS

PRESIDENT OF THE BOARD

Mr. Williamson called the meeting to order. He stated that he does not wish to be considered for reelection as President of the Board and called for nominations.

Mr. Johnston nominated Mr. Howard W. Clement.

There being no further nominations, on motion of Mr. Pogue, the nominations were closed and the Secretary was instructed to cast the unanimous ballot of the Board for the election of Mr. Howard W. Clement as its President, to serve until the next annual meeting of the Board of Trustees in March, 1963, or until his successor shall have been elected and has qualified.

The ballot was cast and Mr. Clement was elected President of the Board of Trustees of the University of Illinois. He took the Chair and expressed his deep appreciation of the confidence of the Board in electing him President.

On motion of Mr. Harewood, Mr. Williamson was given a rising vote of thanks for his services as President of the Board during the past three years.

SECRETARY OF THE BOARD

Mr. Swain nominated Mr. A. J. Janata as Secretary of the Board; Mr. Johnston seconded the nomination.

On motion of Mr. Harewood, the nominations were closed and Mr. Janata was elected by acclamation as Secretary of the Board of Trustees to serve until the next annual meeting in March, 1963, or until his successor shall have been elected and has qualified.

COMPTROLLER OF THE BOARD

Mr. Hughes nominated Mr. H. O. Farber as Comptroller of the Board; Mr. Swain seconded the nomination.

On motion of Mr. Johnston, the nominations were closed and the Secretary was instructed to cast the unanimous ballot of the Board for Mr. Farber's election as Comptroller of the Board of Trustees to serve until the next annual meeting in March, 1963, or until his successor shall have been elected and has qualified.

The ballot was cast and Mr. Farber was elected Comptroller.

EXECUTIVE COMMITTEE

Mr. Pogue nominated Mr. Wayne A. Johnston and Mrs. Frances B. Watkins to serve as members of the Executive Committee, with the President of the Board as Chairman, for one year.

On motion of Mr. Harewood, the nominations were closed and Mr. Johnston and Mrs. Watkins were elected by acclamation as members of the Executive Committee of the Board of Trustees to serve until the next annual meeting in March, 1963, or until their successors have been elected and have qualified. Mr. Johnston and Mrs. Watkins were recorded as not voting.

DELEGATION OF SIGNATURES

Mr. Swain offered the following resolution:

Resolved, that the President and the Secretary of the Board of Trustees of the University of Illinois are authorized to delegate the signing of their names as President and Secretary, respectively, to vouchers to be presented to the

Auditor of Public Accounts, and to warrants drawn on the Treasurer of the University, under the following conditions.

The President of the Board of Trustees is authorized to delegate to L. M. Dahlenburg and to W. D. Green in Urbana, to James E. Osborn, to W. E. Cowart, and to H. O. Albers in Chicago, and to Edward F. Lis and to Helen Culbertson in Springfield, authority to sign his name as President of the Board of Trustees to vouchers against the Auditor of Public Accounts; and to C. C. DeLong, to R. W. Zimmer, and to R. F. Wood in Urbana, and to James E. Osborn, to W. E. Cowart, and to H. O. Albers in Chicago, authority to sign his name to warrants on the University Treasurer covering vouchers approved in accordance with regulations approved by the Board.

The Secretary of the Board of Trustees is authorized to delegate to Maude Archdeacon, to George H. Bargh, and to Everett G. Smith in Urbana, and to G. R. Moon, to Velma M. Davis, to Helen Wyle, and to Genevieve R. Mutka in Chicago, authority to sign his name as Secretary of the Board of Trustees to vouchers against the Auditor of Public Accounts and to warrants on the University Treasurer, covering vouchers approved in accordance with regulations of the Board. The Secretary of the Board of Trustees is authorized to delegate to Addalein C. Hawk and to Lean C. Ryan in Springfield, authority to sign his name as Secretary of the Board of Trustees on vouchers against the Auditor of Public Accounts approved in accordance with the regulations of the Board. These authorizations are to continue in effect until the Auditor of Public Accounts has been supplied with specimen signatures of succeeding officers of this Board. And be it further

Resolved, that the First National Bank of Chicago as a designated depository of C. W. Weldon, Treasurer of this corporation, be and it (including its correspondent banks) is hereby requested, authorized, and directed to honor checks, drafts, or other orders for the payment of money drawn in this corporation's name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or signers thereof, when bearing or purporting to bear the facsimile signatures of the two following: Howard W. Clement, President, and A. J. Janata, Secretary; and the First National Bank of Chicago (including its correspondent banks) shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means the facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens duly certified to or filed with the First National Bank of Chicago by the Secretary or other officer of this corporation. And be it further

Resolved, that the Auditor of Public Accounts is hereby authorized and directed to honor vouchers bearing facsimile signatures of the President and Secretary of the Board of Trustees of the University of Illinois if such facsimile signatures resemble the facsimile specimens duly certified to or filed with the Auditor of Public Accounts by the Secretary.

This resolution was unanimously adopted.

STANDING COMMITTEES FOR 1962-63

The President of the Board appointed the following standing committees to serve during the year 1962-63, or until their successors have been appointed following the annual meeting of the Board of Trustees in March, 1963.

The President of the University is a member, *ex officio*, of all standing committees.

Agriculture

EARL M. HUGHES, Chairman
IRVING DILLIARD
WAYNE A. JOHNSTON

Alumni

IRVING DILLIARD, Chairman
EARL M. HUGHES
MRS. FRANCES B. WATKINS

Athletic Activities

HAROLD POGUE, Chairman
IRVING DILLIARD
RICHARD A. HAREWOOD

Buildings and Grounds

HAROLD POGUE, Chairman
RICHARD A. HAREWOOD
EARL M. HUGHES

WAYNE A. JOHNSTON
TIMOTHY W. SWAIN
KENNEY E. WILLIAMSON

Chicago Departments

MRS. FRANCES B. WATKINS, Chairman
WAYNE A. JOHNSTON
HAROLD POGUE

Finance

KENNEY E. WILLIAMSON, Chairman
TIMOTHY W. SWAIN
MRS. FRANCES B. WATKINS

General Policy

WAYNE A. JOHNSTON, Chairman
RICHARD A. HAREWOOD
HAROLD POGUE
TIMOTHY W. SWAIN
MRS. FRANCES B. WATKINS

Nonacademic Personnel

Also representatives on the Civil
Service Merit Board
TIMOTHY W. SWAIN, Chairman
RICHARD A. HAREWOOD
HAROLD POGUE

Patents

TIMOTHY W. SWAIN, Chairman
RICHARD A. HAREWOOD
KENNEY E. WILLIAMSON

Student Welfare and Activities

RICHARD A. HAREWOOD, Chairman
IRVING DILLIARD
MRS. FRANCES B. WATKINS

*University Retirement System
Representatives*

HOWARD W. CLEMENT
EARL M. HUGHES
KENNEY E. WILLIAMSON

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting and a copy was filed with the Secretary of the Board.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
JOSEPH CHALMERS DAWKINS	Springfield, Illinois	Tennessee
WALTER HERBERT HANSHAW	Mount Prospect, Illinois	Kansas
ROBERT CHARLES KLOMAN	Chicago, Illinois	District of Columbia
RAYMOND GRAHAM MAGINN	Quincy, Illinois	Missouri

I concur.

On motion of Mr. Harewood, these certificates were awarded, as recommended.

APPOINTMENTS TO THE FACULTY

(2) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. L. LEON CAMPBELL, Professor of Microbiology, beginning February 1, 1962, at an annual salary of \$15,500 (A).
2. WILLIAM H. CRESWELL, JR., Professor of Health and Safety Education, in the College of Physical Education and in the Division of University Extension, beginning September 1, 1962, at an annual salary of \$11,500 (A).
3. WILLIAM L. DENMARK, Assistant Professor of Climatology, Department of Horticulture, beginning March 1, 1962, without salary (S-DY).

4. JOSEPH E. MILLER, Assistant Professor of Orthopaedic Surgery, beginning March 1, 1962, at an annual salary of \$12,000 (DY).
5. JULIAN A. MILLER, Clinical Assistant Professor of Psychiatry, College of Medicine, beginning January 1, 1962, without salary (DY).
6. ADRIAN SCHEIDEGGER, Professor of Petrophysics, Department of Mining, Metallurgy, and Petroleum Engineering, beginning September 1, 1962, at an annual salary of \$12,000 (A).
7. JAMES W. WESTWATER, Professor of Chemical Engineering, in charge of the program in Chemical Engineering in the Department of Chemistry and Chemical Engineering, beginning September 1, 1962, on indefinite tenure. This is not a new appointment, but is an assignment of administrative duties within the Department, vice Professor Max Peters, who will leave the University at the end of the current academic year to become Dean of the College of Engineering at the University of Colorado. The salary of the position will be determined when the budget for 1962-63 is submitted to the Board for approval (present salary \$11,000).

On motion of Mr. Swain, these appointments were confirmed.

APPOINTMENTS TO THE UNIVERSITY OF ILLINOIS CITIZENS COMMITTEE

(3) I submit the following nominations for appointments to the University of Illinois Citizens Committee for a period of three years beginning January 1, 1962.

ROBERT AHRENS
Executive Director, The Adult Education Council of Greater Chicago
53 West Jackson Boulevard
Chicago 4, Illinois

B. E. BENSINGER
President, Brunswick Corporation
623 South Wabash Avenue
Chicago 5, Illinois

MELVIN BRORBY
Needham, Louis, and Brorby, Inc.,
Advertising Agency
Prudential Plaza
Chicago 1, Illinois

JOHN D. DEBUTTS
President, Illinois Bell Telephone Company
212 West Washington Street
Chicago 6, Illinois

DAVID M. KENNEDY
Chairman of the Board, Continental Illinois National Bank
231 South LaSalle Street
Chicago 90, Illinois

ROBERT H. MACRAE
Associate Executive Director, Chicago Community Trust
10 South LaSalle Street
Chicago 3, Illinois

KEITH MASTERS
Kirkland, Ellis, Hodson, Chaffetz, and Masters
2900 Prudential Plaza
Chicago 1, Illinois

CHARLES J. MERRIAM
Patent Attorney
30 West Monroe Street
Chicago 3, Illinois

WARD L. QUAAI
Executive Vice-President and General Manager, WGN, Inc.
Chicago, Illinois

J. L. WADE
President, Trio Manufacturing Company
Griggsville, Illinois

On motion of Mr. Pogue, these appointments were approved.

APPOINTMENTS TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(4) Submitted herewith are nominations for appointments and reappointments, as indicated in each case, to the Board of Directors of the University of Illinois Athletic Association. These appointments are to become effective as of today and to continue until the next annual meeting of the Board of Trustees of the University of Illinois in 1963, or until the successors of these Directors have been appointed.

Faculty

LESLIE A. BRYAN, Professor of Management and Director of the Institute of Aviation (reappointment; he has served since June, 1959)

HAROLD W. HANNAH, Professor of Agricultural Law, Department of Agricultural Economics (reappointment; he has served since 1960)

PAUL M. VAN ARSDELL, Professor and Head of the Department of Finance (reappointment; he has served since March, 1961)

GEORGE W. WHITE, Professor and Head of the Department of Geology (new appointment; he replaces Professor Joseph A. Russell, Department of Geography, who has served since 1958)

Alumni

STANLEY L. BODMAN, Class of 1931, 175 West Jackson Boulevard, Chicago 4, Illinois (reappointment; he has served since March, 1960)

GEORGE R. CATLETT, Class of 1939, Partner in the firm of Arthur Andersen and Company, Certified Public Accountants, 120 South LaSalle Street, Chicago 3 (reappointment; he has served since March, 1961)

DUANE A. CULLINAN, Class of 1937, 1617 Eighth Street, Pekin, Illinois (reappointment; he has served since March, 1959)

On motion of Mr. Pogue, this new appointment and the reappointments were approved.

SABBATICAL LEAVES OF ABSENCE, 1962-63

(5) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1962-63 in accordance with the provisions of the University of Illinois Statutes and on the terms and for the periods indicated.

In accordance with the established procedure, the programs of research, study, and travel for which leaves are requested have been examined by the University Research Board, which advises the President in such matters, and by the Executive Vice-President and Provost who concurs.

College of Agriculture

Department of Agricultural Economics

ALLAN G. MUELLER, Associate Professor of Farm Management, six months beginning February 1, 1963, full pay.

Department of Agronomy

CARL N. HITTLE, Associate Professor of Plant Breeding, full year, beginning September 1, 1962, one-half pay.

EDWARD H. TYNER, Professor of Soil Fertility, full year beginning September 1, 1962, one-half pay; leave contingent upon receipt of supplementary financial aid.

Department of Animal Science

DONALD J. BRAY, Associate Professor of Animal Science, six months beginning August 1, 1962, full pay.

ANDREW V. NALBANDOV, Professor of Animal Physiology and of Zoology, second semester, full pay.

Department of Dairy Science

RICHARD E. BROWN, Associate Professor of Nutrition, full year beginning September 1, 1962, one-half pay.

Department of Food Technology

MARVIN P. STEINBERG, Associate Professor of Food Technology, six months beginning August 1, 1962, full pay.

Department of Home Economics

MILDRED BONNELL, Associate Professor of Home Economics, first semester, full pay.

QUEENIE B. MILLS, Associate Professor of Child Development, full year, one-half pay.

Department of Horticulture

JOHN S. TITUS, Associate Professor of Pomology, six months beginning September 1, 1962, full pay.

Department of Plant Pathology

DAVID GOTTLIEB, Professor of Plant Pathology, six months beginning March 1, 1963, full pay.

Agriculture Administration

HADLEY READ, Extension Editor and Professor of Agricultural Extension, six months beginning September 1, 1962, full pay.

College of Commerce and Business Administration*Department of Accountancy*

NORTON M. BEDFORD, Professor of Accountancy, second semester, full pay.

ROBERT E. SCHLOSSER, Associate Professor of Accountancy, second semester, full pay.

Department of Business Education

ARNOLD C. CONDON, Professor of Business Education and Head of the Department, full year, one-half pay.

Department of Economics

JOHN B. PARRISH, Professor of Economics, second semester, full pay.

THOMAS A. YANCEY, Associate Professor of Economics, full year, one-half pay.

Department of Finance

ROBERT W. MAYER, Professor of Finance, second semester, full pay.

Bureau of Economics and Business Research

JOSEPH D. PHILLIPS, Research Professor, six months beginning September 1, 1962, full pay.

College of Education

PAULINE E. CHANGNON, Associate Professor of Education, University High School, second semester, full pay.

CHARLES E. JOHNSON, Associate Professor of Education, first semester, full pay.

R. STEWART JONES, Professor of Education, second semester, full pay.

JOHN E. MCGILL, Professor of Education, first semester, full pay or second semester, full pay; leave contingent upon receipt of supplementary financial aid.

PERRY E. MILLER, Professor of Education, first semester, full pay.

College of Engineering*Department of Aeronautical and Astronautical Engineering*

ROBERT W. MCCLOY, Professor of Aeronautical Engineering, full year, one-half pay.

Department of Electrical Engineering

ALBERT D. BAILEY, Professor of Electrical Engineering, second semester, full pay.

DAVID PINES, Professor of Physics and of Electrical Engineering, second semester, full pay.

Department of Mining, Metallurgy, and Petroleum Engineering

WALTER D. ROSE, Professor of Petroleum Engineering, full year, one-half pay.

ROBB M. THOMSON, Professor of Physical Metallurgy, second semester, full pay.

Department of Physics

PETER AXEL, Professor of Physics, full year, one-half pay.

JAMES H. BARTLETT, Professor of Physics, first semester, full pay.

HANS FRAUENFELDER, Professor of Physics, second semester, one-half pay.

P. GERALD KRUGER, Professor of Physics, first semester, full pay.

ALBERT WATTENBERG, Research Professor of Physics, six months beginning March 1, 1963, one-half pay.

Division of University Extension

RICHARD R. MARSH, Professor of Food Technology (in Extension) and Assistant Director of University Honors Programs, six months from February 1, 1963, full pay.

College of Fine and Applied Arts*Department of Architecture*

LINWOOD J. BRIGHTBILL, Professor of Architectural Engineering, first semester, full pay.

ERNEST A. CONNALLY, Professor of Architecture, second semester 1962-63, first semester 1963-64, one-half pay, or second semester 1962-63, full pay; full year leave contingent upon receipt of supplementary financial aid.

Department of Art

WARREN F. DOOLITTLE, Professor of Art, first semester, full pay.

GEORGE N. FOSTER, Associate Professor of Art, second semester, full pay.

HAROLD A. SCHULTZ, Professor of Art and of Art Education, second semester, full pay.

Department of City Planning and Landscape Architecture

WILLIAM I. GOODMAN, Professor of City Planning, full year, one-half pay.

School of Music

L. THOMAS FREDRICKSON, Assistant Professor of Music, second semester, full pay.

AUSTIN J. McDOWELL, Associate Professor of Music, first semester, full pay.

CLAIRE L. RICHARDS, Professor of Music, second semester, full pay.

ALEXANDER L. RINGER, Associate Professor of Music, first semester, one-half pay, and second semester, without pay.

Graduate College*Digital Computer Laboratory*

WOLFGANG J. POPPELBAUM, Research Associate Professor, first semester, full pay.

JAMES E. ROBERTSON, Research Professor, second semester, full pay.

ABRAHAM H. TAUB, Research Professor and Head of the Digital Computer Laboratory, second semester, full pay.

College of Journalism and Communications*Institute of Communications Research*

HOWARD S. MACCLAY, Research Associate Professor, full year beginning September 1, 1962, one-half pay.

Institute of Labor and Industrial Relations

W. ELLISON CHALMERS, Professor of Economics, Institute of Labor and Industrial Relations and College of Commerce and Business Administration, full year beginning August 1, 1962, one-half pay.

College of Law

VICTOR J. STONE, Professor of Law, second semester, full pay.

College of Liberal Arts and Sciences*Department of Astronomy*

IVAN R. KING, Associate Professor of Astronomy, full year, one-half pay.

Department of Botany

EUGENE I. RABINOWITCH, Research Professor of Botany, first semester, full pay.

Department of Chemistry and Chemical Engineering

THOMAS J. HANRATTY, Associate Professor of Chemical Engineering, full year, one-half pay.

ARNOLD M. HARTLEY, Associate Professor of Analytical Chemistry, second semester 1962-63 or first semester 1962-63, full pay; leave contingent upon receipt of supplementary financial aid.

THERON S. PIPER, Assistant Professor of Inorganic Chemistry, second semester, full pay.

WILLIAM J. RUTTER, Professor of Biochemistry, full year, one-half pay.

Department of English

GWYNNE B. EVANS, Professor of English, first semester, full pay.

ROCCO L. FUMENTO, Assistant Professor of English, second semester, full pay.

JOHN F. LYNEN, Assistant Professor of English, first semester, one-half pay, and second semester, without pay; leave contingent upon receipt of supplementary financial aid.

BURTON A. MILLIGAN, Professor of English, first semester, full pay.

Department of Entomology

LEIGH E. CHADWICK, Professor of Entomology and Head of the Department, second semester, full pay.

Department of French

EDWIN JAHIEL, Assistant Professor of French, full year, one-half pay.

Department of Geology

ARTHUR F. HAGNER, Professor of Geology, first semester, full pay.

Department of German

PAULINE S. SCHWALBE, Assistant Professor of German, second semester, full pay.

Department of History

CHARLES E. NOWELL, Professor of History, second semester, full pay.

Department of Mathematics

STEWART S. CAIRNS, Professor of Mathematics, second semester, full pay.

ALEX HELLER, Professor of Mathematics, full year, one-half pay; leave contingent upon receipt of supplementary financial aid.

HOWARD A. OSBORN, Associate Professor of Mathematics, full year, one-half pay; leave contingent upon receipt of supplementary financial aid.

IRVING REINER, Professor of Mathematics, full year, one-half pay.

MICHIO SUZUKI, Professor of Mathematics, full year, one-half pay; leave contingent upon receipt of supplementary financial aid.

Department of Microbiology

RALPH D. DEMOSS, Professor of Microbiology, full year beginning September 1, 1962, one-half pay.

Department of Philosophy

OSKAR A. KUBITZ, Associate Professor of Philosophy, second semester, full pay.

Department of Political Science

MURRAY J. EDELMAN, Professor of Political Science in the College of Liberal Arts and Sciences and in the Institute of Labor and Industrial Relations, six months beginning March 1, 1963, full pay, or full year beginning September 1, 1962, one-half pay; full-year leave contingent upon receipt of supplementary financial aid.

Department of Psychology

DON E. DULANY, JR., Associate Professor of Psychology, full year, one-half pay, or second semester, full pay; full-year leave contingent upon receipt of supplementary financial aid.

CHARLES W. ERIKSEN, Professor of Psychology, full year, one-half pay, or first semester, full pay; full-year leave contingent upon receipt of supplementary financial aid.

G. ROBERT GRICE, Professor of Psychology, second semester, full pay.

LAWRENCE M. STOLUROW, Professor of Psychology in the Department of Psychology and in the Institute for Research on Exceptional Children, College of Education, full year, one-half pay.

Department of Sociology

JOSEPH R. GUSFIELD, Associate Professor of Sociology, full year, one-half pay.

Department of Spanish and Italian

JAMES O. CROSBY, Associate Professor of Spanish and Italian, first semester, one-half pay, and second semester, without pay.

HENRY R. KAHANE, Professor of Spanish and of Linguistics, first semester, full pay, and second semester, without pay.

Department of Speech and Theatre

MARY H. ARBENZ, Assistant Professor of Speech, second semester, full pay.

BARNARD W. HEWITT, Professor of Speech and Theatre, full year, one-half pay.

Department of Zoology

LESTER INGLE, Professor of Zoology, first semester, full pay.

College of Physical Education*Department of Health and Safety Education*

FLOYD E. BOYS, Associate Professor of Health Education, second semester, full pay.

Department of Recreation

ALLEN V. SAPORA, Professor of Recreation, second semester, full pay.

Chicago Undergraduate Division

FURIO ALBERTI, Assistant Professor of Mathematics, second semester, full pay.

MARY M. COLBY, Assistant Professor of Geography, second semester, full pay.

SAMUEL FOX, Professor of Accountancy, second semester, full pay.

GORDON L. GOODMAN, Assistant Professor of History, full year, one-half pay.

GUINEVERE L. GRIEST, Assistant Professor of English, second semester, full pay.

SAMUEL SCHRAGE, Associate Professor of Chemistry, full year, one-half pay.

ERNEST S. WILLNER, Associate Professor of Foreign Languages, second semester, full pay.

Medical Center

HENRY JEFFAY, Associate Professor of Biological Chemistry, six months beginning February 1, 1963, full pay.

CECIL A. KRAKOWER, Professor of Pathology and Head of the Department, six months beginning October 1, 1962, full pay.

KLAUS R. UNNA, Professor of Pharmacology and Head of the Department, full year beginning January 1, 1963, one-half pay, or six months beginning January 1, 1963, full pay.

On motion of Mr. Dilliard, these leaves were granted, as recommended.

AMENDMENT OF UNIVERSITY OF ILLINOIS STATUTES

(6) On recommendation of the Senate Coordinating Council, the three Senates have approved an amendment of Section 7 of the University of Illinois Statutes by adding to paragraph (a) thereof the following:

If a quorum can not be obtained, the elected representatives of a Senate, by majority approval, may designate not more than one alternate from their own Senate for that meeting only.

I concur.

On motion of Mrs. Watkins, this amendment was adopted.

NAME OF PLANT SCIENCES BUILDING

(7) I recommend that the new Plant Sciences Building be named Jonathan Baldwin Turner Hall in memory of the man who conceived the idea of a state university for Illinois and who helped to set a pattern for the organization of public higher education in the United States.

A native of Massachusetts and graduate of Yale University, Turner came to Illinois in 1833 to join the faculty of Illinois College at Jacksonville where he taught English and classical subjects. Although a classical scholar, he urged a "distinctly American system of education" that would provide higher education for the children of the working classes.

Turner was also a pioneer horticulturist and experimented with many varieties of fruit trees, shade trees, shrubs, and flowers. His contributions included experimenting with and promoting the use of Osage orange as a fence for prairie farms.

It is especially fitting that a major building at the University of Illinois memorialize Jonathan Baldwin Turner who had such a vital part in the development of the Land-Grant college system and that the action be taken in this centennial year of the Land-Grant Act.

This recommendation is submitted with the support of the College of Agriculture and the Executive Committee of the University Council. The Committee on Buildings and Grounds has also been consulted and concurs.

On motion of Mr. Hughes, this recommendation was approved.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(8) The Committee on Nonrecurring Appropriations recommends the following appropriations and assignments of funds:

From the General Reserve

Department of Chemistry and Chemical Engineering, equipment.....	\$ 18 441
Department of Physics, equipment for new building.....	25 000
General University Publications, to provide funds for printing of 1962-63 University catalogs which will be issued during the current fiscal year—a change in publication time schedule; and to meet current deficit in general publications.....	49 600
Research and Educational Hospitals, equipment.....	35 000
Vice-President at the Medical Center, minor remodeling and equipment projects to be assigned by the Vice-President for the University of Illinois at the Medical Center.....	10 000
<i>Total, General Reserve.....</i>	<i>\$138 041</i>

From State Capital Appropriations

Physical Plant

Remodeling in Noyes Laboratory for Chemistry.....	\$ 17 195
Remodeling in Natural History Building.....	4 184
<i>Total, State Capital Appropriations.....</i>	<i>\$ 21 379</i>
<i>Grand Total</i>	<i>\$159 420</i>

I concur.

On motion of Mr. Swain, these appropriations were made, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

TELEPHONE SERVICE ON MEDICAL CENTER CAMPUS AND ASSIGNMENT OF FUNDS

(9) The Illinois Bell Telephone Company has recommended a Centrex system (direct-in-dialing) which would serve not only the University of Illinois at the Medical Center but also at Congress Circle. The Centrex system would function so that each campus would have its own service which would, however, permit the two campuses to dial each other directly. Consideration at this time is necessary because otherwise further installation of additional instruments at the Medical Center will have to be curtailed by September, 1962, due to the lack of switching equipment and it is not practical to expand the present Private Branch Exchange which would require more space than is now available. The Centrex system uses fewer operators than the present PBX system, resulting in a saving when the number of instruments in service approximates 1,400. At present there are approximately 1,200 instruments at the Medical Center; the number will probably approach 1,400 by the fall of 1963, and certainly in 1964 when the Medical Sciences Addition is occupied.

The Centrex system requires approximately one-half of the space required for PBX equipment and no additional space would be required for the Congress Circle campus. Whereas PBX service for the two campuses would require approximately 3,340 gross square feet of floor space, Centrex will require only 835 gross square feet, thus resulting in a savings in capital costs of approximately \$75,000. There would be further savings at Congress Circle since Centrex does not require a cabling cost between buildings which for a PBX would be approximately \$75,000, or a total capital savings of about \$150,000. Moreover, Centrex service is estimated to reduce costs per telephone instrument each month by more than forty cents when the Congress Circle campus is in operation.

The Director of the Physical Plant and the Vice-President and Comptroller

recommend authorization of the installation on the Medical Center campus of a Centrex service, designed also to serve the Congress Circle campus, at a cost not to exceed \$14,000. Approval of this recommendation will commit the University to subsidizing the telephone service on the Medical Center campus for approximately one and one-half years, or until the number of telephone instruments in use totals 1,400, at an annual cost estimated not to exceed \$8,000. This temporary increased operating cost should be compared with the ultimate capital savings of \$150,000 resulting from the installation of the new system.

Funds are available in the University's General Reserve.

The Vice-Presidents for the two Chicago campuses join in this recommendation.

I concur.

On motion of Mr. Hughes, this agreement was authorized, and an assignment of \$14,000 was made from the General Reserve for the installation costs; this action was taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACTS FOR CONSTRUCTION OF PHYSICAL PLANT SERVICE BUILDING

(10) The Board of Trustees has awarded contracts for the construction of the Physical Plant Service Building with the exception of contracts for plumbing and for heating and air conditioning. The Healy Plumbing and Heating Company, St. Paul, Minnesota, lowest bidder on both phases of the work, had reported an error in its bid on the plumbing work, and on February 20 formally asked permission to withdraw its bid. This information was reported to the Board of Trustees at its meeting on February 21, 1962, before the contracts were to be awarded, and on recommendation of the Director of the Physical Plant action on both the plumbing and the heating and air-conditioning contracts was deferred.

The Company's request has been duly considered, and the original estimating sheets and plans used by the firm in preparing its bid proposal have been examined by the Legal Counsel's Office. That office has advised that the error was the result of misinterpretation of the bid documents and that the circumstances justify permitting withdrawal of the bid in return of the bid deposit, subject to reimbursement of the University for the expense of investigating the claim. The Director of the Physical Plant and the Vice-President and Comptroller recommend that the bid deposit be refunded less the expenses incurred by the University, amounting to \$225.60. The Company has agreed to this payment; and has indicated that it will accept the contract for the heating and air conditioning work on the basis of its lowest bid, which was not involved in the other claim.

The Director of the Physical Plant and the Vice-President and Comptroller now recommend awards of the following contracts:

Plumbing—Reliable Plumbing and Heating Company, Champaign.....	\$137 780
Base Bid	\$128 750
Additive Alternates	9 030
Heating and Air Conditioning—Healy Plumbing and Heating Company, St. Paul, Minnesota.....	\$119 218
Base Bid	\$116 650
Additive Alternate	2 568

The Board of Trustees, on February 21, 1962, authorized the assignment to the general contractor of the contracts for all the other divisions of the work, except for the contract for plumbing work and the contract for heating and air-conditioning work. It now is further recommended that an assignment agreement be entered into with Kuhne-Simmons Company, Inc., the general contractor, providing for the assignment of the contract for plumbing work and the contract for heating and air-conditioning work to that firm and that the amount of Alternate 1A in the sum of \$15,000, which was the amount bid by that firm for a service charge for supervision of other contractors assigned to the general contractor, be increased \$1,160 to cover the additional supervisory charge for the increased contract sum for the plumbing work and for alternate bids which

were accepted for electrical and mechanical work. The original amount of Alternate 1A (\$15,000) plus the increase (\$1,160) will cover the general contractor's supervisory charge for assignment of the contracts for all divisions of the work.

Submitted herewith are schedules of all bids received, a copy of which has been filed with the Secretary of the Board for Record.

Funds are available in the state capital appropriations for 1961-63 from the Universities Building Fund.

I concur in these recommendations.

On motion of Mr. Johnston, these contracts were authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACT FOR INSTALLATION OF ELEVATORS IN BURNSIDES RESEARCH LABORATORY

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$21,400 to the Fairhall Elevator and Machine Company, Danville, the lowest bidder, for the installation of elevators in the Burnsides Research Laboratory.

At the time other contracts for the construction of the Burnsides Research Laboratory were awarded, only one bid on the elevator installation had been received and it was rejected and new bids have been taken.

Funds are available in the construction budget for the project.

I concur.

On motion of Mr. Hughes, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACTS FOR ADDITIONS TO THE ABBOTT POWER PLANT

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of the following contracts for work related to the construction of the addition to the Abbott Power Plant:

Relocation of existing 250 KW Diesel generator (Division "9-E") —	
Superior Construction Company, Inc., Gary, Indiana.....	\$26 398
Electrical work for relocation of 250 KW Diesel generator (Division	
"9-F") — Square Deal Electrical Contracting, Inc., Urbana.....	4 155

Funds are available in the state capital appropriations for 1961-63 from the Universities Building Fund.

I concur.

On motion of Mr. Swain, these contracts were authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACTS FOR REMODELING AND IMPROVEMENTS AT MEDICAL CENTER CAMPUS

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of the following contracts, the award in each case being to the lowest bidder:

Dentistry-Medicine-Pharmacy Building, First Unit, Remodeling Room 521	
— Simpson Construction Company, Chicago.....	\$3 713
This space, vacated by the Animal Hospital when it was moved into the Medical Research Laboratory, is being remodeled to provide laboratory facilities for the Department of Anatomy. The work will consist of installation of laboratory furniture and utilities. Funds are available in United States Public Health Service Grant RG 4728 C5.	

Medical Research Laboratory, Replacement of Floor Covering in Four Rooms — Redlin, Inc., Schiller Park, Illinois..... 2 538
 Radioactive materials are used in these rooms and it is necessary to replace the present floor covering to prevent radioactive contamination of the concrete floor beneath which would make these areas unusable after a period of exposure. Funds are available in the Physical Plant Department budget.

I concur.

On motion of Mrs. Watkins, these contracts were authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

EMPLOYMENT OF ARCHITECTS AND ENGINEERS

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of employment of architects and engineers for the following assignments and on the terms indicated:

Rehabilitation Center — Ganster and Hennighausen, Waukegan, on the basis of a fee of $5\frac{1}{4}$ per cent of the construction contract costs, this firm to assume the costs and responsibility for office supervision and the Physical Plant Department to assume responsibility for supervision of construction.

Veterinary Medicine Research Annex Alterations and Addition — Brown, Manthei, Davis, and Mullins, Champaign, Consulting Engineers, for complete mechanical and electrical engineering services in the design of the alterations and addition to this building, on the cost-plus contract basis: \$7.50 per hour rate for services of members of the firm for time actually spent by them on the project, plus salaries and wages of other engineering and office personnel at the regular hourly wage rates paid by the firm for their work on the basis of time actually put into the work; plus an allowance of 100 per cent to be added to the cost of the foregoing services for overhead expenses of the firm and its commission.

Orchard Downs Housing Addition — Lundeen and Hilfinger, Bloomington, on the basis of:

For site work (excluding buildings) — $5\frac{1}{4}$ per cent of the construction costs

For the buildings (including the necessary changes on the units to be duplicated) — $2\frac{3}{4}$ per cent of the construction costs.

Office supervision of the project will be the responsibility of Lundeen and Hilfinger and construction supervision will be by the Physical Plant Department. The project will be financed through a revenue bond issue; pending sale of bonds, the funds will be advanced from Housing Division funds for the architectural fees.

Acoustic Consulting Services for Congress Circle Campus — Bolt, Beranek, and Newman, Inc., Downers Grove, on an hourly basis according to the following schedule or rate: Senior Consultants, \$25.00 or \$35.00; Consultants, \$16.00 or \$20.00; Staff Assistants, \$9.00 or \$12.50.

Direct expenses such as travel, long distance calls, electrical equipment use charges, and printing charges will be billed in addition to the above charge.

These firms have been recommended for the specific assignments by the Advisory Committee on Selection of Architects and Engineers. The Committee on Buildings and Grounds has also been consulted and has recommended approval.

I concur in these recommendations.

On motion of Mr. Hughes, these recommendations were approved.

CONTRACTS FOR MINOR BUILDING ALTERATIONS AND REPAIRS

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of cost-plus contracts with the following contractors for minor building alterations, repairs, and construction work for the period April 1, 1962, through June 30, 1963:

General — C. A. Petry and Sons, Inc., Champaign

Painting — C. A. Petry and Sons, Inc., Champaign

Electrical—Potter Electric Service, Inc., Urbana
Plumbing—Thomas Plumbing and Heating Company, Urbana
Heating, Piping, Refrigeration, and Automatic Temperature Control Systems
Work—David W. Reichard Plumbing and Heating Company, Urbana
Ventilating and Distribution Systems for Conditioned Air Work—Reliable
Plumbing and Heating Company, Champaign

These contracts are for work which does not justify the cost of preparing separate drawings and specifications and of separate bidding procedures on each project. The several contractors bid on percentages to be added to actual material, labor, and subcontract costs, depending in many cases on the size of the particular division of work with specified limits of four ranges, plus hourly rates for trucking.

Work will be done as ordered by the Physical Plant Department and will be paid for on the basis of the actual cost of each job plus contractors' fees. A schedule of bids taken showing the percentages to be added for work to be executed under these cost-plus contracts is submitted herewith, and a copy of the schedule is being filed with the Secretary of the Board for record as the basis for the contract awards recommended. No assignment of funds is requested and each job will be covered by a contract change order charged against funds allocated for the project.

It is further recommended that the Vice-President and Comptroller be authorized to approve orders under these contracts up to \$25,000 on each project provided that any orders exceeding this amount shall be submitted to the Board of Trustees for approval in advance, in accordance with previous practice and authorization.

I concur.

On motion of Mr. Johnston, these contracts were authorized, as recommended.

EASEMENT TO ILLINOIS POWER COMPANY

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend adoption of the following resolution granting an easement to the Illinois Power Company at Orchard Downs.

I concur.

Resolution

WHEREAS, this Board of Trustees at its meeting held on June 14, 1960, adopted a resolution authorizing granting of easement to Illinois Power Company under and through the site of the Orchard Downs Housing Project and pursuant thereto an Easement Grant was made to Illinois Power Company for gas and electric service purposes over lands therein specifically described; and

WHEREAS, the Illinois Power Company is willing to release all easement rights it has acquired under the terms of said Easement Grant over the property therein described in consideration for a similar easement over the property hereinafter described;

Now, Therefore, Be It, and It Hereby Is Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this Board of Trustees be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to Illinois Power Company, an Illinois corporation, hereinafter referred to as "Grantee," its successors and assigns, the right and easement to lay, operate, and maintain a pipe line and cable for the transmission of gas and electric power under and through the land hereinafter described and the right of ingress to and egress therefrom. Grantee shall agree to repair any damage to property of this Corporation and to pay for any damages which may be caused to properties of this Corporation by the laying, construction, reconstruction, operation, maintenance, renewal, or removal of said pipe line and cable. The right-of-way easement shall terminate ninety (90) days after the Grantee ceases to use said pipe line and said cable for rendition of service. The right-of-way easement shall be over the following-described property:

Situated in the State of Illinois, the County of Champaign, the City of Urbana,

in the E $\frac{1}{2}$ of the NW $\frac{1}{4}$ of Section 20, Township 19 North, Range 9 East of the Third Principal Meridian, on a tract of land in use by the University of Illinois, and known as Orchard Downs Housing, and being more fully bounded and described as follows:

Upon an easement 20.0 feet in width, the centerline of which is described as follows:

Beginning at a point 271.5 feet distant West of the centerline of Race Street and 548.6 feet distant North of the centerline of George Huff Drive, both in the City of Urbana; thence Northeasterly, a distance of 81.5 feet to a corner; thence Northerly, a distance of 166.6 feet to a corner; thence Northwesterly, a distance of 49.3 feet to a corner; thence Northerly, a distance of 230.3 feet to a corner; thence Northwesterly, a distance of 53.5 feet to a corner; thence Westerly, a distance of 89.0 feet to a corner; thence Northerly, a distance of 202.1 feet to a corner; thence Easterly, a distance of 113.7 feet to a corner; thence Northeasterly, a distance of 51.6 feet to a corner; thence Northerly, a distance of 280.3 feet to a corner; thence Northwesterly, a distance of 53.0 feet to a corner; thence Westerly, a distance of 162.5 feet to a corner; thence Southerly, a distance of 92.6 feet to a corner; thence Westerly, a distance of 137.9 feet to a corner; thence Northerly, a distance of 82.2 feet to a corner; thence Westerly, a distance of 47.1 feet to a corner; thence Northwesterly, a distance of 52.0 feet to a corner; thence Westerly, a distance of 184.0 feet to a corner; thence Southerly, a distance of 63.3 feet to a corner; thence Westerly, a distance of 127.3 feet to a corner; thence Southerly, a distance of 51.8 feet to a corner; thence Southeasterly, a distance of 270.0 feet to a corner; thence Southerly, a distance of 167.9 feet to a corner; thence Easterly, a distance of 126.6 feet to a corner; thence Southerly, a distance of 189.0 feet to a corner; thence Westerly, a distance of 129.4 feet to a corner; thence Southwesterly, a distance of 50.1 feet to a corner; thence Southerly, a distance of 169.1 feet to a corner; thence Westerly, a distance of 70.1 feet to a corner; thence Southerly, a distance of 184.8 feet to a corner; thence Southeasterly, a distance of 72.6 feet to a corner; thence Easterly, a distance of 562.2 feet to the place of beginning; and

Upon an easement 10.0 feet in width, the centerline of which is described as follows:

Beginning at a point 778.3 feet distant West of the centerline of said Race Street and 1655.0 feet distant North of the centerline of said George Huff Drive; thence Northerly, 35.0 feet, more or less, to the location of an existing power pole; and

Upon an easement 10.0 feet in width, the centerline of which is described as follows:

Beginning at a point 840.3 feet distant West of the centerline of said Race Street and 1655.0 feet distant North of the centerline of said George Huff Drive; thence Northerly, a distance of 74.9 feet to the junction of an existing gas pipeline; and

Upon an easement 10.0 feet in width, the centerline of which is described as follows:

Beginning at a point 893.8 feet distant West of the centerline of said Race Street and 1593.2 feet distant North of the centerline of said George Huff Drive; thence Northeasterly, a distance of 105.0 feet, more or less, to the location of an existing power pole; and

Upon an easement 10.0 feet in width, the centerline of which is described as follows:

Beginning at a point 271.5 feet distant West of the centerline of said Race Street and 543.6 feet distant North of the centerline of said George Huff Drive; thence Easterly, a distance of 241.5 feet to the West property line of said Race Street; and

Upon an easement 10.0 feet in width, the centerline of which is described as follows:

Beginning at a point 392.8 feet distant West of the centerline of said Race Street and 548.6 feet distant North of the centerline of said George Huff

Drive; thence Southerly, a distance of 114.5 feet to a corner; thence Westerly, a distance of 20.0 feet; and

Upon an easement 10.0 feet in width, the centerline of which is described as follows:

Beginning at a point 412.8 feet distant West of the centerline of said Race Street and 445.3 feet distant North of the centerline of said George Huff Drive; thence Northeasterly, a distance of 110.7 feet; and

Upon an easement 20.0 feet in width, the centerline of which is described as follows:

Beginning at a point 494.6 feet distant West of the centerline of said Race Street and 548.6 feet distant North of the centerline of said George Huff Drive; thence Northerly, a distance of 174.6 feet.

On motion of Mr. Swain, the foregoing resolution was adopted.

FEDERAL GRANT FOR CLINICAL RESEARCH CENTER

(17) The Vice-President for the University of Illinois at the Medical Center, Chicago, reports that the National Institutes of Health has approved a grant of \$450,000 for the period January 1, 1962, through September 30, 1963, for establishment of a Clinical Research Center in the Research and Educational Hospitals for the Department of Medicine. Application for this grant had previously been authorized by the Board.

On motion of Mrs. Watkins, acceptance of this grant was authorized.

Mr. Dilliard moved that the Board of Trustees send a letter to the Chairman of the appropriate Congressional Committee urging that the percentage of indirect costs now paid for grants received from the Department of Health, Education, and Welfare be increased; and that copies of this letter be sent to the Illinois delegation in Congress. This motion was unanimously adopted.

BEQUEST OF DAVID MORTIMER OLKON

(18) The will of the late Dr. David Mortimer Olkon of Los Angeles, California, an alumnus and a former member of the faculty of the College of Medicine, includes the following bequest to the University:

The sum of Six Thousand Dollars (\$6,000.00) to the University of Illinois to be held in perpetual trust and to be known as the "David Mortimer Olkon, M.D., Scholarship Fund." The income of said trust shall be paid annually to two outstanding senior medical students in the Departments of Neurology and Psychiatry, to be selected on the basis of excellence and scholastic standing by the Dean of the Medical School and the heads of each of said departments.

The University has received payment of the bequest in the amount of \$6,679.98, which includes interest earned during the settlement of the estate.

On motion of Mrs. Watkins, acceptance of this bequest was authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(19) The Comptroller's report of contracts executed during the period February 1 to 28, 1962.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Air Force AF-AFOSR 62-215	Electronic structure of ionic crystals	\$ 84 294 00	February 1, 1962
United States Air Force AF-AFOSR 62-250	Modulation of light by electro-optical means	49 975 00	February 1, 1962
United States Air Force AF 29 (601) 5007	Analytical study of tunnels in rock	21 500 00	February 1, 1962
United States Air Force AF 33 (657) 7619	Time and temperature dependence of the ductile brittle transition in metals	20 397 00	November 1, 1961

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Air Force AF 33 (658) 47	Multiple panel reinforced concrete floor slabs	\$ 2 500 00	December 30, 1961
United States Air Force AF 41 (609) 1481	Determinants of monitoring behav- ior in complex tasks	19 642 00	February 1, 1962
United States Army DA 49-193-MD-2222	Experimental ketosis in man	27 806 00	February 1, 1962
United States Army DA SIG 36-039-62-G 19	Investigation of water droplet coa- lescence	35 000 00	January 31, 1962
United States Atomic Energy Commission AT (11-1) 1142	Field of radio chemistry	36 720 00	February 1, 1962
United States Depart- ment of Agriculture 12-14-100-5318 (45)	Simple and reliable diagnostic test for hog cholera	6 000 00	January 26, 1962
United States Depart- ment of Agriculture 12-14-100-5770 (74)	Development of methodology and physiological studies relating to characteristics of dry bean prod- ucts	45 530 00	January 23, 1962
United States Depart- ment of Health, Edu- cation, and Welfare OE 2-10-087	Comparison between two kinds of secondary mathematics courses with respect to intellectual changes	47 393 00	February 1, 1962
<i>Total</i>		<u>\$396 757 00</u>	

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Chicago Title & Trust Co. (emergency—approved by the President)	Title policy, site of Medical Sciences Building Addition	\$ 2 700 00	January 26, 1962

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
International Harvester Co.	Farm machinery lease, two manure spreaders, one platform carrier	\$ 150 29	August 10, 1961

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Association of American Railroads	Causes of failures in railroad rails in service	\$ 19 500 00	December 11, 1961
National Warm Air Heating and Air Conditioning Association	Heating, ventilating, and air con- ditioning as related to warm-air furnace heating	29 175 00	January 26, 1962
Portland Cement Association	Strength and deformation charac- teristics of reinforced concrete beam-column connections sub- jected to axial and transverse loads	35 000 00	January 22, 1962
United States Air Force AF 29 (601) 4302	Energy absorbing characteristics of soil and rock	25 000 00	January 1, 1962
United States Air Force AF 33 (600) 31319	Testing of concrete strips and slabs reinforced with continuous steel plate	1 249 93	January 3, 1962
United States Army DA 11-022-ORD-2705	Interaction of interstitial impurities with defect in B.C.C. metals	936 94	February 19, 1962
United States Army DA 19-129-QM-1709	Influence of tomato constituents on flavor of irradiated milk	15 630 00	December 7, 1961
United States Atomic Energy Commission AT (11-1) 971	Properties of the inert gas solids	28 056 00	February 1, 1962
United States Navy NObs-77008	Low-cycle, high-stress fatigue be- havior	30 000 00	December 15, 1961
United States Navy Nonr 1834 (09)	Properties and kinetics of heat re- sistant enzymes found in bacterial spores	600 00	December 20, 1961
<i>Total</i>		<u>\$185 147 87</u>	

Adjustments Made in 1961-62 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Twenty-three items: \$63.23 deduct to \$1,925.00	\$ 7 819 76	January and February, 1962
M. E. Hollett (Painting)	Three items: \$156.30 to \$938.70	1 321 86	December, January and February, 1961 and 1962
<i>Total</i>		<hr/> \$ 9 141 62	

This report was received for record.

ACCIDENTAL DEATH, DISMEMBERMENT, AND TOTAL PERMANENT DISABILITY INSURANCE

(20) Bids have been taken on a voluntary Group Accidental Death, Dismemberment, and Permanent Total Disability Insurance program for the employees of the University and its branches for a period of three years with the right reserved to renew the contract thereafter upon the mutual agreement of the University and the insuring company.

The Vice-President and Comptroller recommends the contract be awarded to H. R. Bresee and Company, Champaign, as agent for the American Casualty Company, Reading, Pennsylvania, the lowest bidder, at the following monthly rates for the four optional amounts of insurance.

Amounts of Insurance:	\$10,000	\$25,000	\$50,000	\$100,000
Premium per Month:	\$42	\$1.17	\$2.73	\$6.27

The entire cost of the insurance will be paid by the employees electing the coverage.

The policy will provide world-wide coverage for loss resulting from any accidental bodily injury sustained while the policy is in force, except for limited standard exclusions.

The policy will provide coverage for all forms of travel, including air travel as a passenger in any licensed aircraft.

The Finance Committee has approved the program in principle and authorized the taking of bids.

I concur.

On motion of Mr. Swain, this recommendation was approved.

ACQUISITION OF PROPERTY AT 1305 WEST STOUGHTON STREET, URBANA

(21) The property at 1305 West Stoughton Street, Urbana, is in the University's long-range development plan announced in 1958, and acquisition of this property is included in the University's program for 1961-63 to provide a site for the construction of an addition to the Digital Computer Laboratory. Funds are now available for the building construction and architectural studies have been started.

The property was purchased in September, 1961, by Mr. Samuel H. Young, Chicago. The Buildings and Grounds Committee authorized negotiations with the owner to purchase the property within appraised values, with the understanding that if the property can not be purchased through negotiations, condemnation proceedings be instituted for its acquisition.

Negotiations have been continued with the owner of the property, but he is unwilling to sell for a price within the appraised values. Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend adoption of the following resolution authorizing condemnation proceedings.

Resolution

Be It, and It Is Hereby Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following-described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

Lot Three (3) in Block Fifty-Four (54) of the Seminary Addition to Urbana, situated in the City of Urbana, County of Champaign, and the State of Illinois:

is needed by the University of Illinois, an educational institution established and

supported by the State of Illinois, for a site for an addition to the Digital Computer Laboratory and for related educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University of Illinois to discharge its duty to the people of said State and for public use; that funds have been appropriated by the General Assembly of the State of Illinois for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owner of said land for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owner has refused to sell and convey said land, or any portion thereof, to said The Board of Trustees of the University of Illinois for such price and continues to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

Be It, and It Is Hereby Further Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land can not be agreed upon between this Board of Trustees and the owner of said property and he and it are unable to agree upon the purchase price to be paid to said owner for the sale and conveyance of said land by said owner thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owner thereof for such land can not be agreed upon between him and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owner thereof and any and all other persons who may have any right, title, or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby, authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

On motion of Mr. Pogue, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

PURCHASES

(22) The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

Item	Department	Vendor	Cost
504 bottles Lipomul I.V., a high carbohydrate food supplement given to patients who require intravenous feeding (this amount represents a three-month supply)	Pharmacy Stores	The Upjohn Co., Chicago	\$ 2 948 40 net delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Ten dental units, ten junior motor dental chairs, and ten dental lights to replace obsolete and obsolescent equipment being traded in	Pedodontics	Ritter Co., Inc., Rochester, N.Y.	\$18 535 00 net delivered
One linear mirror monochromator with two prisms and accessories	Pharmacognosy and Pharmacology	W. H. Kessel & Co., Chicago	4 213 00
One lot laboratory supplies consisting of 24 screw compressors, 24 bags of corks, 9 dozen rolls parafilm, 12 glass marking pencils, 36 boxes dispo-pettes, 72 pro-pipets, 1,300 gross microscope slides, 6,600 feet plastic tubing, and 600 cases of Pyrex laboratory glassware	Various	Chicago Apparatus Co., Chicago	17 690 50 net delivered

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One whole body scintillation gamma ray counter, consisting of a steel chamber, 9 ft. high, 10 ft. wide, and 9 ft. long, outside dimensions, of 5-in. plate; a liquid detector system of 2 pi motorized horizontal wells facing each other and one tube analyzer for automatic print out of data, to equal or exceed minimum performance characteristics as set forth by the Department of Animal Science staff (the whole body scintillation counting chamber is a device which, as proposed, will be used to measure the natural radioactive potassium, known as K-40, in an animal and by this measurement, provide a basis for determining the amount of muscle — usable meat — in an animal without destructive effects)	Animal Science	Metrix, Inc., Deerfield	\$71 155 00 f.o.b. delivered and installed
One plant growth chamber including both fluorescent and incandescent lamps, seven-day wet and dry bulb recorder, temperature range from 32°F to 90°F and precise control of temperature and humidity	Botany	Percival Refrigeration & Manufacturing Co., Boone, Iowa	4 010 00 f.o.b. delivered
One x-ray diffraction unit with four-window cu x-ray tube and four-window port, voltage and current regulation to 60 kv and 60 MA, automatic stabilization, water cooled, 220 volt, 60 cycle; one powder diffraction camera 114.6 mm., and camera mount with motor	Ceramic Engineering	Erb & Gray Scientific, Inc., Oak Park	5 006 00 f.o.b. delivered
One gas chromatograph, manual temperature programming, flame ionization detector, recorder, and disc integrator	Chemistry and Chemical Engineering	Wilkens Instrument & Research, Inc., Walnut Creek, Calif.	2 554 75 f.o.b. delivered
One surface grinding machine, 8 in. x 24 in. size, complete with motors, controls, and flood and mist type coolant system	Chemistry and Chemical Engineering	DoALL Rockford Co., Rockford	7 146 69 f.o.b. delivered
One toolroom lathe, 15 in. x 30 in. size, complete with all standard equipment, motor, and controls	Chemistry and Chemical Engineering	The R. K. LeBlond Machinery Co., Oak Park	5 108 00 f.o.b. Cincinnati, Ohio
Three centrifuges, automatic superspeed refrigerated with superspeed and large capacity rotors, sustained temperature range -15°C to +35°C	Chemistry and Chemical Engineering	Ivan Sorvall, Inc., Norwalk, Conn.	7 708 50 f.o.b. delivered
Laboratory furniture, including two wall tables, one center table, sinks, and gas, electric, and water fixtures for installation in Engineering Research Laboratory basement	Coordinated Science Laboratory	Borroughs Manufacturing Co., Kalamazoo, Mich.	2 972 68 f.o.b. delivered
One microdensitometer, with Tungsten filament bulb as a light source, with a graded spectrum filter to select any wave-length between 400°A and 7000°A with an adjustable light beam	Dairy Science	National Instrument Labs., Inc., Washington, D.C.	13 500 00 f.o.b. delivered, including freight and installation
One mechanically tuned reflex klystron, frequency range 67-73 kmc, minimum mid-band power output of 100 MW, resonator voltage 2600 V maximum	Electrical Engineering	Newark Electronics Corp., Chicago	2 930 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One testing machine, universal type, 120,000 pound capacity, 4 screws, 96 in. maximum vertical testing space, with electronic stress recorder, automatic programming controller, and accessories, 220 volt, 60 cycle, 3 phase	Forestry	Labquip Corp., Chicago	\$21 590 00 f.o.b. delivered and installed
One volumetric fraction collector with timer unit	Microbiology	Schaar & Co., Chicago	3 015 00 f.o.b. delivered
One electrophorator for blood protein investigation, determination of hemoglobin, and other investigations in biological research			
50 liquid liters deuterium, low tritium	Physics- Betatron	E. O. Lawrence Radiation Laboratory, Berkeley, Calif.	5 000 00 f.o.b. Berkeley, Calif.
One audiometric testing room, outside dimensions 96 in. x 92 in., inside dimensions 88 in. x 84 in., overall height 89 in., inside height 78 in., with following sound attenuation characteristics: <i>octave bands in cycles per second</i> 37.5-75 150-300 600-1200 2400-4800 75-150 300-600 1200-2400 4800-10,000 <i>attenuation in decibels</i> 20 39 53 56 27 49 56 54	Speech and Theatre	Gordon N. Stowe & Associates, Northbrook	3 386 36 delivered and installed
One prefabricated audiometric examination room: outside dimensions 112 in. x 108 in., inside dimensions 88 in. x 84 in., double wall installation, with following sound attenuation characteristics: <i>octave bands-cycles per second</i> 37.5-75 150-300 600-1200 2400-4800 75-150 300-600 1200-2400 4800-10,000 <i>attenuation in decibels</i> 26 46 60 72 30 54 72 68	Speech and Theatre	Gordon N. Stowe & Associates, Northbrook	6 056 18 f.o.b. delivered and installed
One automatic data reduction equipment for analyzing strip, folded, and rolled chart records and 16, 35, and 70 mm. films records; includes facilities for connection to decimal converter, provision for film projection, film projector, decimal converter with facilities for connection to electrotypewriter and key punch, and time line counter and channel counter module	State Water Survey	Benson-Lehner Corp., Santa Monica, Calif.	12 250 00 f.o.b. delivered
One movie camera, high speed 16mm, 400 ft. capacity, 700 to 18,000 pictures per second	State Water Survey	Watland, Inc., Chicago	3 430 00 f.o.b. delivered
One goose control unit for above camera			
Ten stereomicroscopes, magnification 10.5X to 45X, with sealed power pod and inclined eyepieces, complete with ten illuminators with prefocused lamps, and adjustable intensity transformer bases less trade-in of six obsolete microscopes	Zoology	Scientific Products Division, American Hospital Supply Corp., Evanston	2 671 68 f.o.b. delivered and installed
Print and bind 45,000 copies of Undergraduate Study, 1962-63, approximately 352 pages per copy, trim size 6 in. x 9 in.	University Press	Cuneo Press, Inc., Chicago	16 759 30 f.o.b. delivered
Print and bind 30,000 copies of Undergraduate Courses, 1962-63, approximately 240 pages per copy, trim size 6 in. x 9 in.	University Press	R. R. Donnelley & Sons Co., Inc., Chicago	9 110 00 f.o.b. delivered
Print and bind 30,000 copies of the Graduate College Catalog, 1962-63, approximately 320 pages per copy, trim size 6 in. x 9 in.	University Press	The Interstate Printers & Publishers, Inc., Danville	12 508 00 f.o.b. delivered
Print and bind 35,000 copies of the Time Table, First Semester, 1962-63, approximately 360 pages per copy including self cover, trim size 5½ in. x 8½ in.	University Press	Cuneo Press, Inc., Chicago	9 180 50 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Approximately 6,500 diplomas for the Urbana campus and the Medical Center, Chicago, for graduation in June, August, and October, 1962, and February, 1963	Office of Admissions and Records	Star Engraving Co., Houston, Texas	\$ 2 535 00 f.o.b. delivered
Rental of caps, gowns, and hoods for graduating students, faculty, and members for the June 16, 1962 commencement. Estimated number of costumes required for the Urbana and Chicago campuses: 1,733 Bachelors 362 Masters 292 Doctors (Ph.D.) 195 Doctor of Medicine 95 Doctor of Dental Surgery	Commencement, Chicago and Urbana	Collegiate Cap & Gown Co., Champaign (Urbana requirements) E. R. Moore Co., Chicago (Chicago requirements)	5 645 00 1 855 50 (7 500 50) f.o.b. delivered
1,114 captain's chairs (study arm chairs) for use in the student rooms of the Pennsylvania Avenue Residence Hall	Housing Division	S. Buckman Furniture & Supply Co., Spring Valley	26 969 94 f.o.b. delivered
50,000 sets combination purchase order-delivery invoice-voucher forms, eleven part, snap out construction, approximately 8½ in. x 11 in. detached	Office Supply Storeroom	Uarco, Inc., Decatur	4 926 95 f.o.b. delivered
25,000 sets combination tracer and delivery invoice-voucher forms, seven part, snap out construction, approximately 8½ in. x 11 in. detached			
20,000 sets unnumbered delivery invoice-voucher forms, four part, no carbon, approximately 8½ in. x 11 in. detached			
Steel office desks, tables, and filing cabinets for storeroom stock to be distributed to various departments on Urbana and Chicago campuses, shipments to be made in March, April, and July, 1962	Office Supply Storeroom	All-Steel Equipment, Inc., Aurora	77 313 05 f.o.b. delivered
1,645 reams paper, book, white machine coated letterpress enamel of various sizes and weights (this is an estimated twelve-month supply)	Office Supply Storeroom	Dwight Brothers Paper Co., Chicago	19 381 40 f.o.b. delivered
Removal of 570 elm tree stumps on Urbana campus	Physical Plant	M. F. Burwash and F. J. McNelis, Gibson City	2 536 50
Approximately 280 window air-conditioning units of various sizes and voltages to be furnished as required during period April 1, 1962, through September 30, 1962, at Urbana and Chicago	Physical Plant	Yeomans Distributing Co., Peoria	53 907 26 f.o.b. delivered
Structural steel framing for aircraft maintenance stockroom, including columns, girders, purlins, struts, bracing, setting plates, column base plates, anchor bolts and other required items to construct 52 ft. 8 in. x 90 ft. building	Institute of Aviation	Macomber, Inc., Rock Island Steel Division, Rock Island	4 842 09 f.o.b. delivered to construction site
One spectrophotometer, recording, range 1750-8000 angstroms, variable scanning speed, absorbance with 0-0.1 full scale expansion, with thermostated absorption cell compartment, 10 in. recording chart	Chemistry and Chemical Engineering	Applied Physics Corp., Chicago	13 105 00 f.o.b. delivered
One centrifuge, stainless steel, vapor tight compartment, for rapid harvesting of microorganisms from 50-100 gallon batch fermenters	Chemistry and Chemical Engineering	The Sharples Corp., Chicago	7 904 00 f.o.b. delivered
One antenna pattern system consisting of one rectangular antenna pattern recorder with logarithmic pen response, one azimuth positioner with maximum vertical load of 3,000 lbs., one dual position indicator 36:1 and 1:1 synchro gear ratios, one positioner control unit, one desk cabinet, and one set connecting cables	Electrical Engineering	Scientific-Atlanta Inc., c/o Pivan Engineering Co., Indianapolis, Ind.	7 480 00 f.o.b. Atlanta, Ga.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One antenna pattern system consisting of one combination polar-rectangular recorder having logarithmic, linear, and square root response, and one wide range receiving system with frequency range of 30 MC to 100 KMC with no band change in critical operating range of 100 MC to 2000 MC	Electrical Engineering	Scientific-Atlanta, Inc., c/o Pivan Engineering Co., Indianapolis, Ind.	\$16 475 00 f.o.b. Atlanta, Ga.
One UHF power signal generator, cabinet type, with removable front cover, frequency range 275 to 2750 MC, frequency stability .005 per cent over a two-hour period	Electrical Engineering	Rohde & Schwarz Sales Co., (U.S.A.), Inc., Chicago	3 872 50 f.o.b. delivered
One cell fractionator	Microbiology	Ivan Sorvall, Inc., Norwalk, Conn.	7 455 00 f.o.b. delivered
One centrifuge, refrigerated, with temperature range for sustained operation down to -15°C			
650 Juniperus Chinenses Sargentii (Sargent Juniper evergreens) for Green Street landscaping	Physical Plant	Wandell's Twin City Nursery, Urbana	2 937 50 f.o.b. delivered

On motion of Mr. Harewood, these purchases were authorized, as recommended.

HEADSHIP OF DEPARTMENT OF MECHANICAL AND INDUSTRIAL ENGINEERING

(23) The Dean of the College of Engineering recommends the appointment of Dr. Helmut H. Korst as Professor of Mechanical Engineering on indefinite tenure and Head of the Department of Mechanical and Industrial Engineering beginning September 1, 1962, at an annual salary of \$18,000 on "A" basis.

The appointment is recommended by a search committee¹ and has the concurrence of the Executive Vice-President and Provost and the Dean of the Graduate College, and is to fill the vacancy created by the appointment of Professor Norman A. Parker as Vice-President for the Chicago Undergraduate Division. In submitting the recommendation, the Dean has made the following supporting statement: "Professor Korst is a scholar of international eminence. In my travels both in the United States and abroad, his name is frequently mentioned as one of our most able faculty members. Not only is he an outstanding scholar, but he also has proven himself to be an able teacher, interested in the students in the department as individuals, and a counselor who is highly respected by his fellow faculty members."

The Dean also recommends the appointment of Professor S. Konzo as Professor of Mechanical Engineering on indefinite tenure and as Associate Head of the Department of Mechanical and Industrial Engineering beginning September 1, 1962, the salary of this position to be determined when the budget for 1962-63 is submitted for approval. Professor Konzo has been serving as Acting Head of the Department since January 1, 1961.

The Chairman, and the other four members of the search committee, excluding Professor Konzo, strongly support the latter's appointment as Associate Head, stating that in their opinion he and Professor Korst will be an effective team.

I concur in these recommendations.

On motion of Mrs. Watkins, these appointments were approved.

FIRST SUPPLEMENTAL ASSEMBLY HALL REVENUE BOND RESOLUTION

Mr. Swain offered the following resolution and moved its adoption:

First Supplemental Assembly Hall Revenue Bond Resolution

A RESOLUTION CREATING AND AUTHORIZING THE ISSUE, AUTHENTICATION, AND DELIVERY OF \$600,000 ASSEMBLY HALL REVENUE BONDS, SERIES 1962, AND SUPPLE-

¹ Professors N. M. Newmark, Head of the Department of Civil Engineering; H. S. Stillwell, Head of the Department of Aeronautical and Astronautical Engineering; S. Konzo, Acting Head of the Department of Mechanical and Industrial Engineering; R. G. Hering, Assistant Professor of Mechanical Engineering; J. W. Bayne, Associate Professor of Mechanical Engineering; and K. J. Trigger, Professor of Mechanical Engineering, Chairman.

MENTING A RESOLUTION DULY ADOPTED BY THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS ON JUNE 23, 1959.

WHEREAS, The Board of Trustees of the University of Illinois, on due consideration and investigation, does now find and determine that it is advisable and necessary and in the interests of the University of Illinois and the welfare of its students and faculty to make certain improvements, additions, and modifications in the construction and equipping of the Assembly Hall (the "Project") now in the process of construction; and

WHEREAS, in order to provide funds for such improvements, additions, and modifications it is advantageous to the University and necessary that the University borrow money and issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes 1961, and all laws amendatory thereof and supplemental thereto; and

WHEREAS, The Board of Trustees of the University of Illinois on June 23, 1959 did duly adopt a resolution (herein sometimes called "Original Resolution") providing for the issuance of revenue bonds and under the terms of said Original Resolution did create and issue an initial issue of Bonds in the aggregate principal amount of \$7,750,000 consisting of Bonds designated "The Board of Trustees of the University of Illinois Assembly Hall Revenue Bonds, Series 1959"; and

WHEREAS, The Board of Trustees of the University of Illinois now desires to create and to authorize the issue, authentication and delivery of an additional issue of Bonds under and in accordance with the Original Resolution as supplemented by this First Supplemental Resolution thereto, which additional Bonds are to be limited to the aggregate principal amount of \$600,000 at any one time outstanding, to be known as "The Board of Trustees of the University of Illinois Assembly Hall Revenue Bonds, Series 1962" (hereinafter called "Series 1962 Bonds").

Now, Therefore, Be It Resolved by The Board of Trustees of the University of Illinois:

ARTICLE ONE

SERIES 1962 BONDS AND THE ISSUANCE THEREOF

SECTION 1.1. *Purpose of Issue of Series 1962 Bonds.* The estimated cost of providing certain improvements, additions, and modifications to the Project deemed by The Board of Trustees to be necessary and desirable is \$600,000, all as more fully set forth in change orders or in the plans and specifications therefor on file with the Comptroller of the University, and it is hereby determined that in order to produce the funds necessary to provide such improvements, additions, and modifications of the Project, that the University borrow the sum of Six Hundred Thousand Dollars (\$600,000) and in evidence thereof to issue additional Assembly Hall Revenue Bonds hereunder in said principal amount.

SECTION 1.2. *Terms of Series 1962 Bonds.* There is hereby created and authorized a series of Bonds to be issued hereunder which shall be substantially in the form and of the tenor and purport hereinafter set forth, to be designated "The Board of Trustees of the University of Illinois Assembly Hall Revenue Bonds, Series 1962" (hereinafter called "Series 1962 Bonds") and shall be limited to the aggregate principal amount of Six Hundred Thousand Dollars (\$600,000) at any one time outstanding.

The Series 1962 Bonds shall be issued as negotiable coupon bonds dated March 1, 1962, registrable as to principal in the denomination of \$1,000 or as fully registered Bonds without coupons, dated as of the interest payment date to which interest was last paid, next preceding the date of issue, unless on an interest payment date on which interest was paid, in which case they shall be dated as of the date of issue, or unless issued prior to October 1, 1962, in which case they shall be dated March 1, 1962. Fully registered Bonds without coupons, shall be numbered in such manner as may be designated by the Comptroller and shall be issued in denominations of \$1,000 or multiples thereof. The Series 1962 Bonds shall bear interest from March 1, 1962, payable semi-annually on the first days of April and October in each year until paid, commencing October 1, 1962, at the rate of four per cent (4%) per annum and shall be expressed to mature on October 1, 1985.

The Series 1962 Bonds shall be redeemable prior to their maturity at the

option of The Board of Trustees, either in whole or in part, on any interest payment date on and after, but not prior to October 1, 1971, at the principal amount thereof, together with the interest accrued thereon to the date fixed for redemption plus a premium of the following percentages of such principal amount if redeemed during the following periods respectively:

<i>Period of Redemption</i>	<i>Applicable Premium</i>
October 1, 1971 through October 1, 1974.....	4%
April 1, 1975 through October 1, 1977.....	3%
April 1, 1978 through October 1, 1980.....	2%
April 1, 1981 through October 1, 1983.....	1%
April 1, 1984 and thereafter without premium.	

The Series 1962 Bonds shall also be redeemable prior to their maturity on any interest payment date on and after, but not prior to October 1, 1966 or the date of redemption of all Series 1959 Bonds, whichever shall last occur, through the operation of the Bond Retirement Account at the principal amount thereof, together with interest accrued thereon to the date fixed for redemption but without premium.

The Series 1962 Bonds shall also be redeemable through the operation of the Fixed Sinking Fund provided for in Article Two of this First Supplemental Resolution, in which case such redemption shall be upon payment of the principal amount of the Bonds to be redeemed or portion of such principal amount to be redeemed and accrued interest thereon to the date fixed for redemption and without premium. All redemptions shall be made in the manner, upon the notice, and with the effect provided in Article Three of the Original Resolution.

SECTION 1.3. *Payment of Principal and Interest.* Both the principal of and the interest on the Series 1962 Bonds shall be payable in any coin or currency which on the respective date of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at the Sears Bank & Trust Company, or its successor, in the City of Chicago, Illinois.

SECTION 1.4. *Form of Registered Series 1962 Bonds.* The form of fully registered Series 1962 Bonds without coupons, the form of principal payment record and the form of assignment to appear on all fully registered Bonds shall be in substantially the following forms with appropriate insertions, omissions, and variations to evidence differences in number, amount, interest rate, and like matters:

(Form of Registered Bond Without Coupons)
 UNITED STATES OF AMERICA
 STATE OF ILLINOIS
 THE BOARD OF TRUSTEES OF THE UNIVERSITY
 OF ILLINOIS ASSEMBLY HALL
 REVENUE BOND
 SERIES 1962

No. \$.....

The Board of Trustees of the University of Illinois, a body corporate, created and existing under the laws of the State of Illinois, for value received promises to pay (but only out of the Assembly Hall Revenue Bond Fund as hereinafter provided for, and not otherwise) to, or registered assigns, on October 1, 1985, the principal sum of Dollars (\$.....) and to pay interest thereon (which shall be paid by check or draft mailed to the registered owner at his address as it appears on the bond registration books of the University), at the rate of four per cent (4%) per annum on the unpaid balance thereof, said interest being payable October 1, 1962, and semi-annually thereafter on the first days of April and October in each year from the date hereof until the principal amount hereof has been fully paid.

Both principal hereof and interest hereon are made payable in any coin or currency which on the respective dates of payment of such principal and interest is legal tender for the payment of debts due the United States of America, at the Sears Bank and Trust Company, or its successor, in the City of Chicago, Illinois.

This bond is one of an initial authorized issue of Six Hundred Thousand Dollars (\$600,000) principal amount of Assembly Hall Revenue Bonds, Series

1962, issued and to be issued pursuant to a Bond Resolution of The Board of Trustees of the University of Illinois duly adopted June 23, 1959 as supplemented by a First Supplemental Resolution duly adopted March 17, 1962 (said Bond Resolution as so supplemented being herein referred to as the "Resolution"), for the purpose of providing funds for paying the cost of constructing and equipping an Assembly Hall and making certain improvements, additions, and modifications thereto as set forth in the Resolution. Said Resolution, among other things, provides for the issuance of additional bonds pursuant thereto in the manner and upon the terms and conditions more fully set forth therein.

The bonds of this series are redeemable prior to their maturity at the option of The Board of Trustees, either in whole or in part, on any interest payment date on and after, but not prior to October 1, 1971, at the principal amount thereof, together with the interest accrued thereon to the date fixed for redemption plus a premium of the following percentages of such principal amount if redeemed during the following periods respectively:

<i>Period of Redemption</i>	<i>Applicable Premium</i>
October 1, 1971 through October 1, 1974.....	4%
April 1, 1975 through October 1, 1977.....	3%
April 1, 1978 through October 1, 1980.....	2%
April 1, 1981 through October 1, 1983.....	1%
April 1, 1984 and thereafter without premium.	

The bonds of this series are also redeemable prior to their maturity on any interest payment date on and after, but not prior to October 1, 1966 or the date of redemption of all of the Series 1959 Bonds heretofore issued under the Resolution, whichever shall last occur, through the operation of the Bond Retirement Account, together with interest accrued thereon to the date fixed for redemption but without premium.

The bonds shall also be redeemable through the operation of the Fixed Sinking Fund provided for in Article Two of the First Supplemental Resolution, in which case such redemption shall be upon payment of the principal amount of the bonds to be redeemed or portion of such principal amount to be redeemed and accrued interest thereon to the date fixed for redemption and without premium. All redemptions shall be made in the manner, upon the notice, and with the effect provided in the Resolution.

Notice of redemption of any or all of said bonds shall be published once a week for two successive calendar weeks, the first such publication to be not less than thirty days prior to the date of redemption, such publication to be made in one daily newspaper published and of general circulation in the City of Chicago, Illinois, unless all bonds at the time outstanding shall be in fully registered form in which case such notice may be given only by registered or certified mail, and when this bond or any of the bonds of such authorized issue (or any portion thereof) shall have been duly called for redemption, interest thereon (or on such portion called for redemption) shall cease from and after the specified redemption date if redemption moneys are available for payment of all bonds (or the portions thereof) called for redemption.

This bond and the series of which it forms a part is issued under the authority of The Board of Trustees of the University of Illinois to issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1961, and all laws amendatory thereof and supplemental thereto and the Resolution above referred to.

This bond is payable, both as to principal and interest, only from the revenues required to be credited to the Assembly Hall Revenue Bond Fund as provided in the Resolution; which revenues are to be derived from (1) the operation of the revenue producing facilities constructed, completed, and equipped with the proceeds of this bond issue, bonds heretofore issued pursuant to the Resolution and additional bonds which may hereafter be issued pursuant to the Resolution, (2) the operation of any other revenue producing facilities which may subsequently be pledged pursuant to any supplemental resolution creating or authorizing additional bonds to be issued pursuant to the Resolution and (3) University income authorized by law to be retained in the University treasury (in addition to the student service charges made for the use of the facilities), but not in excess of \$200,000 annually

plus such additional sums as may be specified in any resolution supplemental to the Resolution creating or authorizing the issuance of additional bonds. This bond and the series of which it forms a part do not constitute an indebtedness of said University of Illinois, The Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University, of said Board of Trustees, or the State of Illinois is pledged to the payment of this bond or the interest thereon.

Subject to the provisions for registration and transfer contained herein and in the Resolution, this bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and shall be transferable by the registered owner at the principal office of the Comptroller of the University, upon surrender and cancellation of this bond and thereupon a new registered bond without coupons of the same principal amount, interest rate, and maturity will be issued to the transferee as provided in the Resolution and upon payment of charges and otherwise as therein prescribed. The Board of Trustees of the University of Illinois, the Trustee and any other person may treat the person in whose name this bond is registered as the absolute owner hereof for the purpose of receiving payment and for all other purposes and shall not be affected by any notice to the contrary whether this bond be overdue or not.

The bonds of this series are issuable as coupon bonds registrable as to principal only in the denomination of \$1,000 and as registered bonds without coupons in the denomination of \$1,000 or a multiple thereof. The coupon bonds and the registered bonds without coupons are interchangeable on certain conditions only for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder or registered owner at the office of the Comptroller of the University and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of The Board of Trustees of the University of Illinois and of the holders of sixty-six and two-thirds per cent (66 $\frac{2}{3}$ %) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on or otherwise alter or impair the obligation of the University to pay the principal, interest, or redemption premiums at the time and place and at the rate and in the currency provided therein of any bond without the express consent of the holder, or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the Resolution, other than the lien and pledge created thereunder, or (iii) permit the creation by The Board of Trustees of the University of Illinois of any preference or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons, or (iv) reduce the percentage of principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the Resolution adopted by it, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facilities, as provided for in and by said Resolution, and to establish from time to time rules, rents, charges, and student fees for the use of said facilities and to maintain and collect rents and charges and to withhold student fees, sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions, and things required to exist, to happen, and to be performed, precedent to and in the issuance of this bond, have existed, have happened, and have been performed in

due form, time, and manner, as required by law and the applicable resolutions of The Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said facilities to be applied in the manner hereinabove set forth.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois has caused this bond to be executed by the facsimile signatures of its President and two of its members, the corporate seal of the University of Illinois to be hereto affixed (or a facsimile thereof to be reproduced hereon), and attested by its Secretary, and this bond to be dated as of the 1st day of, 19.....

THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

Attest: By:
Secretary President
.....
Member Member

(Form of Principal Payment Record on Registered Bonds Without Coupons)

NOTATION OF PAYMENTS OF PRINCIPAL ON THE WITHIN BOND BY
REDEMPTION OR RETIREMENT OF A PORTION THEREOF.

Date	Principal Amount Paid	Balance of Principal Amount Outstanding	By
.....
.....
.....

(Form of Assignment of Registered Bonds Without Coupons)

For Value Received
hereby sell, assign, and transfer unto
the within mentioned bond together with accrued interest thereon, and all right, title, and interest thereto and hereby irrevocably constitute and appoint attorney to transfer the same on the books of Registration of the University, with full power of substitution in the premises.

Dated
Witness

NOTE: The signature to this Assignment must correspond with the name as written on the face of the within bond in every particular, without alteration or enlargement or any change whatsoever.

SECTION 1.5. *Form of Coupon Series 1962 Bond.* Coupon Series 1962 Bonds issuable under the terms of this Resolution and all unmatured coupons appertaining thereto shall be in customary form and as nearly as practicable in the form of the fully registered Series 1962 Bonds set forth herein with appropriate insertions, omissions, and variations to evidence the customary differences between a coupon bond and a bond without coupons.

ARTICLE TWO

FIXED SINKING FUND FOR SERIES 1962 BONDS

SECTION 2.1. The University covenants that so long as any of the Series 1962 Bonds shall remain outstanding it will pay or cause to be paid out of funds in the Fixed Sinking Fund Account as and for a sinking fund to be used for the retirement of the Series 1962 Bonds, the sum of \$200,000 in cash on October 1 of each of the years 1983 and 1984 (October 1 of each of said years being hereinafter referred to as "sinking fund payment dates").

SECTION 2.2. All amounts so paid as and for the sinking fund shall be applied

to the redemption of outstanding Series 1962 Bonds in the manner and upon the terms and conditions specified in Article Three of the Original Resolution at a redemption price equal to the principal amount of the Series 1962 Bonds so redeemed, plus accrued interest thereon to the date of redemption and without premium. The University covenants that it will publish and/or mail notices as required by said Article Three not less than thirty (30) days prior to each sinking fund payment date so that the Series 1962 Bonds to be redeemed through the operation of said sinking fund will be redeemed on each of said sinking fund payment dates.

SECTION 2.3. It is the intention hereof that the sinking fund payments made under Section 2.1 shall be applied to the redemption of the Series 1962 Bonds in principal amount equal to such payments and that no part of such payment shall be used for the payment of interest or any expenses of such redemption. Accordingly the University covenants to pay from the Interest Account or the Interest Reserve Account simultaneously with or prior to each sinking fund payment a further sum equal to the unpaid interest to the designated redemption date on the Series 1962 Bonds to be redeemed and all expenses of redemption of the Bonds through the sinking fund shall be paid by the University from the Assembly Hall Revenue Bond Fund and shall not be charged against the moneys in the Fixed Sinking Fund Account.

ARTICLE THREE

MISCELLANEOUS

SECTION 3.1. *Application of Funds in the Bond Retirement Account.* Anything in the Original Resolution to the contrary notwithstanding, so long as any Series 1959 Bonds shall be outstanding, no funds on deposit in the Bond Retirement Fund shall be applied to the redemption of outstanding Series 1962 Bonds. However, from and after the redemption of all Series 1959 Bonds the University shall apply all funds on deposit in the Bond Retirement Fund to the redemption of outstanding Series 1962 Bonds and all Bonds of any other series then outstanding pursuant to the Resolution in the manner and upon the terms and conditions specified in Article Three of the Original Resolution at a redemption price equal to the principal amount of the Bonds so redeemed plus accrued interest thereon to the date of redemption but, in the case of the Series 1962 Bonds, without premium.

SECTION 3.2. *Interpretation and Construction.* This First Supplemental Resolution is supplemental to and is adopted in accordance with Sections 2.06, 4.02, and 11.05 of the Original Resolution and the holders of all of the outstanding Series 1959 Bonds have, pursuant to Section 11.04 of the Original Resolution, executed consents to the issuance of the Series 1962 Bonds without compliance with the provisions of Section 4.02 B (ii) of the Original Resolution. In all respects not inconsistent with this First Supplemental Resolution, the Original Resolution is hereby ratified, approved, and confirmed, and all of the definitions, terms, covenants, and restrictions of the Original Resolution shall be applicable to the additional Bonds authorized by this First Supplemental Resolution and the proceeds thereof except as otherwise expressly provided. All of the terms and provisions of this First Supplemental Resolution shall be deemed to be a part of the terms and provisions of the Original Resolution, and the Original Resolution and this First Supplemental Resolution shall be read, taken, and construed as one and the same instrument. In executing any Bond authorized by this First Supplemental Resolution each officer, agent, or employee of the University shall be entitled to all of the privileges and immunities afforded to them under the terms of the Original Resolution.

SECTION 3.3. *Resolution Effective on Passage.* This resolution shall become effective upon its passage.

STATE OF ILLINOIS }
COUNTY OF CHAMPAIGN } ss.

I, _____, do hereby certify that I am the duly elected, qualified, and acting Secretary of The Board of Trustees of the University of Illinois, and as such official have charge and custody of the minutes and records of said Board of Trustees.

I further certify that the attached resolution is a true, correct, and exact copy of the original resolution adopted by The Board of Trustees of the University of Illinois at its legally convened meeting held on the day of, 19....., all as appears of record in my office.

IN WITNESS WHEREOF I have hereunto set my hand and the seal of said University this day of, 19.....

.....
Secretary as aforesaid

The foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

RESOLUTION ON ASSEMBLY HALL BONDS PURCHASE AGREEMENTS

Mr. Swain offered the following resolution and moved its adoption:

Resolved by The Board of Trustees of the University of Illinois (hereinafter called the "University") as follows:

WHEREAS, the University has heretofore determined that it is necessary to borrow money and issue and sell its revenue bonds in order to produce the funds necessary to make certain improvements, additions, and modifications in the construction and equipping of the Assembly Hall, and the officers of the University have negotiated separate Bond Purchase Agreements (hereinafter sometimes called "Purchase Agreements") with Allstate Insurance Company and State Farm Mutual Automobile Insurance Company (said Insurance Companies being hereinafter sometimes referred to as "Purchasers"), providing for the sale to said Purchasers of \$600,000 aggregate principal amount of Assembly Hall Revenue Bonds, Series 1962 (hereinafter called "Bonds") of the University to be issued under and entitled to the benefit of the provisions and having the characteristics specified in the First Supplemental Bond Resolution applicable thereto, heretofore adopted by this Board of Trustees this date, and

WHEREAS, there are before this meeting copies of the form of Purchase Agreement to be entered into between the University and each of said Purchasers relative to the issue and sale by the University and the purchase by said Purchasers of the \$600,000 aggregate principal amount of said Bonds, and

WHEREAS, it appears to this Board of Trustees and the several members thereof that it would be desirable and for the best interests of the University to execute and deliver Purchase Agreements with said Purchasers substantially in the form now before this meeting and hereby approved, and to issue and sell the said Bonds in the aggregate principal amount of \$600,000;

Now, Therefore, Be It and It Is Hereby Resolved that the Comptroller of the University be and he is hereby authorized, empowered, and directed for and in the name on behalf of the University to execute and deliver separate Agreements with said Purchasers substantially in the form of the Purchase Agreements now before this meeting, with such changes therein as shall be approved by said Comptroller at the time of executing the same, providing for the issuance and sale to said Purchasers of \$600,000 aggregate principal amount of the Bonds at a price of 101.425687 per cent of the principal amount thereof, plus accrued interest thereon from the date of said Bonds to the date of delivery thereof, or such other price as shall be determined on the date of delivery of said Bonds to provide a yield of 3.90 per cent in accordance with standard financial practice, and the execution and delivery of such Purchase Agreements by the Comptroller of the University shall constitute conclusive evidence of his approval of any departure therein from the form of Purchase Agreement now before this meeting and hereby approved.

Resolved Further, that the proper officers of the University shall be and they are hereby authorized and directed to cause to be prepared an issue of \$600,000 principal amount of the said Bonds having the characteristics, including sinking fund and redemption provisions, specified therefor in the Bond Resolution applicable thereto, heretofore adopted, and forthwith upon the execution and

delivery of the said Purchase Agreements the proper officers of the University shall be and they are hereby authorized, empowered, and directed, for and in the name and under the corporate seal of the University to execute the said Bonds in the aggregate principal amount of \$600,000, and in such denominations as may be requested by the Purchasers thereof, and thereafter to sell and deliver the said \$600,000 aggregate principal amount of the Bonds to the Purchasers at a price of 101.425687 per cent of the principal amount thereof plus accrued interest thereon from the date of the said Bonds to the date of delivery thereof, or such other price as shall be determined on the date of delivery of said Bonds to provide a yield of 3.90 per cent in accordance with standard financial practice, and otherwise in accordance with the terms and provisions of the said Purchase Agreements to be entered into between the University and the Purchasers.

Resolved Further, that the proper officers of the University shall be and they are hereby authorized, empowered, and directed to do all such acts and things and to execute and deliver all such documents as may be necessary or by them deemed desirable in order to carry out the purpose and intent of these resolutions, and all of the acts and doings of the officers of the University which are consistent with the purpose and intent of these resolutions shall be and the same are hereby in all respects ratified, approved, and confirmed.

The foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

ADDITION TO CONTRACT FOR CONSTRUCTION OF ASSEMBLY HALL

(24) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$96,115.84 in the contract with Felmley-Dickerson Company for construction of the Assembly Hall to provide for improved access to the service entrance.

I concur.

On motion of Mr. Johnston, this change in contract was authorized.

REPORT OF COMMITTEE ON GENERAL POLICY AND FINANCE COMMITTEE ON REQUEST OF URBANA COMMUNITY SCHOOLS

Mr. Johnston and Mr. Swain submitted the following report:

Since 1950, the University has been making payments to local governments in Champaign County and elsewhere in the state of Illinois for municipal and other governmental services, sometimes referred to as payments "in lieu of taxes," on certain University housing properties rented to members of the faculty and to others (excluding, however, residence halls occupied by students), and on other properties which are operated solely on a revenue-producing basis and are not used as facilities for University educational and research programs. Such payments are authorized by state law enacted in 1949 and are wholly permissive, not mandatory. The law provides that the University may enter into an agreement with the State's Attorney of any county in which such properties are located for payments by the University to local governments on properties not used for educational purposes or for student housing, these payments in effect amounting to the taxes which would be levied if the properties were on the tax rolls.

The Board of Education of the Urbana Community Schools has requested that the Board of Trustees of the University of Illinois consider increasing the rate of payment being made on such University properties not on local property tax rolls to reflect any increase that may have been experienced in property values generally. The request was referred by the Board to its Committees on Finance and General Policy. The Committees have studied the request and now submit the following joint report. It deals solely with University properties in the city of Urbana.

Under the general practice described, the University has made payments "in lieu of taxes" for the years 1950 to 1960. For all properties other than the Student-Staff Apartments, the payments have been based upon the assessed valuation as determined by the local assessor in accordance with local practices,

and the University has made payment for services rendered in the same amounts as would have been payable as taxes if these properties were not exempt from taxation. The assessed valuations have been changed from time to time.

The assessed valuation for the first unit of the Student-Staff Apartments and the second unit of the Student-Staff Apartments has remained constant at \$425,000 and \$287,500, respectively. This is in accordance with an agreement with the State's Attorney's office and the local tax officials. In 1954 and later years the assessed valuation reflects only that portion of the valuation of the building which represents occupancy by full-time members of the staff. This, too, is in accordance with an agreement with the State's Attorney's office and reflects the University's policy of not paying "in lieu of taxes" on properties used for housing students.

The Finance Committee and the Committee on General Policy submit this report for adoption by the Board as a reply to the request from the Board of Education of the Urbana Community Schools. Any request for modification of this agreement should originate in the State's Attorney's office and the University would certainly be willing to reconsider the agreement as to the assessed valuation of the property, if a case can be made for modification. It should be pointed out, however, that modification of the appraised value will not have a substantial effect on total payments "in lieu of taxes," since the University paid only 14.15 per cent of the assessed valuation of the Student-Staff Apartment Building, First Unit, and 13.684 per cent of the assessed valuation of the Student-Staff Apartment Building, Second Unit, based on the occupancy by full-time staff members as of January 1, 1960; and it may be anticipated that this percentage would decrease in the future.

It should also be noted that the school district is entitled to receive from the Superintendent of Public Instruction the tuition costs for all students originating in facilities owned by the University or any other state agency, upon which payments "in lieu of taxes" are not otherwise made. Until recently, there was an insufficient number of students in this category to justify the Urbana school district billing the Superintendent of Public Instruction. To the extent that children are coming from housing facilities owned and operated by the University, and on which payments in lieu of taxes are not made, the local school district is entitled to receive funds over and above those amounts paid by the University in lieu of taxes.

WAYNE A. JOHNSTON, Chairman
Committee on General Policy

TIMOTHY W. SWAIN, Chairman
Finance Committee

The Board of Trustees of the
University of Illinois

On motion of Mr. Swain, this report was adopted and the Secretary was instructed to send a copy to the President of the Board of Education of the Urbana Community Schools as the formal reply of the Board of Trustees to the School Board's request.

TRUSTEE EMERITUS AWARD

Mrs. Watkins submitted the following recommendation and moved its adoption:

In accordance with the general idea which I have informally discussed with the Trustees, I recommend that the Board of Trustees of the University of Illinois establish a "Trustee Emeritus Award" according to the following plan:

The award shall be conferred upon any Trustee who has retired from the Board after having served a full term, and who wishes to accept such a designation. With the approval of the Board of Trustees in individual cases, this award may also be conferred upon a former Trustee who has not served a full term.

Each Trustee Emeritus will receive a certificate which will state the period of his service on the Board.

Each retiring Trustee shall also be presented with a suitable identification card stating that he is entitled to all privileges and courtesies customarily

extended to active Trustees of the University. (This will include admissions to University functions upon due notice and application for the same.)

The Trustee Emeritus Award will be presented at occasions which will be determined to suit the convenience of the recipients and the active members of the Board.

It is recommended that the foregoing plan be adopted for the future. With respect to the Trustee Emeritus Award to all former Trustees, a special recognition event would be desirable. Former Trustees living in the state of Illinois are ex-officio members of the University of Illinois Citizens Committee. The next biennial meeting of the Committee will be held at Urbana on May 23. President Henry has stated that the program for this meeting will feature recognition of the Centennial of the Land-Grant Act of 1862 and a discussion of the role of a Trustee in a State University. Thus this year's meeting of the Citizens Committee will provide a suitable occasion for giving appropriate recognition to former Trustees and the conferring of the Trustee Emeritus Award on those who wish to accept it.

The Trustees Emeritus Award plan, as recommended, was adopted without dissent.

On motion of Mrs. Watkins, the proposal to confer the award to the Trustees on May 23 was also approved.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations; (4) leaves of absence; (5) cancellation of sabbatical leave of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ALEXANDROU, NICHOLAS E., Research Associate in Chemistry, one year from February 1, 1962, \$5,850 (2-12-62).

ALLENDER, JEROME S., Research Assistant in Medical Education (Medicine), February 1-June 15, 1962, \$610 a month, supersedes (2-23-62).

ANDERSON, DONALD L., Research Assistant in Civil Engineering (S), $\frac{1}{2}$ time, and Assistant in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, February 1-June 15, 1962, \$2,100, supersedes (2-23-62).

ANDREWS, RICHARD D., Assistant in Veterinary Pathology and Hygiene (College of Veterinary Medicine), seven months from February 1, 1962, \$6,000 a year, supersedes (2-8-62).

ANDRIA, LOUIS M., Instructor in Orthodontics (Dentistry), $\frac{3}{10}$ time, January 9-August 31, 1962, \$2,250 a year (2-8-62).

BAKER, FOREST N., Research Associate in Dairy Science (S), seven months from February 1, 1962, \$6,000 a year (2-23-62).

BATEMAN, BARBARA, Research Assistant in the Institute for Research on Exceptional Children, February 1-June 15, 1962, \$2,150 for the period, supersedes (2-8-62).

BAUMEISTER, ROGER L., Instructor in Speech (Chicago Undergraduate Division), $\frac{4}{5}$ time, six months from March 1, 1962, to render service during the second semester of the academic year, \$2,240, supersedes (2-8-62).

BAUTZ, MRS. FRIEDLINDA, Research Assistant in Chemistry, January 22-August 31, 1962, \$4,900 a year, supersedes (2-12-62).

BENZEL, JAMES F., Research Associate in Ceramic Engineering (S), seven months from February 1, 1962, \$6,200 a year, supersedes (2-8-62).

BRAUN, LUCILLE V., Instructor in Spanish, March 1-August 31, 1962, to render service during the second semester of the academic year, \$6,000 a year, supersedes (2-21-62).

BRODIE, ALLAN G., Professor of Orthodontics and Head of the Department (Dentistry), indefinite tenure from January 1, 1962, \$21,250 a year, supersedes (2-22-62).

BROWN, ALLAN R., Visiting Lecturer in Physics (Chicago Undergraduate Division), February 1-June 30, 1962, \$3,800 (2-23-62).

- CHAKRAVARTI, RENU, Assistant on $\frac{1}{2}$ time, and Research Assistant on $\frac{1}{2}$ time, in Mathematics, February 1-June 15, 1962, \$2,000, supersedes (2-23-62).
- CHUANG, KUEN-PUO, Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, February 1-June 15, 1962, \$311.11 a month (2-8-62).
- COUKOULIS, MRS. HELEN, Research Assistant in Microbiology, January 8-August 31, 1962, \$5,200 a year (2-8-62).
- CULBERTSON, DON S., Assistant Serials and Acquisitions Librarian, with rank of Instructor in Library Administration (Chicago Undergraduate Division), eight months from January 1, 1962, \$7,000 a year, supersedes (2-8-62).
- DAVIS, EDWARD A., Research Associate in Physics (C), seven months from February 1, 1962, \$7,500 a year (2-8-62).
- DAVIS, WILLIAM K., III, Instructor in Architecture, February 1-June 15, 1962, \$666.67 a month (2-23-62).
- DEZFULIAN, MANOUCHEHR, Assistant in Botany (Photosynthesis Project), February 1-June 15, 1962, \$444.44 a month (2-8-62).
- DOWSE, EUNICE M., Associate Dean of Women, seven months from February 1, 1962, \$10,500 a year, supersedes (2-23-62).
- DOYLE, JAMES M., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, to render service during the second semester of the academic year, March 1-August 31, 1962, \$2,700 a year, supersedes (2-8-62).
- EDIE, CAROLYN A., Assistant Professor of History (Chicago Undergraduate Division), to render service during the second semester of the academic year, March 1-August 31, 1962, \$541.66 a month, supersedes (2-8-62).
- FARA, HARRY, Research Associate in the Department of Mining, Metallurgy, and Petroleum Engineering (C), January 16-August 31, 1962, \$8,000 a year (2-8-62).
- GLADISH, ROBERT W., Instructor in English (Chicago Undergraduate Division), $\frac{3}{4}$ time, February 1-June 15, 1962, \$416.66 a month (2-8-62).
- GREATHOUSE, TERRY R., Instructor in Animal Science Extension (E), seven months from February 1, 1962, \$8,500 a year (2-21-62).
- GUROLNICK, CAROL S., Instructor in English (Chicago Undergraduate Division), $\frac{1}{4}$ time, February 1-June 15, 1962, \$138.89 a month (2-8-62).
- HEINZE, SHIRLEY J., Instructor in Psychology, Department of Otolaryngology and Department of Psychiatry (Medicine), 85/100 time, eight months from January 1, 1962, \$5,080 a year, supersedes nonsalaried appointment (2-12-62).
- HEMBROUGH, FREDERICK B., Instructor in Veterinary Physiology and Pharmacology (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), seven months from February 1, 1962, \$6,800 a year, supersedes (2-23-62).
- HORKAY, ARTHUR T., Research Assistant in Civil Engineering (S), February 1-June 15, 1962, \$466.67 a month, supersedes (2-12-62).
- HUTCHINSON, DAVID, Research Assistant in the Digital Computer Laboratory, February 1-June 15, 1962, \$650 a month (2-26-62).
- JOHNSON, CARL R., Research Assistant in Chemistry, January 16-February 28, 1962, \$444.44 a month, supersedes (2-26-62).
- JOHNSON, HAROLD, Research Associate in Psychology, to render service during the second semester of the academic year, March 1-August 31, 1962, \$6,300 a year, supersedes (2-8-62).
- JOHNSTON, SU A. K., Assistant Extension Editor (C, S, and E), seven months from February 1, 1962, \$5,000 a year, supersedes (2-8-62).
- KENT, MRS. JOANN G., Binding Assistant in the Library, seven months from February 1, 1962, \$5,800 a year (2-8-62).
- KING, NIKOLAI, Research Associate in Food Technology (S), six months from February 1, 1962, \$4,500, supersedes (2-15-62).
- KLATT, MELVIN J., Assistant Reference Librarian, with rank of Instructor in Library Administration (Chicago Undergraduate Division), seven months from February 1, 1962, \$6,500 a year (2-12-62).
- KLEE, FLORENCE C., Instructor in Chemistry (Chicago Undergraduate Division), $\frac{3}{4}$ time, five months from February 1, 1962, \$534 a month (2-8-62).
- KLEIN, MAURICE G., Assistant in Speech (Chicago Undergraduate Division), February 1-June 15, 1962, \$511.11 a month, supersedes (2-8-62).
- KRIZAN, THOMAS F., Assistant Professor of Physical Education for Men (Sports Fitness), $\frac{3}{4}$ time, June 18-August 11, 1962, \$1,158; this is in addition to his present appointment (2-23-62).

- LEONARD, IRVING, Instructor in Dentistry (Dentistry), seven months from February 1, 1962, \$7,000 a year (2-8-62).
- LOMSAKOV, MRS. TATIANA, Assistant in French and in Russian, February 1-June 15, 1962, \$518.55 a month (2-23-62).
- MEERMAN, GERARDINE, Research Assistant in Chemistry, February 1-June 15, 1962, \$444.44 a month (2-26-62).
- MILLER, JERALD, Instructor in Applied Materia Medica and Therapeutics (Dentistry), $\frac{1}{2}$ time, eight months from January 1, 1962, \$3,750 a year (2-8-62).
- MILLER, LAURENCE H., Bibliographer in the Library, with rank of Instructor, seven months from February 1, 1962, \$6,300 a year, supersedes (2-8-62).
- MOELIS, IRVIN, Instructor in Psychology, $\frac{3}{4}$ time, February 1-August 31, 1962, \$3,600 a year, supersedes (2-23-62).
- MORCH, ERNST T., Clinical Professor of Anesthesiology, Department of Surgery (Medicine), 15/100 time, six months from January 1, 1962, \$200 a month (2-12-62).
- NAKANISHI, NOBORU, Research Associate in Physics (C), April 20-June 20, 1962, \$1,600 for the period (2-8-62).
- NAVARRETE, DELIA A., Assistant in Home Economics (S), seven months from February 1, 1962, \$5,000 a year, supersedes (2-23-62).
- NEUMAN, MRS. ROBERTA Y., Research Assistant in Microbiology, January 1-August 31, 1962, \$5,650 a year, supersedes nonacademic appointment (2-8-62).
- NEWMAN, DUANE E., Research Associate in the State Natural History Survey, February 19-August 31, 1962, \$6,360 a year (2-15-62).
- NOVAK, PAUL M., Visiting Associate Professor of Landscape Architecture, Department of City Planning and Landscape Architecture, $\frac{1}{3}$ time, September 16, 1961-June 15, 1962, \$4,000, supersedes (2-23-62).
- PAPAGEORGIS, DEMETRIOS, Instructor in Psychology on $\frac{3}{4}$ time, and Counselor in the Student Counseling Service on $\frac{1}{4}$ time, February 1-August 31, 1962, to render service during the second semester of the academic year, \$5,600 a year (2-23-62).
- PERKINS, ROY B., Associate Professor of Mechanical Engineering, and Head of the Shop Laboratories (Chicago Undergraduate Division), two months from July 1, 1962, \$2,334; this is in addition to his present appointment (2-23-62).
- POWELL, JOHN T., Instructor in Physical Education for Men (Sports Fitness), $\frac{1}{4}$ time, June 18-August 11, 1962, \$400; this is in addition to his present appointment (2-23-62).
- REYNAROWYCH, ALEXANDER, Physician in the Health Service (Chicago Professional Colleges), 3/10 time, eight months from January 1, 1962, \$3,600 a year (2-23-62).
- RIBEIRO, SERGIO T., Research Assistant in the Digital Computer Laboratory, February 1-June 15, 1962, \$466.66 a month, supersedes (2-8-62).
- ROSLANSKY, PRISCILLA F., Research Associate in Chemistry, $\frac{1}{2}$ time, January 22-August 31, 1962, \$3,400 a year (2-8-62).
- SCHULMAN, ROBERT E., Clinical Counselor in the Student Counseling Service, seven months from February 1, 1962, \$7,500 a year (2-12-62).
- SCRANTON, MARGARET J., Associate Editor in the College of Law, with rank of Instructor, four months from February 1, 1962, \$500 a month (2-23-62).
- SEGOVIA, JOSE L. D., Research Associate in the Coordinated Science Laboratory (C), January 29-August 31, 1962, \$6,600 a year (2-23-62).
- SHENOI, B. ANANTHA, Assistant Professor of Electrical Engineering (C), to render service during the second semester of the academic year, March 1-August 31, 1962, \$3,500, supersedes (2-8-62).
- SIMON, MRS. ELLEN M., Research Associate in Microbiology, $\frac{1}{2}$ time, eight months from January 1, 1962, \$2,925 a year, supersedes (2-23-62).
- SINHA, RAMESH C., Research Associate in Botany, seven months from February 1, 1962, \$6,600 a year, supersedes (2-23-62).
- TEFFT, MRS. GLORIA B., Assistant Publication Editor, with rank of Instructor (S), January 8-August 31, 1962, \$6,000 a year (2-23-62).
- TEMPEST, DAVID W., Research Associate in Chemistry, five months from April 1, 1962, \$487.50 a month (3-13-62).
- THOMPSON, MRS. MARGARETA, Catalog Assistant in the Library, February 7-August 31, 1962, \$5,500 a year (2-23-62).

- WANG, MRS. VENETIA Y., Acquisition Assistant in the Library, seven months from February 1, 1962, \$5,600 a year (2-12-62).
- WELKER, NEIL E., Research Assistant in Microbiology, one year from February 1, 1962, \$4,500 (2-23-62).
- WICKSTEAD, GEORGE W., Visiting Professor of Landscape Architecture, Department of City Planning and Landscape Architecture, $\frac{1}{4}$ time, February 1-June 15, 1962, \$2,000 for the period (2-8-62).
- WINNIKOW, S., Assistant in Mechanical and Industrial Engineering (C), February 1-June 15, 1962, \$2,250, supersedes (2-12-62).
- WOODS, JOHN L., Assistant Extension Editor, with rank of Instructor (E), seven months from February 1, 1962, \$6,000 a year, supersedes (2-23-62).
- YOKOYAMA, MASAHIRO, Visiting Research Associate in Electrical Engineering (S), five months from April 1, 1962, \$666.67 a month (2-8-62).
- ZALCMAN, MAURICE, Instructor in Dentistry (Dentistry), $\frac{1}{2}$ time, seven months from February 1, 1962, \$3,500 a year (2-19-62).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- CLARKE, RICHARD B., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1961, \$2,700 (2-15-62).
- DODD, GEORGE G., Bendix Aviation Corporation Teaching Fellow in Electrical Engineering, February 1-June 15, 1962, \$1,250; this is in addition to his appointment as Instructor in Electrical Engineering on one-half time (2-6-62).
- GAVAN, LINDA R., Office of Vocational Rehabilitation Fellow (Trainee) in Education, February 1-June 15, 1962, \$900 (2-2-62).
- GARCIA-MOLINER, CARMEN, Postdoctoral Fellow (Trainee) in Microbiology, seven months from February 1, 1962, \$4,920 a year (2-15-62).
- GILMAN, ALICE, United States Public Health Service Fellow (Trainee) in Microbiology, February 1-June 15, 1962, \$1,000 (2-13-62).
- KILLIP, DEVORE E., United States Public Health Service Fellow (Trainee in Psychology and Education) (Dentistry), February 5-June 30, 1962, \$910.71 (2-12-62).
- LEHMANN, JOHN R., Television Shares Corporation Teaching Fellow in Electrical Engineering, March 1-August 31, 1962, \$1,000; this is in addition to his appointment as Instructor in Electrical Engineering on one-half time (2-6-62).
- LEWIS, CLARENCE R., Office of Vocational Rehabilitation Fellow (Trainee) in Education, February 1-June 15, 1962, \$1,000 (1-31-62).
- SHA'ATI, RAMADAN ISSA, United States Public Health Service Fellow (Trainee) in Biophysics, February 1-June 15, 1962, \$1,000 (2-2-62).
- SHARP, JAMES B., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, February 1-January 31, 1963, \$6,000, supersedes (2-16-62).
- SMITH, CARROLL M., United States Public Health Service Fellow (Special) in Psychiatry (Medicine), November 25, 1961-August 31, 1962, without stipend (1-23-62).

RESIGNATIONS

- DEWHIRST, DONALD, Assistant Professor of Engineering (Chicago Undergraduate Division) — resignation effective March 1, 1962.
- DUNDAS, IAN E. D., United States Public Health Service Fellow (Trainee) in Microbiology — resignation effective February 1, 1962.
- JEFFAY, MRS. ANA I., Research Associate in Applied Materia Medica and Therapeutics (Dentistry) — resignation effective February 1, 1962.
- ZAKI, ABDEL M. E., United States Department of Health Fellow (Trainee) in Anatomy and Histology — resignation effective February 22, 1962.

LEAVES OF ABSENCE

- AUSUBEL, DAVID P., Professor of Education, in the Bureau of Educational Research — leave of absence for one month from August 1, 1962, without pay, so that he may teach at the University of Wisconsin.
- BASSIE, V. LEWIS, Professor of Economics and Director of the Bureau of Economic and Business Research — leave of absence for the first semester on

- full pay and during the second semester on one-fourth time, without pay. This supersedes his previous leave of absence.
- CHALUS, Donald R., Instructor in the Institute of Aviation — leave of absence, with pay, from June 15 through July 31, 1962, and leave, without pay, from August 1 through August 31, 1962, so that he may participate in the Officer Rotary Wing Qualification course at Camp Wolters, Texas, during the summer.
- FRITZ, THOMAS E., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station) — leave of absence, without pay, from February 1 through July 31, 1962, for services to the State Department of Agriculture, in its Diagnostic Laboratory.
- HUFFNAGLE, MRS. MADELINE A., Research Assistant in Zoology — leave of absence, without pay, from January 29 through April 30, 1962.
- PLANTY, EARL G., Professor of Management — leave of absence, without pay, during the second semester of 1962-63, so that he may serve as a Distinguished Visiting Professor at the University of Southern California during the period.
- SWAGO, ANDREW W., Associate Professor of Electrical Engineering — extension of leave of absence, without pay, for one year from September 1, 1962, so that he may continue as Assistant Program Director for Engineering Sciences for the National Science Foundation.

CANCELLATION OF SABBATICAL LEAVE OF ABSENCE

- BOURGIN, DAVID G., Professor of Mathematics — cancellation of sabbatical leave of absence, on one-half pay, for the second semester of the current academic year.

REPRESENTATIVES OF ENGINEERING OPEN HOUSE

At this point, President Henry announced that representatives of the Engineering Open House had been invited to the meeting as guests of the Board and introduced: Mr. Ralph Gilbert, Senior in Aeronautical and Astronautical Engineering, General Chairman of the Engineering Open House; Professor James P. Neal of the Department of Electrical Engineering and Chairman of the Exhibits and Tours Committee of the College of Engineering; and Professor E. C. McClintock, Jr., of the Department of General Engineering. Mr. Gilbert addressed the Board on the history, the organization, and the significance of Engineering Open House. Mr. Neal and Mr. McClintock also spoke briefly.

In the afternoon, following adjournment of the Board and the inspection tour of the campus, several members of the Board visited the Engineering Open House exhibits.

DIRECTOR MARK P. HALE

President Henry introduced Dr. Mark P. Hale, Professor of Social Work and Director of the Jane Addams Graduate School of Social Work, who addressed the Board briefly on the program of the school.

MAY MEETING

On motion of Mr. Swain, the Board voted to change the date of the May meeting from the third Wednesday to Thursday, May 24, to be held in Urbana.

On motion of Mr. Hughes, the Board adjourned.

COMMITTEE MEETINGS

Meetings of the Committees on General Policy and Buildings and Grounds were held in the afternoon following adjournment.

CAMPUS TOUR

In the afternoon, members of the Board made an inspection tour of the campus, including inspection of the remodeled quarters for instruction and academic offices in the University Armory, and the Orchard Downs Housing.

A. J. JANATA
Secretary

HOWARD W. CLEMENT
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

April 18, 1962



The April meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Wednesday, April 18, 1962, beginning at 10:30 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Richard A. Harewood, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Governor Otto Kerner was absent.

Also present were President David D. Henry, Executive Vice-President and Provost Lyle H. Lanier, Dr. Joseph S. Begando, Vice-President, University of Illinois at the Medical Center, Chicago, Professor Norman A. Parker, Vice-President, Chicago Undergraduate Division, Mr. C. C. Caveny, Assistant to the President, Chicago Office, Director C. S. Havens of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. James J. Costello, Legal Counsel, Mr. V. L. Kretschmer, Director of Auxiliary Services, Mr. Harry W. Pearce, Associate Director of the Physical Plant, Chicago; and the officers of the Board, Mr. C. W. Weldon, Treasurer, Mr. H. O. Farber, Comptroller, Mr. A. J. Janata, Secretary. Mr. John G. Duba, Executive Director of the Chicago Land Clearance Commission and Commissioner of Urban Renewal of the City of Chicago, came to the meeting later on special invitation of the Board.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on August 10, September 21, and October 18, 1961, press proof copies of which had previously been sent to the Board.

On motion of Mrs. Watkins, the minutes were approved as printed on pages 633 to 1181, inclusive.

MR. HAREWOOD ELECTED JUDGE

The Board took public notice of the election of its member, Mr. Richard A. Harewood, as a Judge of the Superior Court of Cook County, extended felicitations and expressed best wishes.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT ON SELECTED TOPICS

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting and a copy was filed with the Secretary of the Board.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
HARVEY JUSTIN DAVIDSON	Mt. Prospect, Illinois	Pennsylvania
ABRAHAM FRANK KESHNER	University City, Missouri	Missouri
HERBERT HENRY KOCH	St. Louis, Missouri	Missouri
FRANCIS JOSEPH SERBEK	Teaneck, New Jersey	New York

I concur.

On motion of Mr. Johnston, these certificates were awarded.

APPOINTMENTS TO THE FACULTY

(2) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. ARTHUR B. CHILTON, Associate Professor of Civil Engineering and of Nuclear Engineering, beginning September 1, 1962, at an annual salary of \$11,000 (A).
2. ALBERTO DE LA TORRE, Clinical Assistant Professor of Psychiatry, College of Medicine, beginning January 1, 1962, without salary (DY).
3. SHAFIK DOSS, Visiting Professor of Mathematics, for the second semester, 1961-62, at a salary of \$5,000 (E).
4. ELISABETH R. LYMAN, Research Assistant Professor in the Coordinated Science Laboratory, beginning February 1, 1962, on one-half time, at an annual salary of \$3,975 (DY50).
5. R. EMERSON NISWANDER, Visiting Professor of Physiology, for the period March 1, 1962, through June 15, 1962, without salary (E).
6. HIROSHI OHKURA, Research Assistant Professor of Physics, beginning September 1, 1962, at an annual salary of \$8,000 (DY).
7. MALCOLM M. STANLEY, Professor of Medicine, beginning July 1, 1962, at an annual salary of \$21,000 (AY).
8. JOHN L. DILLINGER, Assistant to the Vice-President, Chicago Undergraduate Division, beginning April 1, 1962, at an annual salary of \$13,000 (DY).

On motion of Mr. Dilliard, these appointments were confirmed.

APPOINTMENTS TO CENTER FOR ADVANCED STUDY

(3) Upon recommendation of the Executive Committee of the Center for Advanced Study, and with the concurrence of the Dean of the Graduate College and the Executive Vice-President and Provost, I submit the following nominations for appointments to the Center for Advanced Study during the academic year 1962-63.

Member (for a five-year period from September 1, 1962)

ALEXANDER TURYN, Professor of the Classics

Associate Members (during the academic year 1962-63)

F. STUART CHAPIN, JR., Professor at the Institute for Research in Social Science at the University of North Carolina

VEN T. CHOW, Professor of Hydraulic Engineering

ALDEN CUTSHALL, Professor of Geography at the Chicago Undergraduate Division

MURRAY EDELMAN, Professor of Political Science in the College of Liberal Arts and Sciences and in the Institute of Labor and Industrial Relations

CHARLES W. ERIKSEN, Professor of Psychology

MAX H. FISCH, Professor of Philosophy

ROBBEN W. FLEMING, Professor of Law

GOTTFRIED S. FRAENKEL, Professor of Entomology

HERBERT S. GUTOWSKY, Professor of Physical Chemistry

HENRY R. KAHANE, Professor of Spanish and of Linguistics; Director of Linguistics Program

ROBERT E. KASKE, Professor of English

PHILIP KOLB, Professor of French

ROLAND M. SMITH, Professor of English

CHESTER G. STARR, Professor of History

HERBERT S. WILF, Assistant Professor of Mathematics

Provisions for the salaries of these staff members during the period of their membership in the Center will be included in the budget of the Graduate College and the Center.

On motion of Mr. Hughes, these appointments were approved.

SABBATICAL LEAVES OF ABSENCE, 1962-63

(4) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1962-63 in accordance with the provisions of the University of Illinois Statutes and on the terms and for the periods indicated. This is supplementary to the list of applications recommended to the Board of Trustees on March 17, 1962.

College of Commerce and Business Administration

NUGENT WEDDING, Professor of Marketing, second semester, full pay.

College of Education

A. H. KREBS, Professor of Agricultural Education, February 1 to August 1, 1963, full pay.

College of Fine and Applied Arts

ROBERT A. VON NEUMANN, Associate Professor of Art, first semester, full pay.

College of Liberal Arts and Sciences

JOHN C. MCGREGOR, Professor of Anthropology, second semester, full pay.

Jane Addams Graduate School of Social Work

DONALD E. LATHROPE, Associate Professor of Social Work, second semester, full pay.

Medical Center

College of Medicine

AUBREY L. RUESS, Assistant Professor of Psychology, full year, one-half pay.

Chicago Undergraduate Division

ROLAND F. GINZEL, Assistant Professor of Art, full year on one-half pay.

HALINA J. PRESLEY, Assistant Professor of Biological Sciences, full year, one-half pay.

On motion of Mr. Swain, these leaves were granted as recommended.

**INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS
ADVISORY COMMITTEE**

(5) The Director of the Institute of Labor and Industrial Relations recommends the appointment of Robert Stanley Eriksen, Professor of Political Science at Augustana College, as a public representative on the Institute of Labor and Industrial Relations Advisory Committee replacing Mr. Adolph Berger, Regional Director of the Bureau of Labor Statistics, Chicago, whose term has expired.

I concur.

On motion of Mr. Johnston, this appointment was approved.

BUREAU OF COMMUNITY PLANNING

(6) The Bureau of Community Planning was established as a department within the College of Fine and Applied Arts in 1934 and operated as a separate department until 1954 when it was placed under the administration of the Department of City Planning and Landscape Architecture. The Dean of the College of Fine and Applied Arts recommends that the Bureau again be made a separate administrative unit, or department, of the College.

The Dean also recommends that Professor Joseph Heikoff of the Department of City Planning and Landscape Architecture and presently Assistant Director of the Bureau of Community Planning within the Department of City Planning and Landscape Architecture, be appointed Director of the Bureau. The salary of this position will be determined when the budget for 1962-63 is submitted to the Board for approval.

I concur in these recommendations, to become effective September 1, 1962.

On motion of Mr. Swain, these recommendations were approved.

DEPARTMENT OF SPANISH, ITALIAN, AND PORTUGUESE

(7) On recommendation of the College of Liberal Arts and Sciences, I have approved a change in the name of the Department of Spanish and Italian to Department of Spanish, Italian, and Portuguese. Courses in Portuguese have been offered by the Department of Spanish and Italian for a number of years and the change will reflect more accurately its program.

On motion of Mr. Harewood, the President's action was confirmed.

**ADMISSION OF STUDENTS TO THE CURRICULUM
IN TEACHER EDUCATION**

(8) The Chicago Undergraduate Division Senate has approved a recommendation from its Committee on Educational Policy that a student with sixty or more semester hours who wishes to enter a teacher education curriculum must have a minimum all-University grade-point average of 3.5. Students whose averages are below 3.5, but not less than 3.3, may be admitted on probation upon approval of a petition addressed to the dean of the appropriate college, Chicago Undergraduate Division, if the student is petitioning for admission to a teacher education curriculum on the Chicago campus.

The Senate Coordinating Council indicates that these requirements have been cleared with the faculty officers concerned at Urbana-Champaign. Formal action by the Board is not required, but this is being reported for official record.

This report was received for record.

CURRICULUM IN MINING ENGINEERING

(9) The Urbana-Champaign Senate has approved a recommendation from the College of Engineering for revisions in the curriculum in mining engineering. Submitted herewith is a supporting memorandum, giving the details of this pro-

gram, and a copy is being filed with the Secretary of the Board for record. The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I concur. This is not a new program, involves no new units of instruction, and therefore is not subject to approval by the Board of Higher Education.

On motion of Mrs. Watkins, this recommendation was approved.

CURRICULUM IN AVIATION ELECTRONICS

(10) The Urbana-Champaign Senate has approved a proposal from the Institute of Aviation for an aviation electronics curriculum designed for technical education and training leading to a certificate of completion in electronic technology and an advanced FCC Radio-Telephone license. A supporting memorandum giving the details of this program is submitted herewith and a copy is being filed with the Secretary of the Board for record. The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I recommend approval, subject to further action by the Board of Higher Education.

On motion of Mr. Swain, this recommendation was approved.

CURRICULUM IN GENETICS

(11) The Urbana-Champaign Senate recommends adoption of a new graduate program in genetics, proposed by the School of Life Sciences and the Graduate College, leading to the degree of Doctor of Philosophy. A supporting memorandum giving the details of this program, including the requirements for admission and for the degree, is submitted herewith and a copy is being filed with the Secretary of the Board for record. The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I recommend approval, subject to further action by the Board of Higher Education.

On motion of Mr. Hughes, this recommendation was approved.

DEGREE PROGRAMS IN COMPARATIVE LITERATURE

(12) The Urbana-Champaign Senate has approved proposals from the College of Liberal Arts and Sciences and the Graduate College for degree programs in comparative literature leading to the degrees of Master of Arts and Doctor of Philosophy, designed to make possible a systematic study of subjects and problems common to several literatures, and to enable students who have greater than average linguistic competence and preparation to explore the interrelations of several modern literatures; the main currents, periods, and movements in modern European literary history; and the theory of literature and criticism.

A supporting memorandum giving the details of this program, including the requirements for admission and for the degree, is submitted herewith and a copy is being filed with the Secretary of the Board for record. The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I concur, subject to further action by the Board of Higher Education.

On motion of Mr. Harewood, these recommendations were approved.

DISCONTINUANCE OF ASSOCIATE IN ARTS CERTIFICATE

(13) The Urbana-Champaign Senate has approved a recommendation from the College of Liberal Arts and Sciences and its Division of General Studies that the certificate of Associate in Arts now available, upon application, to students who have successfully completed sixty hours of academic work be discontinued because of lack of interest.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved. I recommend approval.

On motion of Mr. Swain, this recommendation was approved.

ORGANIZATION OF CENTER FOR ZOONOSIS RESEARCH

(14) The Dean of the College of Veterinary Medicine recommends amendment of the plan of organization for the Center for Zoonoses Research, approved by the Board (meeting of April 20, 1960, minutes, p. 1259), as follows:

Add to (c): "The senior staff members shall constitute the Council of the Center for Zoonoses Research. The Council shall meet at least once annually, and at such other times as is deemed desirable for the consideration of matters related to the program of the Center."

Change (d) to read: "The Executive Committee of the Center shall be composed of the Director, the Associate Director, and three senior staff members. The three senior staff members shall be elected at the annual meeting of the Council and shall, in so far as possible, represent the different disciplines involved. Following the first such election, terms of one, two, and three years shall be determined by lot, and thereafter one member shall be elected annually for a three-year term. The Director shall serve as Chairman of the Executive Committee. The Executive Committee shall advise the Director on the administration of his office, including the formulation of plans and the preparation of the budget."

Eliminate the following sentence from the second paragraph following (d): "These will then constitute the Executive Committee."

Add this new provision at the end: "Changes in internal organization and functioning of the Center for Zoonoses Research may be made in the same manner as by-laws are altered or adopted, and such changes need not hereafter be presented to the Board of Trustees for its approval."

The purpose of these changes is (a) to create a Council, and (b) to make the Executive Committee of the Center a more wieldy organization.

I concur.

On motion of Mr. Hughes, these amendments were approved.

CONTRACT FOR PUBLICATION OF HIGH SCHOOL TEXTBOOKS IN MATHEMATICS

(15) Under the auspices of the University of Illinois Committee on School Mathematics, Professors Max Beberman of the College of Education and Herbert E. Vaughan of the Department of Mathematics have developed a new curriculum and a series of experimental textbooks in high school mathematics that have been widely acclaimed. This program was initiated in 1951 in University High School. Since 1956 it has been supported mainly by generous grants from the Carnegie Corporation of New York, which have made it possible for the University to publish the books and have them used experimentally in selected high schools in many parts of the country.

These textbooks have been published and distributed by the University Press in various forms. In accordance with the regulations of the Board of Trustees, they have been copyrighted by the University of Illinois. There are eleven units in the series, comprising four courses corresponding to the four high school years. A special teachers' edition for each course has also been prepared, copyrighted, and distributed.

In the light of the experience gained from the use of the trial version of the books, Professors Beberman and Vaughan wish to revise them substantially and to have them published by a commercial publisher. Such an edition is desirable for several reasons: (a) substantial improvements in the organization and presentation of material is indicated; (b) the present edition is both bulky and lacking in durability; (c) the facilities of the commercial publisher are much better suited than those of the University Press to the production and distribution of this type of publication in commercial quantities.

Professors Beberman and Vaughan have proposed that a contract be negotiated with D. C. Heath and Company for the publication of the textbooks, under the following main conditions:

1. Professors Beberman and Vaughan would accomplish the thorough revision of the textbooks that would be necessary entirely on their own time and without additional compensation from or cost to the University of Illinois. They would be assisted in their task by a full-time editor to be provided by D. C. Heath and Company.
2. The authors would be granted the right to revise the present experimental textbooks for which the University holds the copyright, and they would hold the copyright on the revised edition. Prior to the actual publication of the new edition, however, the University Press would be allowed to continue to stock and distribute copies of the experimental edition to the extent that con-

tinuing demand exists. Upon publication of the first of the four courses, D. C. Heath would purchase all copies of the experimental edition on hand from the University at cost and thereafter the University Press would cease its distribution.

3. D. C. Heath and Company would pay a royalty of 15 per cent on gross sales of the new textbooks, to be distributed as follows: *5 per cent each* to the University of Illinois, to Professor Beberman, and to Professor Vaughan. The University would share in the royalties from the sale of the revised textbooks during the life of the first edition or for a period of five years from the first publication, whichever may be the longer period; thereafter the author's royalty would be reduced to 10 per cent and divided equally between Professors Beberman and Vaughan. The University and Professors Beberman and Vaughan would also share equally in royalties from any plate rental and licensing agreements.
4. Professors Beberman and Vaughan would continue their curricular studies at the University under a new program which would involve a comprehensive series of textbooks beginning with the seventh grade and extending through the twelfth grade. Their work on this new program for the University would not be affected by the contract with D. C. Heath and Company, except that the material incorporated into the proposed new experimental textbooks would not violate the copyright on the revised version of the present program. If new experimental textbooks or other teaching materials were produced under the new program, D. C. Heath and Company would not have publication rights in them.

The Executive Vice-President and Provost and the Vice-President and Comptroller have reviewed the proposed contract with D. C. Heath and Company and recommend that the Trustees authorize formal negotiations along the general outlines just stated. The proposed contract has also been reviewed by the Legal Counsel.

I concur, with the understanding that the legal aspects of the final version of the contract would be subject to the approval of the Legal Counsel.

On motion of Mr. Williamson, this recommendation was approved, and authority was given as requested.

MATERIALS RESEARCH LABORATORY

(16) A Materials Research Laboratory at the University of Illinois to be financed by agencies of the federal government has been under consideration. Negotiations now in progress, if fully approved, would make available to the University funds to finance the construction of such a building and its research programs.

Proposed Budget for Building, Operating, and Equipping A Materials Research Laboratory at the University of Illinois With Funds to Be Provided by the Agencies Indicated

	Advanced Research Projects Agency		Atomic Energy Commission	
	<i>Operating Costs (including building equipment)</i>		<i>Operating Costs (including building equipment)</i>	
	<i>Building</i>		<i>Building</i>	
First Year.....	\$	142 392	\$1 300 000	
Second Year.....		563 133	1 500 000	
Third Year.....	1 332 062		1 600 000	
Fourth Year.....	1 412 948	\$400 000	1 800 000	\$100 000
Anticipated Annual Payments to the University for Nine Additional Years.....	1 512 780	400 000	1 550 930	100 000

These figures, particularly for operations, are necessarily only estimates at this time and will be subject to change as the programs develop.

The agencies involved have indicated their intent to contract over a ten-year period to meet the costs of the building construction, with the result that the University would receive a total of \$5,000,000 for this purpose. It is intended to negotiate contracts providing operating funds and moveable equipment to be housed in facilities presently available for three years during the period of construction and thereafter in the new building. Although it is not legally possible for the agencies involved to enter into binding contracts for the entire ten-year period, they have indicated their intent to provide all the required funds and to contract as far in advance as possible so that by the seventh year after completion of the building, the required sum will be fully committed. Accordingly, the University plans to borrow or to acquire otherwise funds to construct and equip the building, and will repay the loan from the amounts under the contracts or from other funds available to it if the contracts are discontinued. The University will furnish the site and utility connections. Interest on outstanding indebtedness will be paid by the University from funds available to it from other sources, chiefly contract operations, than state appropriations. It is intended that the University will receive outright title to the building upon the completion of the debt repayment program.

The science of materials is basic for large areas of engineering technology. Progress in electrical, chemical, metallurgical, and ceramics industries is dependent to a great degree upon the basic research that leads to the improvement of materials essential to these industries. Certain aspects of research in materials in the University can be combined with the systematic education of graduate students to carry on the advancement and dissemination of knowledge in this field. The University of Illinois is one of the principal academic centers in the United States devoted to research and education in the science of materials. A feature of the proposed new program will be its interdisciplinary nature drawing initially from five departments: Ceramic Engineering; Chemistry and Chemical Engineering; Electrical Engineering; Mining, Metallurgy, and Petroleum Engineering; and Physics. The University has distinguished faculties in these departments and the proposed laboratory will enable them to collaborate their work on problems in a manner that is not feasible at present. The additional space provided by this facility will permit an approximate doubling of research on the basic properties of materials at the University and of the numbers of scientists that it can train through graduate education in this field. The results of the research and the men trained to carry on research will be available to the industrial and government laboratories of Illinois and of the nation, thus advancing industrial progress and promoting national welfare.

Authorization is hereby requested from the Board of Higher Education of Illinois to contract with the Advanced Research Projects Agency and the Atomic Energy Commission, or with other agencies of the United States Government, according to the plan substantially described herein, for the construction and operation of this facility.

The Committee on Buildings and Grounds concurs in the recommendation for approval of the proposed plan for the construction of the building and its use for contract research sponsored by the federal government, and the submission of this plan to the Board of Higher Education for approval.

On motion of Mr. Pogue, this project was approved, as recommended, and negotiations were authorized, subject to final approval by the Illinois Board of Higher Education. This action was taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

The Housing and Home Finance Agency has funds available which can be advanced for planning public works such as the Materials Research Laboratory. The advance bears no interest and is repayable out of the construction funds for a given project. If the project does not go forward, there is no obligation to repay the planning money. It is therefore further recommended that application be made to the Housing and Home Finance Agency for planning money for the Materials Research Laboratory and that the following resolution be adopted.

Resolution

Authorizing filing of application with the United States of America for an advance to provide for the planning of public works under the terms of Public Law 560, Eighty-third Congress of the United States, as amended.

WHEREAS, The Board of Trustees of the University of Illinois (herein called the "Applicant") after thorough consideration of the various aspects of the problem and study of available data has hereby determined that the construction of certain public works, generally described as a Materials Research Laboratory, is desirable and in the public interest and to that end it is necessary that action preliminary to the construction of said works be taken immediately; and

WHEREAS, under the terms of Public Law 560, Eighty-third Congress, as amended, the United States of America has authorized the making of advances to public bodies to aid in financing the cost of engineering and architectural surveys, designs, plans, working drawings, specifications or other action preliminary to and in preparation for the construction of public works; and

WHEREAS, the applicant has examined and duly considered such act and the applicant considers it to be in the public interest and to its benefit to file an application under said act and to authorize other action in connection therewith;

Now, Therefore, Be It Resolved by The Board of Trustees of the University of Illinois, the governing body of said applicant, as follows:

1. That the construction of said public works is essential to and is to the best interests of the applicant, and to the end that such public works may be provided as promptly as practicable it is desirable that action preliminary to the construction thereof be undertaken immediately;
2. That H. O. Farber be hereby authorized to file in behalf of the applicant an application (in form required by the United States and in conformity with said act) for an advance to be made by the United States to the applicant to aid in defraying the cost of plan preparation for the above described public works, which shall consist generally of preliminary studies, including site surveys and test borings, and final working drawings and specifications for construction of the Materials Research Laboratory, including utility extensions and site development work;
3. That if such advance be made, the applicant shall provide or make necessary arrangements to provide such funds, in addition to the advance, as may be required to defray the cost of the plan preparation of such public works;
4. The said H. O. Farber is hereby authorized to furnish such information and take such action as may be necessary to enable the applicant to qualify for the advance;
5. That the officer designated in the preceding paragraph is hereby designated as the authorized representative of the applicant for the purpose of furnishing to the United States such information, data, and documents pertaining to the application for an advance as may be required; and otherwise to act as the authorized representative of the applicant in connection with this application.
6. That certified copies of this resolution be included as part of the application for an advance to be submitted to the United States.

On motion of Mr. Pogue, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACT WITH AGENCY FOR INTERNATIONAL DEVELOPMENT FOR UNIVERSITY OF ILLINOIS — FACULTY OF MEDICINE, CHIENGMAI HOSPITAL PROJECT

(17) The College of Medicine has been requested to consider ways and means of lending assistance to and cooperation with a newly established medical school in Chiengmai, Thailand. This medical school, a part of the University of Medical Sciences of Thailand, is the Faculty of Medicine, Chiengmai Hospital.

A survey team consisting of Dean Granville A. Bennett and Professors James C. Plagge and Norman B. Roberg visited the medical schools of Thailand during the summer of 1961 under a contract between the University of Illinois

and the State Department, International Cooperation Administration (now the Agency for International Development).

On the basis of the survey team's findings the faculty of the College of Medicine recommended that negotiations be undertaken to develop a long-term contract to implement a program under which the contractor (the University of Illinois) "will provide assistance to the University of Medical Sciences, which is a part of the Office of the Prime Minister, in the establishment and development of the Faculty of Medicine, Chiangmai Hospital, located in Chiangmai, Northern Thailand."

To assist in the development of the Faculty of Medicine, Chiangmai Hospital, the contractor will be expected to provide a field staff composed of specialists in medical education and related fields and administrative support as may be required.

It is contemplated that the home campus staff for the project will consist of a Coordinator, 60 per cent time, an Assistant Coordinator, 20 per cent time, and a Secretary (Stenographic). The overseas staff for the first year should consist of eight persons, of whom three would form the administrative personnel. It would be expected that the field staff for the second contract year would be increased to thirteen and that this level of staffing would continue into the third year of the program.

Preliminary negotiations indicate that the total funds to be provided by the Agency for International Development would amount approximately to \$852,000 for a two-year period, with approximately \$330,000 committed to the first contract year.

An advisory committee¹ has been appointed. Doctor James C. Plagge has been appointed Acting Coordinator.

The Dean of the College of Medicine and the Vice-President at the Medical Center request approval to proceed with the development of the specifications of the contract.

I concur, and recommend further that authorization of this service and execution of the contract be requested of the Board of Higher Education.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

MENTAL HEALTH CLINIC SITE

(18) University officials have been negotiating with the Department of Mental Health regarding a site for a Mental Health Clinic on the Urbana-Champaign campus. The Clinic will provide for treatment, training, and research on the mental health problems of children who are mentally retarded and/or emotionally disturbed. It will consist of facilities for both residential and day-care children. The site will also provide for University activities of clinical research and training in this field for certain University departments such as Psychology and Speech.

Following studies of alternate sites, the University now proposes, and the Department of Mental Health concurs, that a site owned by the University and located north of the proposed Shapland Road and west of First Street extended, consisting of approximately thirty-five acres, be assigned for the development of a Mental Health Clinic. The proposed site consists of approximately five acres of land fronting on First Street, now used as a part of the Agricultural Experiment Station Swine Farm, and the east thirty acres of the fifty-one acres of land purchased in December, 1960, from Fred V. Percival. The site will not include privately-owned land at the northwest corner of the proposed Shapland Road and First Street intersection, extending approximately 1,320 feet north of the proposed Shapland Road and 420 feet west of First Street.

¹ Dr. Royden Dangerfield, Dean of Administration and Associate Provost, Chairman; Dr. James C. Plagge, Professor of Anatomy, Secretary; Dean Granville A. Bennett, College of Medicine; Dr. Mark H. Lepper, Professor of Preventive Medicine and Head of the Department; Dr. Richard J. Winzler, Professor of Biological Chemistry and Head of the Department; Dr. J. S. Begando, Vice-President for the University of Illinois at the Medical Center, ex officio; and Mr. James E. Osborn, Business Manager, Chicago Colleges, ex officio.

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of an agreement with the Department of Mental Health of Illinois for improvement of the above-mentioned site as a Mental Health Clinic, which agreement may provide that, to the extent permitted by law, the University will convey to the state of Illinois such part or all of said site as is necessary for its proper development as such Clinic.

A formal resolution will be presented at a subsequent meeting in the event a transfer of University property is required.

I concur.

On motion of Mr. Pogue, this recommendation was approved.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(19) The Committee on Nonrecurring Appropriations recommends the following appropriations and assignments of funds from the General Reserve:

University High School, language laboratory equipment.....	\$15 950
Industrial Education, equipment.....	4 963
School of Music, pianos and equipment for Willard House.....	8 150
Vice-President, Chicago Undergraduate Division, Language Laboratory..	20 364
Chemistry and Chemical Engineering, equipment.....	2 775
Architecture:	
Equipment.....	18 104
Remodeling student lounge.....	2 805
<i>Total</i>	<u>\$73 111</u>

I concur.

On motion of Mr. Hughes, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CLOSED-CIRCUIT TELEVISION DISTRIBUTION SYSTEM AT URBANA-CHAMPAIGN

(20) Funds totaling \$289,500 have been assigned by the Board and contracts have been awarded for remodeling of the building at 1112 West Main Street, Urbana, purchased by the University to provide television studios and equipment for Station WILL-TV which will be moved from the present quarters in the West Hall of the Memorial Stadium. Included in the assignment of funds is approximately \$33,500 for coaxial cable for a closed-circuit television distribution system.

Studies indicate that for the first several years it will be more economical to rent the closed-circuit distribution system. Rental will also provide flexibility for changes in future desired service and changes in technology, an arrangement which may be contracted for on a one-year, renewable basis.

The total annual rental charge for two distribution channels to serve four buildings, one collection channel to serve two buildings, including the technician's line and a studio transmitter link, is \$5,748.

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of the necessary agreements with the Illinois Bell Telephone Company for closed-circuit television facilities.

Funds for the rental payments will be provided in the 1962-63 budget, and \$33,500 of the appropriation made in January, 1962, will lapse.

I concur.

On motion of Mr. Swain, this recommendation was approved, and authority was given as requested. This action was taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner; Mr. Hughes asked to be recorded as not voting.

WIDE AREA TELEPHONE SERVICE

(21) Illinois Bell Telephone Company has offered, in connection with the transfer to the Centrex System, to provide wide area telephone service permitting an unlimited number of telephone calls to any city within the state of Illinois from any unrestricted administrative telephone at a monthly rate of \$600 for each wide area line required. The number of lines can be increased or decreased each month, depending upon the traffic load.

An analysis of the number of toll calls within Illinois indicates that a savings will be possible through the use of the wide area lines at Urbana-Champaign and in Chicago.

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a contract with the Illinois Bell Telephone Company for wide area telephone service.

On motion of Mr. Johnston, this offer was accepted, and authority was given as requested. This action was taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner; Mr. Hughes asked to be recorded as not voting.

EXTENSION OF WATER SERVICE TO PELL FARM

(22) The Pell Farm southeast of Urbana, purchased in February, 1960, has been assigned to the Department of Horticulture for teaching and research, replacing the horticulture tracts taken over for the Florida Avenue, Orchard Place, and Orchard Downs Housing projects. In order to provide for the continuation of the research and teaching programs of the Department of Horticulture, and to initiate plantings on the Pell Farm this year, it is necessary to provide water service to the site for irrigation purposes.

The Northern Illinois Water Corporation has proposed construction of a twelve-inch water main on the west side of Anderson Street, Urbana, extended to the south side of Myra Road, a distance of approximately 2,030 feet, and on the south side of Myra Road east approximately 2,470 feet to the northeast corner of the Pell Farm, to provide the needed water service.

The Director of the Physical Plant and the Vice-President and Comptroller recommend, and I concur, that the Board of Trustees authorize a "Main Extension Agreement" with the Northern Illinois Water Corporation for the extension of a twelve-inch water main along Anderson Street extended and Myra Road to provide water service at the Pell Farm, at a cost to the University not to exceed \$14,911, which will be reduced downward proportionately to the actual cost if said actual cost is less than estimated.

It is also recommended that funds not to exceed \$14,911, available in the construction budget for the Orchard Downs Apartments, be assigned for this water service since relocation of the field work of the Department of Horticulture was necessary to release the land it formerly had for housing construction.

On motion of Mr. Hughes, the foregoing recommendations, including the requested assignment of funds, were approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

It is further recommended that the following resolution be adopted authorizing an easement to the Northern Illinois Water Corporation for installation of a twelve-inch water main across the north thirty-three feet of the Pell Farm:

Resolution

Be It, and It Hereby Is Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this Board of Trustees be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or

other document or documents as to them may seem necessary or desirable in order to grant to Northern Illinois Water Corporation, an Illinois corporation, hereinafter referred to as "Grantee," its successors and assigns, the right and easement to construct, reconstruct, operate, maintain, repair, alter, replace, move and remove a twelve-inch (12") water line and other equipment appurtenant thereto, under, through and across the land hereinafter described and the right of ingress to and egress therefrom. Grantee shall agree to repair any damage to property of this Corporation by the construction, reconstruction, operation, maintenance, repairing, alteration, moving and removing of said water line. The right-of-way easement shall remain in full force and effect from the date granted and for so long thereafter as said water transportation line is continued in service and has not been abandoned and discontinued. Upon termination of the easement Grantee shall peaceably surrender possession of said premises to this Corporation and full and complete title then shall remain in this Corporation free and clear of said easement. The right-of-way easement shall be over the following-described property:

Situated in the State of Illinois, the County of Champaign, and consisting of the North Thirty-three (33) feet of the Northwest Quarter (NW ¼) of Section Twenty-eight (28), Township Nineteen (19) North, Range Nine (9) East of the Third Principal Meridian.

On motion of Mr. Hughes, the foregoing resolution was adopted without dissent.

CONTRACTS FOR CONSTRUCTION OF MEDICAL SCIENCES ADDITION BUILDING

(23) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for construction of the Medical Sciences Addition at the Medical Center, the award in each case being to the lowest bidder:

General — Oman and Giden, Inc., Northfield.....	\$1 698 400 00
Base Bid	\$1 632 900
Additive Alternate for completion of sixth floor..	65 500
Plumbing — Ewing Plumbing, Inc., River Forest.....	326 630 00
Base Bid	\$ 308 310
Additive Alternate for completion of sixth floor..	18 320
Heating and Refrigeration — William A. Pope Company, Chicago.....	639 982 00
Base Bid	\$ 612 720
Additive Alternate for completion of sixth floor..	27 262
Ventilating — H. G. Prizant and Company, Chicago.....	393 418 00
Base Bid	\$ 329 777
Additive Alternate for completion of sixth floor..	63 641
Pipe Covering — Luse-Stevenson Company, Chicago.....	123 454 00
Base Bid	\$ 113 000
Additive Alternate for completion of sixth floor..	10 454
Electrical — Wadeford Electric Company, Chicago.....	454 868 00
Base Bid	\$ 418 868
Additive Alternate for completion of sixth floor..	36 000
Elevators — Westinghouse Electric Corporation, Chicago.....	77 287 00
Laboratory Equipment — Borroughs Manufacturing Company, Kalamazoo, Michigan	458 787 33
Base Bid	\$356 987 07
Additive Alternate for completion of sixth floor	105 818 81
Deductive Alternate for substitution of Al- berene stone tops on laboratory tables....	—4 018 55
High Altitude Chamber Equipment — Vacudyne Corporation, Chicago	105 207 00
Base Bid	\$ 93 821
Additive Alternates:	
For oxygen system.....	2 808
Temperature control	8 578
<i>Total</i>	<i>\$4 278 033 33</i>

It is also recommended that all contracts other than the general contract be assigned to the contractor for the general work, making the total of his contract price \$4,278,033.33.

It is further recommended that an assignment agreement be entered into with Oman and Giden, Inc. for the assignment of these other contracts for \$50,000, this being the amount bid by that company for a service charge for supervision of other contracts assigned to the general contractor.

Funds are available from the following sources:

State capital appropriations to the University for 1961-63 from the Universities Building Fund, which have been released.....	\$4 063 000
National Institutes of Health grant.....	1 346 115
Hill-Burton federal funds for which application is pending.....	243 938

Submitted herewith are schedules of bids received and the proposed construction budget for the project, copies of which are being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACT WITH CHICAGO LAND CLEARANCE COMMISSION FOR CONGRESS CIRCLE CAMPUS SITE

(24) Based on the campus planning approved by the Board of Trustees on September 21, 1961, negotiations have continued with the Chicago Land Clearance Commission for the acquisition of the Congress Circle site. A draft of the site acquisition contract has been developed, the terms of which may be summarized as follows:

The Commission will:

Complete the acquisition of the site and transfer the parcels to the University at various times within the University's time schedule. The first transfer of land to the University is to be made on June 30, 1962. The conveyances will be subject to necessary underground utility easements which must cross the site and which have been mutually agreed upon;

Demolish and remove all existing buildings (except a portion of the Hull House complex), and grade the site;

Remove all paving, street lighting fixtures, sidewalks, and utility lines within the site except for those which may remain, by mutual agreement;

Secure the vacation of streets, alleys, and other public rights which are to be eliminated and replat the area;

Assume the cost and responsibility for paving and improving the adjacent streets, including street lighting, in order to provide for the projected increased traffic load; and

Cause the abandonment, removal, installation, and relocation of such utilities as may be mutually agreed upon.

The University will:

Pay the Commission at the rate of \$1.008 per square foot for land conveyed to it. Develop the property as a campus in accordance with the approved redevelopment plan; and

Diligently prosecute the construction of the improvements.

The Director of the Physical Plant, the Legal Counsel, and the Vice-President and Comptroller recommend that execution of the contract by the University be authorized.

I concur.

Mr. John G. Duba, Executive Director of the Chicago Land Clearance Commission, was introduced at this point, and spoke briefly regarding this contract. He stated that the next step in its implementa-

tion would be adoption of an ordinance by the City Council of Chicago, and that such an ordinance was being introduced today. Presidents Clement and Henry and Mr. Johnston expressed, on behalf of the Board of Trustees and University officials, appreciation of the excellent cooperation they had received from Mr. Duba and his associates in the negotiations for the acquisition of the Congress Circle Campus.

On motion of Mr. Johnston, a contract with the Chicago Land Clearance Commission for the acquisition of the Congress Circle site in accordance with the terms and conditions indicated was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACTS FOR CONSTRUCTION OF CENTRAL RECEIVING WAREHOUSE

(25) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of the following contracts for construction of the first unit of a Central Receiving Warehouse, the award in each case being to the lowest bidder:

General — Kuhne-Simmons Company, Inc., Champaign.....	\$125 132
Base Bid	\$124 132
Additive Alternate for adjustable dock loading ramp.....	1 000
Electrical — Square Deal Electrical Contracting Company, Inc., Urbana	14 300
Base Bid	\$ 13 400
Additive Alternate to provide for airconditioning in office areas	900
Plumbing — David W. Reichard Plumbing and Heating, Urbana.....	8 200
Heating, Piping, Refrigeration, and Automatic Temperature Control Systems — F. R. Inskip and Company, Champaign.....	12 000
Base Bid	\$ 8 000
Additive Alternate to provide for airconditioning in office area	4 000
Ventilating and Distribution System for Conditioned Air — Reliable Plumbing and Heating Company, Champaign.....	9 982
Base Bid	\$ 9 764
Additive Alternate to provide for airconditioning office area	218
<i>Total</i>	<u>\$169 614</u>

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and in the Office Supply Equipment Reserve Fund.

Submitted herewith is a supporting memorandum from the Physical Plant Department, including a schedule of all bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Hughes, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

CONTRACT FOR REMODELING IN RESEARCH AND EDUCATIONAL HOSPITALS

(26) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$3,382.55 to the R S R Construction Company, Chicago, the lowest bidder, for remodeling in the Research and Educational Hospitals.

The work will include installation of utilities and connections with laboratory furniture, air conditioning, and new lighting in the conversion of Room 332 into a pulmonary physiology laboratory.

Funds are available in Indirect Costs assignments to the Medical Center campus.

I concur.

On motion of Mrs. Watkins, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

**CONTRACTS FOR THE EXTENSION OF ELECTRIC SERVICE
TO THE PHYSICAL PLANT SERVICE BUILDING
AND JONATHAN BALDWIN TURNER HALL**

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of the following contracts for extension of the electrical distribution system to service Jonathan Baldwin Turner Hall (Plant Sciences Building) and the Physical Plant Service Building, the award in each case to the lowest bidder:

Furnishing and installation of electrical equipment and cable — Aldridge Electric, Inc., Lake Forest, Illinois.....	\$111 665
Furnishing of materials for and construction of underground duct runs and manholes — Cross Construction, Inc., Urbana, Illinois.....	49 925

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Hughes, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

ADDITION TO CONTRACT FOR CONSTRUCTION OF ASSEMBLY HALL

(28) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$40,216.55 in the contract with Felmley-Dickerson Company, Inc., for construction of the Assembly Hall to provide a canopy of concrete over the main entrance walkway and a folding wall between the reception and dining areas.

Funds are available from the proceeds of the Assembly Hall Revenue Bonds issue.

I concur.

On motion of Mr. Swain, this change in contract was authorized.

ADDITION TO CONTRACT FOR ARMORY INTERIOR REMODELING

(29) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$8,206.67 in the contract with A. F. Krall Construction Company for interior remodeling in the Armory to provide three safety improvements and some changes in the original specifications:

A guard rail on the roof deck which is used for mechanical equipment and storage. The roof is thirty-five feet above the floor and the rail will be a safeguard to personnel and materials stored.

A smoke screen at the north and south stairways to prevent any smoke originating in the Armory arena from getting into the office quarters.

Window guards for second story corridor windows.

Funds are available in the special appropriation for this remodeling.

I concur.

On motion of Mr. Johnston, this change in contract was authorized.

TRUSTEE EMERITUS AWARD

(30) It is recommended that the Trustee Emeritus Award be conferred upon the following former members of the Board of Trustees:

HOMER MAT ADAMS, 1937-43
 CUSHMAN B. BISSELL, 1953-59
 MRS. MARGARET DAY BLAKE, 1919-25;
 1930
 MRS. FLORENCE W. BURRELL, 1913-19
 JAMES M. CLEARY, 1937-43
 CHESTER R. DAVIS, 1940-49
 WALTER T. FISHER, 1929-31
 JOHN R. FORNOF, 1941-53
 MRS. NELLIE V. FREEMAN, 1933-39
 HAROLD E. GRANGE, 1951-55
 MRS. HELEN M. GRIGSBY, 1921-33;
 1941-47

WIRT HERRICK, 1949-61
 ROBERT Z. HICKMAN, 1949-55
 MRS. DORIS S. HOLT, 1947-59
 MRS. MARJORIE R. HOPKINS, 1931-35
 PARK LIVINGSTON, 1941-59
 DR. MARTIN G. LUKE, 1943-49
 OSCAR G. MAYER, 1935-41
 FRANK H. MCKELVEY, 1943-49
 WALTER W. McLAUGHLIN, 1945-51
 DR. KARL A. MEYER, 1933-51
 MRS. MARIE C. PLUMB, 1935-41
 FRED L. WHAM, 1925-27

Ex Officio Members

Former Superintendents of Public Instruction:

VERNON L. NICKELL, 1943-59

JOHN A. WIELAND, 1935-43

Former Governors of Illinois:

JOHN STELLE, 1940-41

WILLIAM G. STRATTON, 1953-61

ADLAI E. STEVENSON, 1949-53

On motion of Mrs. Watkins, this recommendation was approved.

PURCHASES

(31) The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One ultramicrotome to be used for the slicing of very thin pathological specimens to be examined with the electron microscope	Pathology	LKB Instruments, Inc., Washington, D.C.	\$ 4 394 00 delivered
One lot of laboratory equipment and supplies consisting of one nonoptical electronic counter for blood, bacteria, and tissue culture cell counts, and 48 graduated plastic cylinders	Chemistry, College of Pharmacy	Scientific Products, Evanston	3 730 00 delivered
30 microscopes less trade-in allowance for 30 used microscopes	Student Supply Store, Medical Center Campus	Scientific Products, Evanston	5 257 49 delivered
19,000 reams of paper, spirit fluid duplicator, 8½ x 11	Office Supply Storeroom, Chicago Colleges and Divisions	Hollis & Duncan, Chicago	13 623 61 f.o.b. delivered
100 reams of paper, spirit fluid duplicator, 8½ x 14			
2,686 reams of paper, 25 per cent rag bond watermarked, white, assorted sizes and weights	Office Supply Storeroom, Chicago Colleges and Divisions	Chicago Paper Company, Chicago	20 067 24 f.o.b. delivered
3,250 reams of paper, 50 per cent rag bond watermarked, white, assorted sizes and weights			
5,000 lbs. of paper, 50 per cent rag bond, 22 x 34 — 48 lb., to be made into envelopes			

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One spectrophotometer, range 200 to 2,500 mu, quartz optics with monochromator, power supply unit, sample changer, automatic adjusting device and step-up transformer	Chemistry and Chemical Engineering	W. H. Kessel & Co., Chicago	\$ 6 735 00 f.o.b. delivered
One spectrophotometer, recording type, with wavelength range from 1860 angstrom units to 2.65 microns, stray light less than .0001 per cent, double monochromator, multiple scanning speeds from 0.5 A/sec. to 500 A/sec., dual range recorder, and reversible light path to be used for identification of biochemical and physiological compounds	Dairy Science	Applied Physics Corp., Monrovia, Calif.	16 240 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Low voltage references (assemblies consisting of series strings of silicon and germanium diodes): 200 type SS 3141A 250 type SS 3142A 500 type SS 3143A 400 type SS 3144A to be used in the new digital computer now under construction in the Digital Computer Laboratory	Digital Computer Laboratory	Semiconductor Specialists, Inc., Chicago	\$ 3 286 00 f.o.b. delivered
One driver training system, three-place, complete with recorder, cars, projector, and projection screen	Health and Safety Education	Rockwell Manufacturing Co., Pittsburgh, Pa.	6 900 50 f.o.b. delivered and installed
Equipment to add seven booths to the Language Laboratory presently consisting of 77 positions; each unit consists of one tape deck and amplifier, microphone and stand, head set and booth	Language Laboratory	Carroll Seating Co., Chicago	2 668 00 f.o.b. delivered and installed
One precision electromagnet, analytical, 15 in. pole face diameter tapered to 12 in. with $3\frac{1}{4}$ in. gap; homogeneity approximately one part in 100 K over a $\frac{1}{2}$ in. cube at the site of best homogeneity; vertical and horizontal rotation; extra pole caps	Mining, Metallurgy, and Petroleum Engineering	Pacific Electric Motor Co., Oakland, Calif.	21 520 00 f.o.b. delivered
One power supply, solid state, water cooled, 25 kw. (one-year full-service contract)			
Three automatic film scanning systems, each system to consist of three projectors and lenses for three 100 to 400 foot rolls of 35, 50, or 70 mm. film, push-button controls for forward or reverse, capable of moving all three films simultaneously and in synchronism, or any pair of films, or any one film, speeds continuously variable from 1 cm. every 4 seconds up to 100 ft. in a few minutes, and capable of taking either perforated or unperforated film	Physics Betatron	Officine Prevost, Milano, Italy	8 034 00 f.o.b. Genoa, Italy
One chromatogram scanner, 4 Pl. completely transistorized, in one-piece unit, capable of reducing background noise to less than 10 cpm, for scanning low-energy Beta-emitting radioisotopes	Plant Pathology	Vanguard Instrument Co., La Grange	2 600 00 f.o.b. delivered
One evaporator, high-vacuum custom built for use in conjunction with electron microscopy, with pumps, bell jar, ionization, transformer, and 115 volt power supply	Veterinary Medicine	Illini Consultants, Tolono	2 695 00 f.o.b. delivered
Six physiograph comprehensive systems and accessories to be used in teaching the universal measurement of the various body functions such as brain activity, circulatory action of the blood, contraction of muscles, and kidney function; they will also be used to teach a measurement of normal functions of the body and changes induced by various drugs	Veterinary Medicine	E & M Instrument Co., Inc., Houston, Texas	16 674 50 f.o.b. delivered
62 miscellaneous films, movie, 16 mm. color and black and white (a complete list of the film titles was available at the Board meeting)	Audio-Visual Aids Service	Coronet Films, Chicago	6 612 50 f.o.b. delivered
Print and bind 3,000 copies of <i>High School Mathematics</i> , teachers' edition, units one through four (revised edition), trim size $8\frac{1}{2}$ x 11, approximately 757 pages per copy	University Press	Edwards Brothers, Inc., Ann Arbor, Mich.	6 770 00 f.o.b. delivered
Print and bind 2,000 copies of <i>The Farm Bureau and the New Deal</i> , by Christiana Campbell	University Press	Pantagraph Printing & Stationery Co., Bloomington	3 184 94 f.o.b. delivered
2,000 reams paper, onionskin, $8\frac{1}{2}$ x 11	Office Supply	Bradner Smith & Co., Chicago	4 724 00 f.o.b. delivered
4,000 reams paper, manifold, $8\frac{1}{2}$ x 11	Storeroom		

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
120 tote boxes, aluminum, stacking type with handles; the tote boxes are to be used by the Housing Division for delivery of foods to various residence halls on the Urbana campus; each box has a capacity of 100 pounds	Housing Division	Morton Selz, Inc., Chicago	\$ 2 508 00 f.o.b. delivered
One airplane, 1962 model, single engine, 145 horsepower, with optional equipment, without radio communication and navigation equipment; less trade-in of one North American T-6 airplane	Institute of Aviation	Walston Aviation, Inc., East Alton	18 726 85 f.o.b. delivered
One airplane, 1961 model, single engine, 175 horsepower, with optional equipment, including radio communication and navigation equipment; less trade-in of one Boeing A75N1 airplane			
Resurfacing of Gregory Drive from Fourth Street east to Sixth Street	Physical Plant	Champaign Asphalt Co., Champaign	7 137 50 delivered and installed
15 high vacuum valves with 14 mm. glass tubulations	Coordinated Science Laboratory	Granville-Phillips Co., Pullman, Wash.	3 075 00 f.o.b. delivered
Six variable leaks with 8 mm. tubulations			
One spectrophotometer, one atomizer burner, one flame photometer, and one lot miscellaneous laboratory apparatus (a complete list of the items included in this purchase was available at the Board meeting)	General Chemistry Stores	Chicago Apparatus Co., Chicago	3 902 00 f.o.b. delivered
Two scintillation probes, two decade scales (consisting of one timer and one preamplifier), two high-voltage power supplies, and one rack to accommodate this equipment and accessories, for use in scintillation counting of disintegrations of Radon (a radioactive isotope), proportional counting, geiger counting, teaching, and research	General Engineering	Hamner Electronics Co., Inc., Princeton, N. J.	3 634 00 f.o.b. delivered
Six pianos, studio upright, dark oak finish	Music	Emerson's Piano House, Inc., Champaign	3 132 00 f.o.b. delivered
One grand piano, 7 foot, ebony finish; less credit for trade-in of a Beckstein grand piano, 8 foot, ebony finish	Music	Emerson's Piano House, Inc., Decatur	3 195 00 f.o.b. delivered
Spectrophotometer, recording, range 1750-8000 angstroms, variable scanning speed, absorbance range 0-1, full-scale expansion, with thermostated absorption cell compartment, 10-in. recording chart for use in absorbance measurements on alkali and halide crystals	Physics	Applied Physics Corp., Chicago	13 243 00 f.o.b. delivered
One testing machine, Universal, 50,000 lb. capacity with programming controls for load vs. time and strain vs. time	Theoretical and Applied Mechanics	Research, Inc., Minneapolis, Minn.	26 727 00 f.o.b. delivered
One photomicroscope, with electric exposure device, a rotating mechanical stage and various auxiliary lenses and eyepieces, including installation, initial use instructions, and one-year guarantee, to be used for research projects and diagnostic work	Veterinary Medicine	Harshaw Scientific Division, Detroit, Mich.	5 444 72 f.o.b. delivered
One automatic superspeed refrigerated centrifuge with one small and one large capacity rotor for use in research on cell fractionation	Zoology	Ivan Sorvall, Inc., Norwalk, Conn.	2 890 00 f.o.b. delivered
79 bedroom chests, 36 in. wide x 21 in. deep x 42 in. high, maple, with formica tops	Housing Division, Orchard Downs Housing	S. Buckman Furniture & Supply Co., Spring Valley	15 550 64 f.o.b. delivered
79 lounge chairs, maple, with plastic upholstery			
158 shelf tables, 24 in. x 30 in. x 21 in. high, with formica tops;			
To be used in the apartments in the Orchard Downs Housing area			
Furnish and install rugs and pads in the lounges of the Illini Union Addition; total of four rugs and four pads to be purchased	Illini Union	Sackett's Furniture Store, Champaign	4 240 00 f.o.b. delivered and installed

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Furnish and install draperies and all necessary hardware in Illini Union Addition, including 76 guest rooms, new cafeteria dining room area, four lounges, and eight meeting rooms	Illini Union	Art Drapery Studios, Inc., Chicago	\$ 7 944 98 f.o.b. delivered and installed
Lounge furniture for the Illini Union Addition	Illini Union	L. B. Herbst Corp., Chicago	22 101 40
Group A		Groups A, B and D	
14 sofas, upholstered		Gilbert A. Force Co., Chicago	2 401 52
44 chairs, upholstered		Group C	(24 502 92) f.o.b. delivered
8 settees, upholstered			
11 benches, Chippendale, upholstered			
2 sofa tables, walnut			
Group B			
18 chairs, upholstered			
Group C			
6 chairs, upholstered			
2 settees, upholstered			
Group D			
2 oval tables, walnut			
14 end tables, walnut			
2 sofa tables, walnut			
1 round table, walnut			
Approximately 2,660 square yards carpeting and pads for the guest rooms and corridors in the Illini Union Addition; to be furnished and installed	Illini Union	Montgomery Ward & Co., Chicago	27 078 80 f.o.b. delivered and installed
Meeting room furniture for the Illini Union Addition consisting of 46 tables and 671 chairs	Illini Union	S. Buckman Furniture & Supply Co., Spring Valley	29 780 94 f.o.b. delivered
237 steel storage cabinets, 36 in. wide x 18 in. deep x 78 in. high	Office Supply Storeroom, Urbana and Chicago	All-Steel Equipment, Inc., Aurora	9 052 47 f.o.b. delivered
25 steel storage cabinets, 36 in. wide x 24 in. deep x 78 in. high			
6 steel wardrobe cabinets, 36 in. wide x 18 in. deep x 78 in. high;			
Estimated nine months' supply, deliveries to be made in May, July, and September, 1962			
360 cases napkins, 12 in. x 13 in., compact size, white, packed 10,000 per case	Office Supply Storeroom	Abana Products, Inc., Bloomington	3 672 00 f.o.b. delivered
One VOR audio signal generator, accuracy $\pm 0.2^\circ$; tone localizer accuracy ± 0.2 db for on-course signal; output voltage stability ± 5 per cent	Institute of Aviation	Bohling Aircraft Corp., Chicago	3 103 45 f.o.b. delivered
One 1961 model (used) airplane complete with standard equipment; less credit for trade-in of model H35 Beechcraft airplane No. N5509D	Institute of Aviation	Elliott Flying Service, Inc., Moline	13 000 00 f.o.b. delivered
240 sheets—iron, sheet, galvanized (33 sheets hot rolled steel plate and assorted sizes of carbon steel rod; various lengths and sizes of stainless steel free machining rod and sheet)	Physical Plant	Metal Goods Corp., St. Louis, Mo.	2 645 63 f.o.b. delivered $\frac{1}{2}$ —1 per cent —ten days
One aerial platform, 85 ft. maximum height, mounted on truck chassis being furnished by the University; this platform will be used in fire fighting and general maintenance work at high levels	Physical Plant	Illinois FWD Truck & Equipment Co., Des Plaines	23 847 84 mounted and delivered
One truck chassis, 228 in. wheelbase, with tilt cab; this vehicle will be used to mount an 85 ft. aerial platform thereon	Physical Plant Storeroom	University Ford Sales, Champaign	7 868 00 f.o.b. delivered
Two sedans, four-door, standard size	Physical Plant Storeroom	Rogers Chevrolet Co., Rantoul	
One sedan, four-door, standard size, with power steering and power brakes		Two sedans, standard size	2 214 12
One sedan, four-door, standard size, equipped for police use		Two sedans, compact size	2 077 94
One sedan, four-door, compact size		University Ford Sales, Champaign	
One sedan, four-door, compact size, equipped for police use		Two sedans, standard size	2 901 00 (7 193 06)
All of the above vehicles, except one, are to replace present units in the University's fleet. One four-door, standard size sedan with power steering and power brakes is an addition to the fleet.		All prices are f.o.b. delivered	

On motion of Mr. Harewood, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(32) The Comptroller's report of contracts executed during the period March 1 to 31, 1962.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Air Force AF 30 (602) 2650	Study of molecular storage and transfer of energy in shock waves	\$ 51 100 00	February 1, 1962
United States Air Force AF-AFOSR 62-192	Diffusion and phase changes in metals	64 270 00	April 1, 1962
United States Air Force AF-AFOSR 62-287	Studies in quantum electronics	25 000 00	March 1, 1962
United States Navy NBy-37633	Study on multiple panel reinforced concrete slabs	5 000 00	November 28, 1961
<i>Total</i>		<u>\$145 370 00</u>	

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Allis-Chalmers Manufacturing Co.	Lease of farm machinery: two tractors with accessories; one mower with bar	\$ 726 37	February 13, 1962
International Harvester Co.	Rental of farm machinery, six items: \$75.98 to \$444.70	1 173 20	January, February, and March, 1962
<i>Total</i>		<u>\$ 1 899 57</u>	

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Gas Association	Effects of alternating current on the corrosion of steels buried in soils	\$ 18 000 00	January 3, 1962
Crop-Hail Insurance Actuarial Association	Factors producing hail storms in Illinois	6 000 00	February 12, 1962
Dawe's Laboratories, Inc.	Study of animal and poultry nutrition	2 000 00	February 19, 1962
Moorman Manufacturing Co.	Study of poultry nutrition	2 600 00	February 19, 1962
Shell Chemicals Corp., Agricultural Chemicals Division	Evaluation of chlorinated hydrocarbon compounds as insecticides	2 500 00	January 24, 1962
United States Air Force AF 30 (602) 2650	Molecular storage and transfer of energy in shock waves	20 342 00	March 15, 1962
United States Navy Nonr-1244(00)	Establish program for training in military and disaster medicine	6 500 00	July 1, 1961
United States Navy Nonr 1834(23)	Research relating to theory of group representations and measure theory	8 800 00	February 8, 1962
United States Navy Nonr 1834(29)	Develop techniques and instrumentation for measuring acoustic attenuation	13 987 00	January 27, 1962
United States Navy Nonr 1834(30)	Additional research on mechanism of halophilism in bacteria	39 048 00	January 22, 1962
<i>Total</i>		<u>\$119 777 00</u>	

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
International Business Machines Corp.	Rental: One 1406 Model 1; one 026 key punch	\$ 6 288 00 (per year)	February and March, 1962

Adjustments Made in 1961-62 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Thirty-one items: \$588.13 deduct to \$1,050.00	\$ 643 11	February and March, 1962
M. E. Hollett (Painting)	One item	1 768 00	March, 1962
<i>Total</i>		<u>\$ 2 411 11</u>	

This report was received for record.

EMPLOYMENT OF AUDITORS

(33) The firm of Lybrand, Ross Brothers, and Montgomery was employed to audit the accounts of the University of Illinois for the year ended June 30, 1961, with the understanding that the firm would be employed for two additional years, subject to annual review.

The services of Lybrand, Ross Brothers, and Montgomery have been very satisfactory. The firm proposes to complete the audit for the year ending June 30, 1962, at the prevailing hourly rates for college and university audits, plus cash expenses, with the understanding that the aggregate charges will not exceed the following amounts:

University of Illinois (including reports on revenue bond funds).....	\$22 300
University Retirement System of Illinois.....	2 200
University of Illinois Alumni Association.....	600
University of Illinois Athletic Association, including Retirement System..	1 000
University of Illinois Foundation.....	1 500

In accordance with the usual practice, the auditors will submit their reports jointly to the Board of Trustees and to the Auditor General. The firm of Lybrand, Ross Brothers, and Montgomery is acceptable to the Auditor General.

The Finance Committee recommends the employment of Lybrand, Ross Brothers, and Montgomery for the audit of University accounts for the fiscal year ending June 30, 1962.

On motion of Mr. Williamson, this recommendation was approved.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) fellows; (3) graduate fellows; (4) resignations and declinations; (5) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ADAMS, ROBERT K., Instructor in Architecture and Art (Chicago Undergraduate Division), to render service during the second semester of the academic year, February 1-June 30, 1962, \$3,250 (3-22-62).

ALLHANDS, JESSIE, Instructor in Mathematics, to render service during the second semester of the academic year, March 1-August 31, 1962, \$5,400 a year (3-13-62).

ANDERSON, MRS. MARY P., Research Assistant in Chemistry, February 26-August 31, 1962, \$6,000 a year (3-15-62).

ANDREWS, ROLLIN D., III, Project Assistant in Aquatic Biology (Graduate College and Illinois Natural History Survey), $\frac{3}{4}$ time, March 16-May 31, 1962, \$300 a month, and full time, June 1-August 31, 1962, \$400 a month, supersedes (3-19-62).

BAILAR, FLORENCE, Instructor in Mathematics, $\frac{5}{8}$ time, six months from March 1, 1962, \$4,500 a year (3-13-62).

BELFORD, R. LINN, Research Assistant Professor of Chemistry, two months from June 16, 1962, \$889 a month; this is in addition to his present appointment (3-22-62).

BLACKBURN, DAVID A., Research Associate in Physics (C), one year from September 1, 1962, \$7,500 (3-13-62).

BLAKE, J. BERNARD, Research Associate in Physics (C), March 16-August 31, 1962, \$600 a month (3-19-62).

BOWLER, JOHN F., Visiting Lecturer in Education, Summer Session of 1962, June 18-August 11, 1962, \$1,900 for the period (3-30-62).

BROCKMAN, DAVID D., Clinical Assistant Professor of Psychiatry (Medicine), six months from March 1, 1962, without salary (3-12-62).

BROWN, DONALD E., Associate Professor of Journalism, Summer Session of 1962, $\frac{1}{2}$ time, June 18-August 11, 1962, \$1,134 for the period (3-27-62).

BUTTS, DAVID P., Assistant in Education, Summer Session of 1962, June 18-July 14, 1962, \$545 for the period (3-30-62).

CALDWELL, RODERICK, Instructor in Mathematics, $\frac{1}{2}$ time, to render service during the second semester of the academic year, March 1-August 31, 1962, \$2,700 a year (3-15-62).

CAMPBELL, JAMES L., Instructor in Music, Summer Session of 1962, $\frac{1}{3}$ time, June 18-August 11, 1962, \$400 for the period (3-27-62).

CAPEK, RADAN, Research Associate in Pharmacology (Medicine), nine months from April 1, 1962, \$500 a month (3-30-62).

- CARREIRA, ELEUTERIO, Assistant in Anesthesiology, Department of Surgery (Medicine), six months from January 1, 1962, without salary (3-22-62).
- CHANDLER, MARGARET K., Associate Professor of Sociology (Chicago Undergraduate Division), indefinite tenure from March 1, 1962, to render service during each academic year, \$8,500 a year, supersedes (3-23-62).
- CONDO, GEORGE T., Research Associate in Physics (C), five months from April 1, 1962, \$600 a month, supersedes (3-30-62).
- CONRAD, H. EDWARD, Assistant Professor of Chemistry (Radiocarbon Laboratory), to render three and one-half months' service during the second semester of the academic year, and to be paid from March 1-August 31, 1962, \$2,916.69, supersedes (3-28-62).
- DADMUN, STEWART E., Instructor in Medicine (Medicine), $\frac{3}{4}$ time, six months from March 1, 1962, \$2,400 a year, supersedes (3-15-62).
- DAVIDSON, GEORGE Q., Assistant in English, February 1-June 15, 1962, \$444.44 a month, supersedes (3-13-62).
- DAVIS, JIM E., Instructor in Economics, Summer Session of 1962, $\frac{1}{2}$ time, June 18-August 11, 1962, \$806 for the period (3-30-62).
- DICKERSON, RICHARD E., Research Assistant Professor of Chemistry, two months from June 16, 1962, \$822.50 a month; this is in addition to his present appointment (3-22-62).
- DICKMAN, KERN W., Research Associate in the Digital Computer Laboratory and in Sociology, six months from March 1, 1962, to render service during the second semester of the academic year, \$7,500 a year, supersedes (3-13-62).
- DUGGAN, THOMAS J., Assistant in Sociology (College of Liberal Arts and Sciences and Graduate College), $\frac{1}{2}$ time, and Research Assistant in the Office of Community Development (Provost's Office), $\frac{1}{2}$ time, February 1-June 15, 1962, \$444.44 a month (3-21-62).
- ECHOLS, HARVEY L., Research Assistant in Preventive Medicine (Medicine), February 19-August 31, 1962, \$6,700 a year (3-12-62).
- ELSEY, JOHN C., Research Associate in the Coordinated Science Laboratory, $\frac{3}{4}$ time, seven months from February 1, 1962, \$5,317 a year, supersedes (3-13-62).
- EMERY, WILLIS L., Professor of Electrical Engineering, Summer Session of 1962, June 18-August 11, 1962, \$2,778 for the period (3-15-62).
- EVANS, JAMES F., Assistant Professor of Agricultural Communications (C, S, and E), five months from April 1, 1962, \$833.33 a month, supersedes (3-30-62).
- FINER, JUNE R., Assistant in Medicine (Medicine), seven months from December 1, 1961, without salary (3-12-62).
- FLUCK, DOROTHEA I., Research Assistant in Microbiology, seven months from February 1, 1962, \$4,900 a year (3-15-62).
- GERSTNER, ROBERT W., Assistant Professor of Engineering (Chicago Undergraduate Division) Summer Session of 1962, June 22-August 17, 1962, \$1,778 for the period (3-22-62).
- GLAWE, JOHN F., Instructor in the Division of General Studies, Summer Session of 1962, June 18-August 11, 1962, \$1,414 for the period (3-27-62).
- HALLBERG, DAVID D., Assistant in Education, $\frac{1}{2}$ time, and in Physical Education for Men, $\frac{1}{2}$ time, February 1-June 15, 1962, \$2,275, supersedes (3-6-62).
- HANSCOM, DONALD H., Clinical Instructor in Medicine (Medicine), seven months from February 1, 1962, without salary (3-22-62).
- HARK, WILLIAM A., Clinical Instructor in Orthopaedic Surgery (Medicine), five months from April 1, 1962, without salary (3-12-62).
- HETHERINGTON, JACK H., Research Associate in Physics (C), June 11-August 10, 1962, \$800 a month (3-13-62).
- HUNT, ROGENE S., Assistant in History (Chicago Undergraduate Division), Summer Session of 1962, June 22-August 17, 1962, \$934 for the period (3-30-62).
- JOBARIS, JEROME E., Instructor in Engineering (Chicago Undergraduate Division), to render service during the second semester of the academic year, February 1-June 30, 1962, \$3,250 (3-15-62).
- JOHNSON, JOHN C., Assistant Professor of English (Chicago Undergraduate Division), Summer Session of 1962, June 22-August 17, 1962, \$1,667 for the period (3-15-62).
- JONES, ALFREDO, Research Assistant in Mathematics, two months from June 16, 1962, \$444.44 a month (3-22-62).

- JONES, CLAY H., JR., Clinical Instructor in Pediatrics (Medicine), seven months from February 1, 1962, without salary (3-12-62).
- JOSELYN, GEORGE B., Research Assistant in the State Natural History Survey, April 16-August 31, 1962, \$430 a month (3-14-62).
- JUVET, RICHARD S., Research Associate Professor of Chemistry, two months from June 16, 1962, \$911.50 a month; this is in addition to his present appointment (3-22-62).
- KADANOFF, LEO P., Assistant Professor of Physics (College of Engineering), December 16, 1961-January 31, 1962, \$833.33 a month, and Assistant Professor of Physics (Graduate College), to render service during the second semester of the academic year, February 1-August 31, 1962, \$535.71 a month, supersedes (3-13-62).
- KENNEDY, JOHN P., Commerce and Sociology Librarian, with rank of Instructor, June 18-August 31, 1962, \$608.33 a month, supersedes (3-13-62).
- KOORAJIAN, SAMUEL, Research Associate in Biological Chemistry (Medicine), seven months from February 1, 1962, \$6,500 a year (3-12-62).
- KROLL, CHESTER L., Clinical Instructor in Dermatology (Medicine), six months from March 1, 1962, without salary (3-15-62).
- LAITINEN, HERBERT A., Research Professor of Chemistry, one month from August 1, 1962, \$2,034; this is in addition to his present appointment (3-15-62).
- LANGSTON, GENEVIEVE R., Assistant in Education, Summer Session of 1962, July 16-August 11, 1962, \$545 for the period (3-30-62).
- LEBOVITS, BINYAMIN, Research Associate in Psychiatry (Medicine), 35/100 time, seven months from February 1, 1962, \$3,325 a year, supersedes (3-12-62).
- LEE, WEI-MING, Research Assistant in Chemistry, two months from June 16, 1962, \$444.44 a month (3-22-62).
- LIDDLE, LARRY B., Assistant in Biology (Chicago Undergraduate Division), February 1-June 15, 1962, \$444.44 a month (3-15-62).
- LIM, CHUN SOO, Research Assistant in the State Water Survey, four months from March 1, 1962, \$433.33 a month (3-13-62).
- LINSTER, R. L., Visiting Lecturer in Physics, Summer Session of 1962, June 18-August 11, 1962, \$2,100 for the period (3-27-62).
- LIVERMORE, OGDEN, Assistant Professor of Physics (Chicago Undergraduate Division), Summer Session of 1962, June 22-August 17, 1962, \$1,656 for the period (3-30-62).
- LOW, LEONE, Instructor in Mathematics, $\frac{1}{2}$ time, to render service during the second semester of the academic year, March 1-August 31, 1962, \$3,000 a year (3-13-62).
- MADSEN, ALBERT G., Research Associate in Marketing (Agricultural Economics) (S), seven months from February 1, 1962, \$7,500 a year, supersedes (3-12-62).
- MARCUS, PHILIP S., Instructor in Mathematics (Chicago Undergraduate Division), $\frac{1}{2}$ time, to render service during the second semester of the academic year, February 1-June 30, 1962, \$1,200 (3-15-62).
- MARQUINEZ, ANA C., Clinical Instructor in Psychiatry (Medicine), eight months from January 1, 1962, without salary (3-15-62).
- MARWAH, AMARJIT S., Instructor in Oral Pathology (Dentistry), six months from March 1, 1962, \$7,000 a year, supersedes (3-21-62).
- MATTISON, DONALD C., JR., Instructor in Dentistry (Dentistry), $\frac{3}{5}$ time, six months from March 1, 1962, \$4,800 a year (3-12-62).
- MEAGHER, GEORGE B., Clinical Assistant in Dermatology (Medicine), one year from July 1, 1962, \$4,900 (3-12-62).
- MERRILL, MARY E., Assistant in English, February 1-June 15, 1962, \$444.44 a month (3-13-62).
- MODI, VINOD V., Research Associate in Animal Science (S), April 15-August 31, 1962, \$500 a month (3-22-62).
- MOELIS, IRVIN, Instructor in Psychology, $\frac{2}{3}$ time, to render service during the second semester of the academic year, February 1-August 31, 1962, \$3,200 a year, supersedes (3-13-62).
- MONTGOMERY, CLARK A., Physician in the Health Service, 30/100 time, and Instructor in Medicine (Medicine), 60/100 time, March 16-June 30, 1962, \$6,900 a year, supersedes (3-30-62).

- MORSHED, HASSAN, Research Assistant in Electrical Engineering (S), six months from March 1, 1962, \$4,900 a year, supersedes (3-13-62).
- MOWAT, BRUCE, Instructor in Operative Dentistry (Dentistry), $\frac{1}{2}$ time, five months from April 1, 1962, \$3,500 a year, supersedes (3-30-62).
- NAKABAYASHI, TOSHIHIRA, Research Associate in Chemistry, September 16, 1962-August 31, 1963, \$6,000 a year (3-22-62).
- NAMTVEIT, MARY J., Research Assistant in Chemistry, six months from March 1, 1962, \$5,400 a year (3-22-62).
- NASIR, IVIS B. R., Research Assistant in Anthropology, February 8-July 7, 1962, \$2,222.20 (3-13-62).
- NELSON, HOWARD C., Assistant Professor of General Engineering, Summer Session of 1962, June 18-August 11, 1962, \$1,423 for the period (3-15-62).
- ORYSHKEVICH, ROMAN S., Clinical Instructor in Physical Medicine and Rehabilitation (Medicine), six months from March 1, 1962, without salary (3-12-62).
- PARROTT, DELORES, Instructor in Home Economics 4-H Club Work (E), $\frac{1}{4}$ time, six months from March 1, 1962, \$1,837.50 a year, supersedes (3-12-62).
- PASKO, MICHAEL, Assistant in English, February 1-June 15, 1962, \$488.89 a month, supersedes (3-13-62).
- PERLMUTTER, SHIRLEY A., Instructor in Occupational Therapy (Medicine), $\frac{3}{4}$ time, five months from April 1, 1962, \$393.75 a month, supersedes (3-15-62).
- PETERSON, HELEN M., Research Associate in Botany, seven months from February 1, 1962, \$6,400 a year, supersedes (3-13-62).
- PHILLIPS, CLARENCE, Assistant Professor of Education, Summer Session of 1962, $\frac{1}{2}$ time, June 18-August 11, 1962, \$756 for the period; this is in addition to his $\frac{1}{2}$ time summer appointment in Mathematics (3-30-62).
- POXON, NANCY J., Instructor in Mathematics, $\frac{5}{6}$ time, to render service during the second semester of the academic year, March 1-August 31, 1962, \$375 a month (3-13-62).
- RAYMON, FRANK, JR., Assistant in Anesthesiology, Department of Surgery (Medicine), six months from January 1, 1962, without salary (3-12-62).
- REIMER, BENNETT, Instructor in Education, June 18-August 11, 1962, \$1,556; this is in addition to his present appointment (3-30-62).
- RIMAWI, WALID H., Instructor in Engineering (Chicago Undergraduate Division), $\frac{1}{3}$ time, to render service during the second semester of the academic year, February 1-June 30, 1962, \$1,750 (3-15-62).
- RITTER, JACK B., Instructor in Civil Engineering (C), March 1-June 15, 1962, \$2,570 (3-23-62).
- ROSENWALD, ALAN K., Clinical Associate Professor of Psychology, Department of Psychiatry (Medicine), indefinite tenure from March 1, 1962, without salary, supersedes (3-12-62).
- RUSSELL, CHARLES K., Research Associate in Ceramic Engineering (S), $\frac{3}{4}$ time, two months from April 1, 1962, \$562.50 a month, and full time, three months from June 1, 1962, \$9,000 a year, supersedes (3-21-62).
- RUSSELL, G. A., Visiting Lecturer in Physics, Summer Session of 1962, June 18-August 11, 1962, \$2,700 for the period (3-27-62).
- SANER, REGINALD A., Instructor in English, February 1-June 15, 1962, to render service during the second semester of the academic year, \$3,000, supersedes (3-15-62).
- SARKISSIAN, JOHN L., Instructor in Biological Sciences (Chicago Undergraduate Division), Summer Session of 1962, June 22-August 17, 1962, \$1,156 for the period, supersedes previous Summer Session appointment (3-30-62).
- SCALAPINO, DOUGLAS J., Research Assistant Professor of Physics (C), one year from September 1, 1962, \$8,000 (3-13-62).
- SCHMIDT, HOWARD L., Instructor in Mechanical Engineering, Summer Session of 1962, June 18-August 11, 1962, \$1,267 for the period (3-15-62).
- SECTER, IRVING I., Assistant Professor of Clinical Dentistry (Dentistry), $\frac{3}{5}$ time, February 15, 1962-August 31, 1963, \$4,800 a year, supersedes (3-12-62).
- SEGOVIA, JOSE L. DE, Research Associate in the Coordinated Science Laboratory, January 18, 1962-August 31, 1962, \$6,600 a year, supersedes (3-30-62).
- SESHU, SUNDARAM, Associate Professor in the Coordinated Science Laboratory, two months from June 16, 1962, \$2,222.22; this is addition to his present appointment (3-30-62).

- SHALABI, MADELAINE T., Assistant Professor of Education (Chicago Undergraduate Division), Summer Session of 1962, June 22-August 17, 1962, \$1,500 for the period (3-15-62).
- SHIN, MRS. YONG AE, Research Associate in Chemistry, seven months from February 1, 1962, \$6,000 a year (3-21-62).
- SHOEMAKER, ROBERT W., Visiting Lecturer in History (Chicago Undergraduate Division), Summer Session of 1962, $\frac{3}{4}$ time, June 22-August 17, 1962, \$1,150 for the period (3-23-62).
- SIMONSEN, ELAINE, Assistant in Education (University High School), February 1-June 15, 1962, \$444.44 a month, supersedes (3-12-62).
- SINGH, H. DEVENDRA, Research Associate in Animal Science (S), one year from May 1, 1962, \$5,850 (3-12-62).
- SISSON, MRS. CATHERINE C., Instructor in Biological Sciences (Chicago Undergraduate Division), $\frac{3}{4}$ time, to render service during the second semester of the academic year, March 1-August 31, 1962, \$2,100, supersedes (3-15-62).
- SMITH, MRS. ANITA C., Information Director, with rank of Assistant Professor, Office of Instructional Research (Provost's Office), five months from April 1, 1962, \$8,400 a year, supersedes (3-30-62).
- SMITH, ROBERT S., Research Assistant Professor of Electrical Engineering (C), seven months from February 1, 1962, \$10,500 a year, supersedes (3-13-62).
- SMOLER, MRS. PAULINA E. DE, Clinical Assistant in Medicine (Medicine), seven months from February 1, 1962, without salary (3-15-62).
- SPRENKLE, CASE M., Assistant Professor of Economics, Summer Session of 1962, $\frac{1}{2}$ time, June 18-August 11, 1962, \$878 for the period (3-30-62).
- STEIN, HERBERT J., Instructor in Engineering (Chicago Undergraduate Division), March 1-June 30, 1962, \$3,500 (3-12-62).
- STEINRAUF, LARRY K., Research Assistant Professor of Chemistry, two months from June 16, 1962, \$767 a month; this is in addition to his present appointment (3-22-62).
- STENSTROM, MRS. PATRICIA F., Illini Union Browsing Room Librarian, with rank of Instructor, $\frac{1}{2}$ time, March 16-August 31, 1962, \$250 a month (3-13-62).
- SU, JULIA KUO-JEN, Research Assistant in Chemistry, two months from June 16, 1962, \$444.50 a month (3-22-62).
- TEMPEST, DAVID W., Research Associate in Chemistry, five months from April 1, 1962, \$487.50 a month (3-13-62).
- TUCK, SAMMIE, JR., Research Assistant in Physical Medicine and Rehabilitation (Medicine), five months from April 1, 1962, \$6,150 a year, supersedes (3-30-62).
- TUCKER, WILLIAM P., Research Associate in Chemistry, one year from June 16, 1962, \$5,850 (3-23-62).
- VAN HORN, CHARLES, Research Associate in Education (University High School), December 18, 1961-June 30, 1962, \$833.34 a month, supersedes (3-22-62).
- VOLPP, LOUIS D., Associate Director of the Graduate School of Business Administration (College of Commerce and Business Administration), two months from June 16, 1962, \$1,033.33 a month; this is in addition to his present appointment (3-12-62).
- WALDEN, JAMES D., Assistant in Education, Summer Session of 1962, June 18-July 14, 1962, \$545 for the period (3-30-62).
- WALETT, FRANCIS, Visiting Lecturer in Education, Summer Session of 1962, June 18-August 11, 1962, \$1,800 for the period (3-30-62).
- WANN, ELBERT VAN, Research Associate in Horticulture (S), June 1, 1962-August 31, 1963, \$7,500 a year (3-14-62).
- WARMBROD, JAMES R., Instructor in Agricultural Education, to render service during the second semester of the academic year, March 1-August 31, 1962, \$4,800 a year; and beginning June 18-August 11, 1962, \$1,067, additional appointment (3-23-62).
- WHEATLEY, R. C., Visiting Lecturer in Physics, Summer Session of 1962, June 18-August 11, 1962, \$1,800 for the period (3-23-62).
- WOODHALL, BRIAN J., Research Associate in Chemistry, one year from September 1, 1962, \$6,000 (3-22-62).
- YANCEY, THOMAS A., Associate Professor of Economics, Summer Session of 1962, $\frac{1}{2}$ time, June 18-August 11, 1962, \$1,067 for the period (3-30-62).
- YERANOS, WALTER, Research Assistant in Chemistry, June 16-August 15, 1962, \$889, supersedes (3-30-62).

FELLOWS

(The following appointments were made by the President of the University.)

LABINSKI, RONALD J., Edward L. Ryerson Traveling Fellow in Architecture for 1962-63.

PETERSON, LEONARD A., Twenty-Eighth Francis J. Plym Fellow in Architectural Engineering for 1962.

WALKER, DONALD, Edward L. Ryerson Traveling Fellow in City Planning and Landscape Architecture for 1962-63.

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

ABE, CAROL S., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$600 (3-13-62).

ARORA, OM P., Olin Mathieson Company Fellow in Metallurgical Engineering, three months from March 1, 1962, \$792 (3-12-62).

BLAIR, ALEXANDER M., Teaching Fellow in Geography, February 1-June 15, 1962, \$500, supersedes (2-15-62).

BOLDING, JAMES T., JR., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$600 (3-13-62).

BRAXTON, MRS. LORETTA M., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$600 (3-13-62).

BROWN, FRED A., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$1,080 (3-13-62).

BRYN, MILO F., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$600 (3-13-62).

CHRISTENSEN, JAMES, JR., Office of Vocational Rehabilitation Fellow (Trainee) in Education, February 1-June 15, 1962, \$900 (2-26-62).

CHU, EDWARD, National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$600 (3-11-62).

COOK, VIRGINIA A., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$600 (3-13-62).

DANIELS, JOHN W., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$960 (3-13-62).

DARLAND, WILLIAM W., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$1,080 (3-13-62).

DRAPER, MILTON A., United States Public Health Service Fellow (Trainee) in Physiology (University of Illinois at the Medical Center), March 26-June 30, 1962, \$637.50 (3-22-62).

DREYFUSS, MARTIN J., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$960 (3-13-62).

ERNSTING, MARY E., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$840 (3-13-62).

ESBIN, JOHN H., JR., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$840 (3-13-62).

FLOREY, FRANCIS G., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$960 (3-13-62).

FOISY, HECTOR B., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$960 (3-13-62).

FOSTER, ALAN G., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$720 (3-13-62).

GIBSON, RAYMOND D., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$1,080 (3-13-62).

GRABARKEWITZ, PAUL M., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$1,080 (3-13-62).

GRATER, HOWARD M., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$960 (3-13-62).

GUTZMER, MARVIN D., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$960 (3-13-62).

HAINES, MARTHA B., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$720 (3-13-62).

HILL, LAURA J. W., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$600 (3-13-62).

- HOBSON, JAMES G., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$600 (3-13-62).
- HOCKING, ROBERT L., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$1,080 (3-13-62).
- IRGENS, ROAR L., United States Public Health Service Fellow (Trainee) in Microbiology, five months from February 1, 1962, \$1,333.35 (2-20-62).
- KANSKY, ROBERT J., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$720 (3-13-62).
- KRAUSE, GAYLE A., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$960 (3-13-62).
- LANGSTON, BOBBY D., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$720 (3-13-62).
- MORSETH, LAWAYNE N., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$960 (3-13-62).
- NAIL, BILLY R., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$1,080 (3-13-62).
- NASH, ELMO L., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$1,080 (3-13-62).
- NIXON, JOSEPH E., United States Public Health Service Fellow (Trainee) in Animal Science, five months from February 1, 1962, \$1,042 (3-5-62).
- PRICE, SANDRA K., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$600 (3-13-62).
- PROCK, DON, National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$960 (3-13-62).
- RITTENHOUSE, EDWARD F., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$1,080 (3-13-62).
- SCHULTENOVER, BERNARD L., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$840 (3-13-62).
- SHAH, BHAGWANDAS G., United States Public Health Service Fellow (Trainee) in Animal Science, five months from February 1, 1962, \$1,042 (3-5-62).
- SNOOK, VERBAL M., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$960 (3-13-62).
- STAHLY, DONALD P., United States Public Health Service Fellow (Trainee) in Microbiology, five months from February 1, 1962, \$1,000 (2-16-62).
- STANNARD, JOHN W., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$600 (3-13-62).
- STEWART, MAJOR F., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$960 (3-13-62).
- URWILLER, STANLEY L., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$600 (3-13-62).
- VAN TASSEL, ROYAL D., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$1,080 (3-13-62).
- WALDMAN, HENRY, National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$600 (3-13-62).
- WATSON, AUDREY B., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$600 (3-13-62).
- WELKER, NEIL E., United States Public Health Service Fellow (Trainee) in Microbiology, five months from February 1, 1962, \$1,875 (3-6-62).
- WOODARD, MELVIN R., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$960 (3-13-62).
- ZWOYER, RUSSELL E., National Science Foundation Mathematics Institute Fellow in Mathematics, two months from June 16, 1962, \$1,080 (3-13-62).

RESIGNATIONS AND DECLINATIONS

- AISO, HIDEO, Research Assistant in the Digital Computer Laboratory — resignation effective February 16, 1962.
- ANDERSON, WILLIAM R., Associate Professor of Physics (Chicago Undergraduate Division), Summer Session of 1962 — declination effective June 22, 1962.
- BAUER, LUDWIG, Associate Professor of Chemistry (Pharmacy), Summer Session of 1962 — declination effective July 30, 1962.
- BLAKE, J. BERNARD, Texas Instruments Foundation Fellow in Physics — resignation effective March 16, 1962.
- BLOSTEIN, RHODA, Research Associate in Chemistry — resignation effective September 1, 1961.

- CLARK, SHIRLEY A. M., Ford Postdoctoral Fellow in the Institute for Research on Exceptional Children—resignation effective February 16, 1962.
- CONRAD, H. E., Postdoctoral Fellow Trainee in Chemistry—resignation effective March 1, 1962.
- EICHHOLZ, ALEXANDER, Research Assistant in Biological Chemistry (Medicine)—resignation effective February 1, 1962.
- FOSTER, FRED W., Professor of Geography, Summer Session of 1962—declination effective June 18, 1962.
- GABEL, JOHN B., Instructor in English, Summer Session of 1962—declination effective June 18, 1962.
- GARVER, THOMAS H., Assistant to the Director of Krannert Art Museum—resignation effective March 22, 1962.
- GERBER, HANS-JURG, Research Assistant Professor of Physics—resignation effective May 10, 1962.
- GESTERFIELD, MRS. KATHRYN J., Illini Union Browsing Room Librarian, with rank of Instructor—resignation effective March 16, 1962.
- GRIBBENS, LORRAINE E., Registered Pharmacist (Pharmacy)—resignation effective March 2, 1962.
- GURLEY, EDWARD D., Instructor in Theoretical and Applied Mechanics—resignation effective March 1, 1962.
- HANSEN, ROBERT, Instructor in Biological Chemistry (Medicine)—resignation effective February 1, 1962.
- HEINS, ARTHUR J., Assistant Professor of Finance, Summer Session of 1962—declination effective June 18, 1962.
- JOHNSON, ROBERT M., Research Assistant in the State Water Survey—resignation effective April 5, 1962.
- LANGSTON, GENEVIEVE R., Assistant in Education, Summer Session of 1962—declination effective July 16, 1962.
- LITTNER, NER, Clinical Assistant Professor of Psychiatry (Medicine)—resignation effective February 1, 1962.
- LORD, REXFORD D., JR., Research Associate in the State Natural History Survey—resignation effective March 2, 1962.
- LUX, DONALD G., Associate Professor of Education, Summer Session of 1962—declination effective June 18, 1962.
- MACDONALD, MARY, Commerce Librarian, with rank of Assistant Professor—resignation effective June 18, 1962.
- MADISON, KENNETH M., Professor of Biological Sciences (Chicago Undergraduate Division), Summer Session of 1962—declination effective June 22, 1962.
- MCGUIRE, EUGENE J., Fellow in Philosophy—resignation effective April 4, 1962.
- MYERS, BASIL R., Associate Professor of Electrical Engineering, Summer Session of 1962—declination effective June 18, 1962.
- NAG CHAUDHURI, B. D., Visiting Research Associate in Electrical Engineering—resignation effective April 1, 1962.
- NAKAZAWA, YASUO, Research Associate in Chemistry—resignation effective May 1, 1962.
- PERKINS, WILLIAM R., Assistant Professor of Electrical Engineering, Summer Session of 1962—declination effective June 18, 1962.
- PIRSIG, ROBERT M., Instructor in English (Chicago Undergraduate Division)—resignation effective April 1, 1962.
- POWELL, JOHN T., Instructor in Physical Education for Men (Sports Fitness)—declination effective June 18, 1962.
- PUSZTASZERI, STEPHEN F., Research Assistant in Civil Engineering—resignation effective February 16, 1962.
- REIFLER, DORINE, Serials Assistant in the Library—resignation effective April 1, 1962.
- SALHAB, MRS. MUNEERA, Instructor in Medical Social Work (Medicine)—resignation effective March 7, 1962.
- SCALAPINO, DOUGLAS J., Research Assistant Professor of Physics—declination effective September 1, 1962.
- SCHENDEL, HAROLD E., Research Associate in Animal Science—resignation effective April 1, 1962.
- SMITH, JAMES O., Professor of Theoretical and Applied Mechanics, Summer Session of 1962—declination effective June 18, 1962.

- SPEECE, RICHARD E., Fellow in Civil Engineering — declination effective June 16, 1962.
- STEIN, HERBERT J., Instructor in Electrical Engineering — resignation effective March 1, 1962.
- STOLPE, STANLEY G., Associate Professor of Physiology, Summer Session of 1962 — declination effective June 18, 1962.
- WALTHER, RUTH M., National Science Foundation Mathematics Institute Fellow in Mathematics — declination effective June 16, 1962.
- WANG, CHUNG-LEI, Fellow in Electrical Engineering — resignation effective February 1, 1962.
- WELKER, NEIL E., Research Assistant in Microbiology — resignation effective February 1, 1962.
- WHEATLEY, JAMES H., Instructor in English, Summer Session of 1962 — declination effective June 18, 1962.
- YOUNG, KAREN Y., Catalog Assistant in the Library — resignation effective September 1, 1962.
- YUSKEN, JOHN W., Research Associate in Radiology (Medicine) — resignation effective March 16, 1962.

LEAVES OF ABSENCE

- CRAWFORD, ROBERT B., Assistant Professor of History — leave of absence, without pay, during the first semester of 1962-63, so that he may engage in a research project under a grant-in-aid from the American Council of Learned Societies.
- CROPP, FREDERICK W., Assistant Dean of the College of Liberal Arts and Sciences and Assistant Professor of Geology — leave of absence, without pay, for the academic year 1962-63, so that he may accept the Phillips Internship in Academic Administration.
- LUX, DONALD G., Associate Professor of Industrial Education and Counselor on the University Council on Teacher Education — leave of absence, without pay, for two years from September 1, 1962, so that he may accept an assignment with Ohio State University for services on an educational mission to India.
- RATHBUN, ROWLAND, Associate Professor of Architecture (Chicago Undergraduate Division) — leave of absence on account of illness, beginning February 1, 1962, and continuing until further notice, without salary.
- REYNOLDS, S. R. M., Professor of Anatomy and Head of the Department, College of Medicine — leave of absence from University duties, on account of disability, with full pay for six months from December 15, 1961.
- SHOEMAKER, WILLIAM H., Professor of Spanish and Italian — leave of absence, with pay, because of illness, February 21 through March 21, 1962.
- STONE, VICTOR J., Professor of Law — leave of absence, without pay, from September 1, 1962, through February 28, 1963, so that he may combine it with his sabbatical leave of absence beginning March 1 and continuing through August 31, 1963.
- STREET, NORMAN, Professor of Mining Engineering, College of Engineering — leave of absence, without pay, February 1 through February 28, 1962.
- STURMTHAL, ADOLF F., Professor of Labor and Industrial Relations — leave of absence, without pay, for one year from September 1, 1962, so that he may serve as a Visiting Professor at Yale.

REPORTS ON CONFERENCE OF HIGHER EDUCATION AND ON MEETING OF ASSOCIATION OF GOVERNING BOARDS

Mrs. Frances B. Watkins presented reports on:

The annual national Conference on Higher Education, Chicago, Illinois, March 4-7, 1962, which she attended as a representative of the Board of Trustees of the University of Illinois and of the Association of Governing Boards of State Universities and Allied Institutions of which she is a Regional Director; and The annual spring meeting of the Association of Governing Boards of State Universities and Allied Institutions, in San Francisco, California, March 19-21, 1962, which she attended as a representative of the Board of Trustees of the University of Illinois.

Copies of her reports have been filed with the Secretary for record.

MAY AND JUNE MEETINGS

The President of the Board called attention to the next two meetings to be held on May 24, 1962, and June 20, 1962, both at Urbana.

EXECUTIVE SESSION

President Clement announced that an Executive Session was requested for consideration of property acquisition and was being so ordered to be held after recess for luncheon.

On motion of Mrs. Watkins, the Board recessed.

When the Board reconvened in Executive Session, the same members, officers of the Board, and officers of the University as recorded at the beginning of these minutes were present. The Board took up consideration of the following items of business presented by the President of the University.

**PURCHASE OF PROPERTIES AT 905-905½
AND 907 SOUTH FIFTH STREET, CHAMPAIGN**

(1) The Director of the Physical Plant and the Vice-President and Comptroller recommend purchase of the following properties at the prices indicated:

905-905½ South Fifth Street, Champaign.....	\$31 000
This property is a lot with 61 feet frontage, a depth of 70.5 feet, with a seventeen-room, two and one-half story and basement, duplex frame residence.	
907 South Fifth Street, Champaign.....	27 000
The property is a lot with 57 feet frontage, a depth of 140 feet, with a two-story, frame residence.	

Both residences are presently being used as student rooming houses.

The properties are adjoining and the land is needed for the construction of a residence hall for single graduate students. The prices are within the range of appraisals and negotiations for the purchase of the properties were authorized by the Committee on Buildings and Grounds. Possession will be given the University no later than July 1, 1962, and taxes will be prorated.

Funds are available in the state capital appropriations to the University for 1961-63 for land acquisitions from the Universities Building Fund and have been released.

I concur.

On motion of Mr. Swain, the purchase of these properties, at the prices indicated, was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

LEASE WITH LA SALLE HOTEL FOR ILLINI CENTER

(2) Some remodeling is needed in the Illini Center for more efficient use of space and to provide additional office quarters. Remodeling proposed will include central airconditioning of the general public area and the new offices; present offices are airconditioned by window units.

An additional office can be provided by partitioning the present conference room with access to adjacent offices for use by representatives of the University and the University of Illinois Foundation. The remodeling will also provide additional storage space in the area near the elevators.

Estimated cost is approximately \$14,000. The LaSalle Hotel has offered to do the work according to University requirements, but requests an increase in rent from the present \$650 to \$900 a month, which would be a unit rate of approximately \$4.00 a square foot, a reasonable rate for this type of space in Chicago.

The Vice-President and Comptroller recommends authorization of a new lease for the remodeled area at a monthly rental of \$900, to become effective upon completion of the work.

I concur.

On motion of Mr. Williamson, a new lease, on the terms indicated, was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Kerner.

Consideration of this matter was in Executive Session at the request of the lessor on the grounds that this is in the category of a property acquisition.

On motion of Mr. Swain, the Board adjourned.

A. J. JANATA
Secretary

HOWARD W. CLEMENT
President

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

May 24, 1962



The May meeting of the Board of Trustees of the University of Illinois was held in the Illini Union, Urbana, Illinois, on Thursday, May 24, 1962, beginning at 10:30 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Richard A. Harewood, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Earl M. Hughes, Mr. Wayne A. Johnston, and Governor Otto Kerner were absent.

Also present were President David D. Henry, Executive Vice-President and Provost Lyle H. Lanier, Dr. Joseph S. Begando, Vice-President, University of Illinois at the Medical Center, Chicago, Professor Norman A. Parker, Vice-President, Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant, Mr. James J. Costello, Legal Counsel, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. Earl W. Porter, Assistant to the President for Reports and Special Projects, Mr. Vernon L. Kretschmer, Director of Auxiliary Services; and officers of the Board, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

MINUTES APPROVED

The Secretary presented for approval the minutes of the meeting of November 28, 1961, press proof copies of which had previously been sent to all of the Trustees.

On motion of Mr. Swain, these minutes were approved as printed on pages 1183 to 1214, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT ON SELECTED TOPICS

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting and a copy was filed with the Secretary of the Board.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
KENNETH FLOYD ANDERSON	Gary, Indiana	Indiana
JAMES LENDON BUCKNER	Steeleville, Illinois	Louisiana
THOMAS JAMES HAYES	Northbrook, Illinois	Missouri
JAMES DENNIS McMENAMIN	Philadelphia, Pennsylvania	Pennsylvania
RAYMOND WOODROW THOMPSON	Prairie Village, Kansas	Kansas
WILLIAM YOUNG	Chicago, Illinois	Michigan

I concur.

On motion of Mr. Swain, these certificates were awarded.

DIRECTOR OF INTERNATIONAL PROGRAMS

(2) The interests and responsibilities of the University in the international aspects of higher education have expanded steadily during the past decade—partly in response to the nation's growing concern with world affairs. These expanded activities have included: new courses and programs, at both undergraduate and graduate levels; increased research on the social, economic, and political institutions of underdeveloped countries; marked growth in the enrollment of foreign students and a great increase in the number of foreign visitors; participation in special overseas projects designed to improve the institutions of higher education in other countries.

These diverse operations have developed with a considerable degree of mutual independence, in accordance with the special interests of various individuals, departments, and colleges. Except for a Committee on Overseas Projects—organized to exercise general supervision over the several programs sponsored by the International Cooperation Administration—there has been no central administrative organization concerned with international programs. The latter have now grown to such proportions, however, that a central administrative assignment is needed to maintain effective coordination among them and to provide cohesive direction to future developments. To meet these growing needs, I recommend authorization of appointments on the staff of the Executive Vice-President and Provost of such personnel as may be necessary; for the present, it is proposed that these include a Director of International Programs and an Assistant Director; and that Associate Provost and Dean of Administration Royden Dangerfield be given the additional

title of Director of International Programs and assigned the administrative responsibility for the same.

On motion of Mr. Williamson, these recommendations were approved.

APPOINTMENTS TO THE FACULTY

(3) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. HELMY H. BALIGH, Assistant Professor in the Graduate School of Business Administration, College of Commerce and Business Administration, beginning September 1, 1962, at an annual salary of \$8,000 (B).
2. GEORGE R. BLAKLEY, Assistant Professor of Mathematics, beginning September 1, 1962, at an annual salary of \$7,800 (B).
3. DARWIN J. CASLER, Assistant Professor of Accountancy, beginning September 1, 1962, at an annual salary of \$8,000 (B).
4. SANFORD COHEN, Visiting Professor in the Institute of Labor and Industrial Relations, for eleven months from September 1, 1962, at a salary of \$13,000 (G).
5. HENDRIK DE WAARD, Visiting Professor of Physics, for one year from September 1, 1962, on 7/10 time, at a salary of \$9,000 (DY70).
6. ROBERT H. EWALT, Assistant Dean of Men, beginning September 1, 1962, at an annual salary of \$6,400 (DY).
7. KENNETH U. FLOOD, Associate Professor in the Graduate School of Business Administration and Acting Head of the Department of Business Law, College of Commerce and Business Administration, beginning September 1, 1962, at an annual salary of \$12,000 (B).
8. MERLIN H. FORSTER, Assistant Professor of Spanish, beginning September 1, 1962, at an annual salary of \$7,500 (B).
9. LOUIS O. FOSTER, Visiting Professor in the Graduate School of Business Administration, College of Commerce and Business Administration, for the academic year 1962-63, at a salary of \$12,000 (E).
10. GUY G. GARRISON, Research Associate Professor and Director of Library Research Center, in the Graduate School of Library Science, beginning June 16, 1962, at an annual salary of \$10,000 (FY).
11. CHARLES W. GEAR, Research Assistant Professor of Applied Mathematics, in the Digital Computer Laboratory, for two and one-half months from July 1, 1962, at a salary of \$2,222 (G), and for the academic year 1962-63, at an annual salary of \$8,000 (B).
12. JOEL F. HANDLER, Assistant Professor of Law, beginning September 1, 1962, at an annual salary of \$11,500 (B).
13. BUD G. HARMON, Assistant Professor of Animal Science, beginning June 15, 1962, at an annual salary of \$8,200 (BY).
14. STEPHEN P. HENCLEY, Associate Professor of Education, beginning September 1, 1962, at an annual salary of \$9,600 (A).
15. ROBERT A. HENDERSON, Associate Professor of Education, on one-half time, and in the Institute for Research on Exceptional Children, on one-half time, beginning September 1, 1962, at an annual salary of \$9,500 (A).
16. FRANK E. HOSTETTLER, Associate Director of the Physical Plant, Medical Center, Chicago, beginning April 1, 1962, at an annual salary of \$16,000 (DY).
17. THOMAS L. JOHNSTON, Visiting Professor in the Institute of Labor and Industrial Relations, for the academic year 1962-63, at a salary of \$12,500 (E).
18. JOHN L. LOTH, Assistant Professor of Aeronautical and Astronautical Engineering, beginning September 1, 1962, at an annual salary of \$8,200 (D).
19. ROYAL B. MACDONALD, Assistant Professor of Music, beginning September 1, 1962, at an annual salary of \$7,500 (D).
20. RUSSELL L. MORAN, Assistant Professor of Economics, beginning September 1, 1962, at an annual salary of \$8,000 (D).
21. STUART S. NAGEL, Assistant Professor of Political Science, beginning September 1, 1962, at an annual salary of \$7,500 (B).
22. GERHARD NELLHOUS, Assistant Professor of Pediatrics and of Neurology, beginning July 1, 1962, on 9/10 time, at an annual salary of \$14,000 (DY90).

23. HARRY W. PEARCE, Associate Director of the Physical Plant, Chicago Undergraduate Division, beginning April 1, 1962, at an annual salary of \$17,000 (DY).
24. JOHN A. RATCLIFFE, George A. Miller Visiting Professor of Electrical Engineering and of Astronomy, for the period May 7 to 25, 1962, at a salary of \$3,000 (G).
25. CHARLES H. SHAIJOVA, Clinical Assistant Professor of Psychiatry, beginning March 19, 1962, without salary (DY).
26. CHARLES L. WRENN, George A. Miller Visiting Professor of English, for the first semester of 1962-63, at a salary of \$9,000 (D).

On motion of Mr. Dilliard, these appointments were confirmed.

HONORARY DEGREES

(4) The Urbana-Champaign Senate recommends that honorary degrees be conferred upon:

ALBERT JAMES HARNO, Doctor of Laws. A member of the faculty of the University of Illinois since 1921, Dean of the College of Law from 1922 to 1957, and now Professor of Law and Dean Emeritus, and Administrator of Courts of the State of Illinois.

JAMES BARRETT RESTON, Doctor of Laws. Distinguished journalist, Pulitzer Prize winner, Chief of the Washington Bureau of *The New York Times*.

WILLIAM CUMMING ROSE, Doctor of Science. Distinguished biochemist, a member of the faculty of the University of Illinois since 1921, and now Research Professor of Biochemistry, Emeritus.

I am pleased to concur in the recommendations of the Senate. It is proposed to confer the degrees at the Commencement Exercises at Urbana-Champaign on June 16, 1962, or at some other appropriate academic occasion in case any one of the candidates is unable to attend the June Commencement exercises.

Submitted herewith are the recommendations made to the Senate in support of the nominations of these candidates, and copies are being filed with the Secretary of the Board for record.

On motion of Mr. Pogue, these degrees were authorized as recommended.

NAMING OF RESIDENCE HALLS

(5) Upon recommendation of the Director of Auxiliary Services, the Housing Division, and the Dean of Students, and after consultation with the Executive Committee of the University Council, I recommend the following names for the new Pennsylvania Avenue Residence Halls, now under construction.

Babcock Hall. Named in honor of Kendric Charles Babcock (1867-1932) who was Dean of the College of Liberal Arts and Sciences from 1913 to 1931 and Provost of the University from 1925 to 1931. Prior to coming to the University of Illinois, he was Specialist in Higher Education in the United States Office of Education. He bequeathed to the University an endowment of \$50,000 for support of fellowships, research, and publications in the general fields of history and political science.

Carr Hall. Named in honor of Robert Franklin Carr (1871-1945), an alumnus of the University of Illinois, Class of 1893. At the time of his death, Mr. Carr was Chairman of the Board of the Dearborn Chemical Company, Chicago. He was a member of the Board of Trustees from 1915 to 1921, and served as President of the Board for one year. He also served as President of the University of Illinois Alumni Association and the University of Illinois Foundation. He was Chairman of the Memorial Stadium Committee which directed the fund raising campaign for the Stadium and arranged to finance its construction. He was also the largest individual contributor to the Stadium Fund.

Blaisdell Hall. Named in honor of Daisy Luana Blaisdell (1866-1952) who was a member of the faculty of the Department of German from 1900 to 1920 and from 1926 until 1931. During the years 1920 to 1926 she served as Social Director of the first of the University's residence halls for women, now Busey Hall. She then returned to teaching in the Department of German until she retired in 1931.

Saunders Hall. Named in honor of Alta Gwinn Saunders (1886-1948), an alumna

of the University of Illinois, Class of 1907, and a member of the faculty of the University from 1917 until her untimely death in an airplane disaster in 1948. In 1938, she became a full professor and Chairman of the Division of Business English, in which field she was one of the pioneer teachers and achieved a national reputation. She served on numerous faculty committees whose services were directly related to student life and welfare. She also was one of the Vice-Presidents and a Director of the University of Illinois Alumni Association for a number of years.

The Committee on Buildings and Grounds has also been consulted and supports this recommendation.

On motion of Mr. Pogue, this recommendation was approved.

DEGREE OF MASTER OF EXTENSION EDUCATION

(6) The Urbana-Champaign Senate recommends authorization of a graduate program designed to meet the professional needs of men and women in the Cooperative Extension Service or related fields of education, leading to the degree of Master of Extension Education. The program was developed by the College of Agriculture and has the approval of the Graduate College and the College of Education.

The Senate Coordinating Council indicates no other Senate jurisdiction is involved.

I concur, subject to further action by the Board of Higher Education of Illinois. Submitted herewith are a supporting memorandum giving the details of this program, and a formal outline of the proposal which I recommend be approved for submission to the Board of Higher Education. Copies of both documents are being filed with the Secretary of the Board for record.

On motion of Mr. Wilkins, this recommendation was approved.

REVISIONS IN THE CURRICULUM PREPARATORY TO THE TEACHING OF BIOLOGY

(7) The Urbana-Champaign Senate has recommended certain revisions in the curriculum leading to the degree of Bachelor of Science in the Teaching of the Biological Sciences and General Science, effective for students enrolling in the curriculum in September, 1962, and thereafter. The revisions include a recommendation that the minimum number of hours required for graduation be 120 hours, not counting the first two years of work in military science and physical education, instead of 123 hours presently required. The changes also include new courses and rearrangement of certain present courses. A complete outline of the revised curriculum showing the changes in the present program is submitted herewith, and a copy is being filed with the Secretary of the Board for record.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I recommend approval.

On joint motion of Mr. Williamson and Mr. Wilkins, this recommendation was approved.

REVISIONS IN GENERAL ENGINEERING CURRICULUM

(8) The Urbana-Champaign Senate recommends that the present requirement of twelve semester hours of social science-humanities electives in the curriculum in general engineering, be increased to eighteen hours, the change to become effective the first semester of the 1962-63 academic year. The additional six hours required will be provided for in the curriculum as follows:

Second Semester, Sophomore Year: Drop Civil Engineering 200, General Surveying, or Mechanical Engineering 182, Manufacturing Processes, 3 hours; and add social science-humanities elective, 3 hours.

Second Semester Senior Year: Drop engineering science elective, 3 hours, and add social science-humanities elective, 3 hours.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I recommend approval.

On motion of Mrs. Watkins, this recommendation was approved.

DEPARTMENT OF AERONAUTICAL AND ASTRONAUTICAL ENGINEERING

(9) On recommendation of the College of Engineering, the name of the Department of Aeronautical Engineering has been changed to Department of Aeronautical and Astronautical Engineering to identify more accurately its educational and research programs.

On recommendation of the Executive Committee of the College of Engineering and the Executive Committee of the Graduate College, and with the concurrence of the Urbana-Champaign Senate, the designation of the degrees of Bachelor of Science, Master of Science, and Doctor of Philosophy offered by the Department have also been changed to reflect the change in name of the Department.

These changes are being reported for record.

On motion of Mr. Harewood, these actions were confirmed.

CHANGES IN MAJORS AND MINORS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES

(10) The Urbana-Champaign Senate has approved for submission to the Board of Trustees a recommendation from the College of Liberal Arts and Sciences and the Council on Teacher Education for changes in majors and minors in the College of Liberal Arts and Sciences in botany, Latin-American studies, honors program in mathematics, music, rhetoric, speech and theatre, and physiology.

A supporting memorandum giving the details of these changes, most of which are minor revisions, is submitted herewith and a copy is being filed with the Secretary of the Board for record.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

These changes are effective for students enrolling in September, 1962, and thereafter. Although Board approval is not required, they are nevertheless being reported for official record.

On motion of Mrs. Watkins, the actions taken were confirmed.

CHANGES IN LIBERAL ARTS AND SCIENCES CURRICULA

(11) The Urbana-Champaign Senate has approved a recommendation from the College of Liberal Arts and Sciences that a six-hour sequence in one foreign literature at the junior or senior level—but not language courses—be accepted as satisfying the general education requirement in the humanities curriculum.

The Urbana-Champaign Senate also has approved a recommendation from the College of Liberal Arts and Sciences that the name of the general curriculum in the College be changed to the sciences and letters curriculum beginning with the academic year 1963-64. This new name is a more accurate description of the nature of the curriculum and should minimize the confusion which exists in the mind of a new student who has difficulty distinguishing between the general curriculum and the Division of General Studies.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved in the above matters. Formal action by the Board is not required, but these changes are being reported for official record.

On motion of Mr. Williamson, these actions were confirmed.

CURRICULUM PREPARATORY TO THE TEACHING OF MATHEMATICS AND PHYSICAL SCIENCES

(12) On recommendation of the Urbana-Champaign Senate, the curriculum preparatory to the teaching of mathematics and physical sciences in the College of Liberal Arts and Sciences has been discontinued due to the lack of student interest in this curriculum.

This action is being reported for record.

This report was received for record.

SUMMER SPEECH CLINICS

(13) The Director of the Division of Services for Crippled Children and the Vice-President of the Medical Center Campus recommend, and I concur, that the Division be authorized to continue speech clinics during the summer of 1962 at

the following institutions of higher education in Illinois on a reimbursable cost basis:

	<i>Estimated Cost</i>
Augustana College, Rock Island.....	\$ 9 522 00
Northern Illinois University, DeKalb.....	11 747 75
Southern Illinois University, Carbondale.....	9 315 00
Illinois State Normal University, Normal.....	12 285 00
	<u>\$42 869 75</u>

A similar clinic at the University of Illinois at Urbana.....\$12 626 00

Funds are available in the budget of the Division of Services for Crippled Children.

On motion of Mr. Harewood, authority was given as requested.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(14) The Committee on Nonrecurring Appropriations recommends the following appropriations and assignments of funds from the University General Reserve:

Urbana-Champaign

1. College of Agriculture	
Dixon Springs Experiment Station, truck.....	\$ 5 308
Horticulture, Field Laboratory growth chamber.....	24 790
Horticulture, Pell Farm improvements and plantings.....	30 075
2. College of Education	
University High School, equipment.....	6 956
Education Administration, equipment.....	3 100
Educational Testing, microfilming records.....	3 717
3. College of Engineering	
Physics, equipment (National Science Foundation grant matching funds).....	25 000
Civil Engineering, equipment.....	83 400
4. College of Fine and Applied Arts	
Art, equipment.....	6 798
Architecture, equipment.....	1 650
5. College of Physical Education, equipment.....	19 049
6. McKinley Hospital, nurse call system.....	16 000
7. Stenographic Service, duplicating equipment.....	3 400
8. Physical Plant	
Remodeling present Physics Building.....	4 060
Rehabilitation of three rooms on second floor of Botany Annex.....	5 408
Tennis courts improvements (backboards and resurfacing).....	13 870
Remodeling in Chemistry Annex.....	50 000
Coat hooks.....	10 000
Classroom furniture.....	4 200
Renovation and redecoration of front wall of Law Building auditorium.....	11 000
Hitting wall for Gregory Drive recreation area.....	5 900
9. College of Liberal Arts and Sciences	
Chemistry equipment (National Science Foundation grant matching funds).....	25 000

Medical Center

10. Research and Educational Hospitals, equipment.....	70 000
11. Library, books.....	11 000
12. Physical Plant, remodeling in manufacturing pharmacy area.....	3 350

Chicago Undergraduate Division

13. Engineering	
Electrical Engineering, laboratory equipment.....	32 500
Physics, equipment.....	10 000
14. Physical Plant	
Remodeling office of Public Information and front office.....	5 300
Remodeling for instructional use (includes conversion of a laboratory into two classrooms, additional electric circuits, and minor remodeling to accommodate new equipment).....	6 950

The Executive Vice-President and Provost recommends the following appropriations to supplement existing expense and equipment budgets:

Dean of Students, for publications and new student orientation.....	10 550
<i>Grand Total</i>	<u>\$508 331</u>

I concur.

On motion of Mr. Williamson, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Johnston, Mr. Kerner.

REQUEST OF MR. SWAIN

At this point, Mr. Swain asked to be excused from the meeting temporarily; and he also requested leave to be recorded as voting "Aye" on all recommendations which come up for consideration during his absence, stating that he had studied them and has no questions about or dissent from any of the items.

There being no objections, leave was granted.

CONTRACTS FOR CAPITAL IMPROVEMENTS AT THE MEDICAL CENTER CAMPUS

The following four recommendations relating to capital improvements at the Medical Center were presented and considered separately: contracts for remodeling in First Unit of Dentistry-Medicine-Pharmacy Building, contract for protective screens in Research and Educational Hospitals, contract for new power supply at the Medical Center Campus, and contract for engine-driven generators, switchgear, and associated equipment.

On motion of Mr. Wilkins, the Board voted that, following consideration of each item, official action on these contracts would be taken by one roll call vote of record.

CONTRACTS FOR REMODELING IN FIRST UNIT OF DENTISTRY-MEDICINE-PHARMACY BUILDING

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for the remodeling of two rooms in the first unit of the Dentistry-Medicine-Pharmacy Building, the award in each case being to the lowest bidder:

General—Hubschman Construction Company, Chicago.....	\$ 6 337
Laboratory equipment—Kewaunee Manufacturing Company, Evanston..	12 112
<i>Total</i>	<u>\$18 449</u>

The work will consist of rehabilitation of biochemistry laboratories in Rooms 328 and 334, and is a part of the 1961-63 building program at the Medical Center.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released by the Governor.

I concur.

CONTRACT FOR PROTECTIVE SCREENS IN RESEARCH AND EDUCATIONAL HOSPITALS

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$7,074 to the Chamberlin Detention Screens, Inc., Byram, Connecticut, the lowest bidder, for installation of twenty-six protective screens in the Research and Educational Hospitals Addition.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released by the Governor.

I concur.

**CONTRACT FOR NEW POWER SUPPLY AT
THE MEDICAL CENTER CAMPUS**

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$94,433 to the Fries-Walters Company, Chicago, Illinois, the lowest bidder, for new power supplies at the Medical Center campus for the Illinois Surgical Institute, Hospital Residence, Old Power Plant, Institute for Juvenile Research, and the completion of the electrical distribution system in the first unit of the Dentistry-Medicine-Pharmacy Building.

This work is a phase of the 1961-63 project of changing the electrical supply at the Medical Center campus from an obsolete and overloaded 4,000-volt system to a new and more reliable 12,000-volt system and includes new duct work, cabling, and switchgear for the buildings listed above.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released by the Governor.

I concur.

**CONTRACT FOR ENGINE-DRIVEN GENERATORS, SWITCHGEAR, AND
ASSOCIATED EQUIPMENT AT THE MEDICAL CENTER CAMPUS**

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$34,237 to the Waukesha Motor Company, Waukesha, Wisconsin, the lowest bidder, for the purchase of an engine-driven generator set, switchgear, and associated equipment for the new emergency electrical system for the Research and Educational Hospitals.

The work will consist of furnishing to the site the equipment necessary for the proposed emergency electrical system, with installation to be by others under separate contracts.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released by the Governor.

I concur.

On motion of Mrs. Watkins, the contracts presented in Items 15 to 18, inclusive, were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Johnston, Mr. Kerner.

**AGREEMENT WITH COMMONWEALTH EDISON COMPANY FOR
ELECTRICAL SERVICE TO MEDICAL SCIENCES ADDITION**

(19) Installation of underground and vault equipment and cables will be necessary to supply electrical service to the Medical Sciences Addition, construction of which will be started in the near future.

The Director of the Physical Plant and the Vice-President and Comptroller recommend an agreement with Commonwealth Edison Company, Chicago, for this installation under the "Multiple Service and Combined Billing" plan previously approved by the Board of Trustees for similar installations at the Medical Center. This plan gives the University the advantage of lower rates. Certain items of underground and vault equipment required for the extension of electrical service to the Medical Sciences Addition must be supplied by Commonwealth Edison Company, at a cost to the University of \$3,335 which will be recovered in approximately three years through lower rates for power service available under the "Multiple Service and Billing Plan."

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund.

I concur.

On motion of Mrs. Watkins, this agreement was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Johnston, Mr. Kerner.

**CONTRACTS FOR EQUIPMENT AND HEATING PLANT
AT CONGRESS CIRCLE CAMPUS**

The following four recommendations for contracts for equipment for the heating plant at Congress Circle were presented and considered separately: contract for high-temperature water boilers, hot water pumps, and erection; contract for refrigeration equipment; contract for condenser water and chilled water circulating pumps; and contract for cooling tower.

On motion of Mr. Wilkins, the Board voted that, following consideration of each item, official action on these contracts would be taken by one roll call vote of record.

**CONTRACT FOR HIGH-TEMPERATURE WATER BOILERS, HOT WATER
PUMPS, AND ERECTION AT CONGRESS CIRCLE CAMPUS**

(20) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$235,597 to the International Boiler Works Company, Box 208, East Stroudsburg, Pennsylvania, the lowest bidder, for furnishing and installing two high-temperature water heating boilers and two high-temperature hot water pumps for the heating plant at Congress Circle.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund, subject to release by the Governor. The University has reserved the right to terminate this contract prior to September 15, 1962, for any reason by giving to the contractor written notice of such termination.

I concur.

**CONTRACT FOR REFRIGERATION EQUIPMENT
AT CONGRESS CIRCLE CAMPUS**

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$185,859 to the T. F. Hanley Corporation, 1503 South Michigan Avenue, Chicago, the lowest bidder, for furnishing, delivering, and erecting the refrigeration equipment to be installed in the heating plant at Congress Circle.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund, subject to release by the Governor. The University has reserved the right to terminate this contract prior to September 15, 1962, for any reason by giving to the contractor written notice of such termination.

I concur.

**CONTRACT FOR CONDENSER WATER AND CHILLED WATER
CIRCULATING PUMPS AT CONGRESS CIRCLE CAMPUS**

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$20,493 to Allis-Chalmers Manufacturing Company, 135 South LaSalle Street, Chicago, the lowest bidder, for furnishing and delivering condenser water and chilled water circulating pumps to be installed in the heating plant at Congress Circle.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund, subject to release by the Governor. The University has reserved the right to terminate this contract prior to September 15, 1962, for any reason by giving to the contractor written notice of such termination.

I concur.

CONTRACT FOR COOLING TOWER AT CONGRESS CIRCLE CAMPUS

(23) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$39,230 to Fluor Products Company, Oak Park, the lowest bidder, for furnishing, delivering, and erecting the cooling tower to be installed in the heating plant at Congress Circle.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund, subject to release by the Governor. The University has reserved the right to terminate this contract prior to September

ber 15, 1962, for any reason by giving the contractor written notice of such termination.

I concur.

On motion of Mr. Pogue, the contracts presented in Items 20 to 23, inclusive, were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Johnston, Mr. Kerner.

On motion of Mr. Pogue, the Executive Committee of the Board was authorized to act for the Board in any negotiations with the contractors which may be required in exercising the University's right to terminate the contracts or to extend the period within which they may be terminated.

CONTRACTS FOR ADDITION TO ABBOTT POWER PLANT AND UTILITIES DISTRIBUTION SYSTEM

(24) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for the construction of an addition to the Abbott Power Plant, and for underground piping for steam service to the Physical Plant Service Building and to Jonathan Baldwin Turner Hall (Plant Sciences Building), the award in each case being to the lowest bidder:

Power Plant Addition (Boiler No. 7 addition)

General — Darin and Armstrong, Inc., Chicago.....	\$179 485
Plumbing — William Adams Engineers, Inc., Chicago.....	4 950
Underground piping for steam service to the Physical Plant Service Building and Plant Sciences Building — Robert Gordon, Inc., Chicago	125 015
Base Bid	\$122 207
Additive Alternate for miscellaneous changes in existing installations	2 808

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Williamson, these contracts were awarded as recommended by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Johnston, Mr. Kerner.

ADDITIONS TO CONTRACTS FOR CONSTRUCTION OF THE ADDITION TO THE ILLINI UNION AND ASSEMBLY HALL

(25) The Director of the Physical Plant and the Vice-President and Comptroller recommend the following increases in the contract with Felmley-Dickerson Company, Inc., for the buildings designated.

Addition to the Illini Union

To provide for changes in the original hardware specified for safety purposes and changes to improve operation and appearance in other hardware throughout the building.....	\$ 5 850 46
To revise the walk and drive construction between Altgeld Hall and the Illini Union Building and to widen walks south of the Illini Union Building Addition in order to facilitate better pedestrian circulation	6 114 38

Assembly Hall

To replace the permanent maplewood floor with a permanent hard surface floor, to increase the length of the activity floor, to improve the access between the activity floor and the service area, and to expand facilities for water and electricity in the arena area.....	10 576 30
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Funds are available in the proceeds of the sale of revenue bonds for the Addition to the Illini Union Building and the Assembly Hall.

I concur.

On motion of Mrs. Watkins, these changes in contracts were authorized.

ADDITION TO CONTRACT FOR ARCHITECTURAL AND ENGINEERING SERVICES FOR THE ELECTRICAL ENGINEERING BUILDING

(26) The Director of the Physical Plant and the Vice-President and Comptroller recommend an addition to the contract with Graham, Anderson, Probst, and White for additional architectural and engineering design services for a pent-house laboratory to be constructed on the Electrical Engineering Building.

Since completion of plans and specifications for the addition to the building, a grant has been received from the National Science Foundation, to be matched from state capital appropriations, for the construction of a laboratory for research in antennas and electromagnetic theory. The estimated cost is approximately \$220,000 of which \$110,000 will be financed from state capital appropriations and the balance from the National Science Foundation.

I concur.

On motion of Mr. Dilliard, this change in contract was authorized.

EMPLOYMENT OF ARCHITECTS AND ENGINEERS

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of employment of architects and engineers for the following assignments and on the terms indicated:

Widening and Realignment of Burrill Avenue Bridge — Clark, Daily, Dietz, and Associates, Consulting Engineers, Urbana, Illinois, for field surveys, preliminary drawings, detailed estimates of costs, and complete engineering services for all construction and general supervision of construction for the widening and realignment of the Burrill Avenue Bridge. Payments for these services will be on the basis of the schedule of minimum fees adopted by the Illinois Society of Professional Engineers, exclusive of the services of a resident engineer for field inspection and the cost of soil boring if required. The total estimated cost of engineering services, excluding the services of a resident engineer and inspectors for field inspection, is approximately \$4,000.

East Chemistry Building Addition — Holabird and Root, Chicago, on the basis of a fee of 6 per cent of the total costs of construction contracts, including fixed equipment on new work and 8 per cent for alterations and revisions in the existing building. The firm's professional services are to include preliminary studies, working drawings and specifications, preparation of contract documents, and supervision of construction.

These firms have been recommended for the specific assignments by the Advisory Committee on Selection of Architects and Engineers. The Committee on Buildings and Grounds has also been consulted and has recommended approval.

I concur in these recommendations.

On motion of Mr. Pogue, these recommendations were approved.

SPECIAL COUNSEL FOR CONGRESS CIRCLE CAMPUS LITIGATION

(28) On April 20, 1962, a suit was filed in the Federal District Court for the Northern District of Illinois, case No. 62 C 861, against the University, the Chicago Land Clearance Commission, the Federal Housing and Home Finance Agency and its Administrator, and the city of Chicago and certain of its agencies, seeking an injunction against the redevelopment of the Congress Circle site as a campus for the University. The Legal Counsel states that it was necessary to employ special counsel to assist his office in resisting the suit for injunction and to preserve the University's rights in the matter. He requests confirmation and ratification by the Board of the employment of Mr. Albert E. Jenner, Jr. and Mr. Keith F. Bode of the firm of Thompson, Raymond, Mayer, and Jenner, Chicago, as special counsel to represent the University in connection with said

suit, and authority to proceed with the litigation and employ such other special counsel as he may deem appropriate.

I concur.

On motion of Mr. Williamson, this recommendation was approved.

Mr. Harewood asked to be recorded as voting "no"; Mr. Dilliard asked to be recorded as "not voting."

BEQUEST OF LIZZIE GILMAN

(29) Mrs. Lizzie Gilman of Dana, Illinois, who died November 13, 1959, left to her daughter, Bertha Ann Gilman Cullen, a life interest in all her real estate outside the corporate limits of the village of Dana. Upon the death of her daughter, the public administrator is to sell all this property and distribute it as provided in her will as follows:

"When said real estate has been fully liquidated the proceeds of said sales shall be added to such amounts as shall have been received as rentals from the real estate and said sum shall be divided into three equal parts and distributed as follows:

"A one-third part shall be paid unto the Illinois Division, American Cancer Society, Inc., whose offices are now located at 132 North Clark Street, Chicago, Illinois;

"A one-third part shall be paid unto the School of Medicine of the University of Illinois, which said sum shall be paid over unto said School of Medicine to establish a fund for the purpose of study and research in the field of Mental Illness.

"A one-third part shall be paid unto the School of Medicine of Northwestern University located at Chicago, Illinois, which said sum shall be paid over unto said School of Medicine for the purpose of establishing a fund for the study and research in the field of Mental Illness.

"I further provide that if for any reason that should any of the above funds which is hereby directed to be distributed shall be refused, or for some other reason fail and can not be carried out then I provide that such funds shall be distributed among such of the other funds named hereunder in equal parts."

However, the personal property was insufficient to pay all the debts and taxes upon the estate, and the executor applied to the courts for and received permission to sell one tract of the real estate to pay these obligations which was done in 1961. The Northern Illinois Gas Company now desires to purchase two of the eight remaining properties, and, conditioned upon approval of the Illinois Commerce Commission which is believed will be readily obtained, has offered \$400 an acre, or the total of \$135,884 for the remainder interest, one-third of which, or \$45,294.67, would be paid to the University of Illinois, upon completion of the sale.

The Vice-President and Comptroller recommends that the offer of Northern Illinois Gas Company be accepted by the University. The price offered exceeds the estimated value of the land as appraised by the College of Agriculture, after giving consideration to the value of the life estate. The American Cancer Society and Northwestern University have already approved the sale at the price indicated.

The Vice-President for the Medical Center and the Dean of the College of Medicine recommend that the University's share of the proceeds be set up as an endowment fund, with the income to be used for the purpose specified in the will.

I concur in these recommendations; the following resolution is offered for adoption.

On motion of Mr. Williamson, these recommendations were approved.

Resolution

Be It, and It Is Hereby, Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized, for and on behalf of, and in the name of, this public corporation to prepare, execute, and deliver to Northern Illinois Gas Company a quitclaim deed conveying all right, title, and interest of this public corporation in and to the following described property, to wit:

TRACT IV. The West Half (W ½) of the North West Quarter (NW ¼) and the North West Quarter (NW ¼) of the South West Quarter (SW ¼) all in Section Thirty Four (34) in Township Thirty (30) North Range 3 East of the Third Principal Meridian in the County of Livingston and State of Illinois, containing 120 acres, more or less.

TRACT VII. Lots 5, 6, and 7 of the Subdivision of the South East Quarter (SE ¼) and the East Half (E ½) of the South West Quarter (SW ¼) of Section Twenty Nine (29) in Township Thirty (30) North Range 3 East of the Third Principal Meridian in the County of Livingston and State of Illinois, subject to the right of way of the Atcheson, Topeka & Santa Fe Railroad Co. as the same extends across said premises; also, the West Half (W ½) of the South West Quarter (SW ¼) of Section Twenty Nine (29) and the South East Quarter of the South East Quarter of Section Thirty (30) Except the right of way of the Chicago, Santa Fe & California Railway, together with the right of ingress and egress, and containing 219.61 acres of land, more or less;

upon payment by Northern Illinois Gas Company of consideration of \$400 per acre for said property, or a total of \$135,884, to be paid to the Board of Trustees of the University of Illinois, Northwestern University, and American Cancer Society, Illinois Division, Inc., in equal shares, to be used for the purposes specified in the will of Lizzie Gilman, deceased.

On motion of Mr. Williamson, the foregoing resolution was adopted.

PURCHASES

Purchases Authorized

(30) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase in each case was recommended on the basis of the lowest acceptable bid.

Item	Department	Vendor	Cost
Eleven centrifuges; four autoclaves; ovens, sterilizers, balances, microtomes, distilling apparatus, disintegrators, and complete accessories for all laboratory equipment involved (a complete list of the items included in this order was available at the Board meeting)	Agency for International Development	WILL-New York, Inc., New York, N.Y.	\$21 298 46 f.a.s. Bombay, India, cost and freight included
One spectrometer, mass leak detector and accessories, using helium as a tracer, for determining extremely small leaks by means of electronic detection of the gas and converting that impulse to an electric signal, which designates the size of the leak	Physics	Veeco Vacuum Electronics, Plainview, Long Island, N.Y.	5 073 50 f.a.s. New York

On motion of Mr. Williamson, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

Item	Department	Vendor	Cost
One electronic enlarger to be used for the reproduction of original X-ray films	Cleft Palate Clinic	LogElectronics, Inc., Alexandria, Va.	\$10 076 16 delivered
One microradiographic apparatus for preparing X-ray pictures of tissue sections	Histology	Siemens New York, Inc., New York, N.Y.	3 933 00 f.o.b. New York
500,000 Primidone tablets, 0.25 gm.; this is a year's supply of this item, which is an anticonvulsant drug used in the treatment of epilepsy	Pharmacy Stores	Ayerst Laboratories, Chicago	13 290 00 delivered
20,000 Tetracycline V capsules, 250 mg.; this represents a three-month supply of this product, which is a broad spectrum antibiotic used in the treatment of bacterial and viral infections	Pharmacy Stores	E. R. Squibb & Sons, Franklin Park	3 038 00 net, delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Approximately 1,425 millicuries of assorted radioisotopes for use by the Isotope Laboratory during the period from July 1, 1962, through June 30, 1963; these isotopes are used in diagnostic procedures and therapy in the Research and Educational Hospitals	Radiology	Volk Radiochemical Co., Skokie	\$ 5 359 50 delivered
Approximately 201 cartons of X-ray solutions and tank service for one automatic X-ray film processing unit for the period beginning July 1, 1962, through June 30, 1963, subject to renewal for one year by mutual agreement	Radiology	Philip A. Hunt Co., Chicago	4 573 90
Four infant incubators	Research and Educational Hospitals	The Burrows Co., Lincolnwood	3 292 80 delivered
20,000 Undergraduate Division 1962-63 catalogs, approximately 152 pages	Vice-President, Chicago Undergraduate Division	Interstate Printers & Publishers, Inc., Danville	6 823 40 delivered
One language laboratory consisting of thirty student booths, one teachers console, and one remote control cabinet	Division of Humanities, Chicago Undergraduate Division	Chester Electronic Laboratories, Inc., Chester, Conn.	17 631 00 delivered and installed
Furnish all labor and equipment for the removal, hauling away and disposing of all debris, and grading, at various areas located at the Medical Center to be used for parking	Physical Plant	Edmier, Inc., Cicero	9 600 00
Furnish and install new brakes on two elevators in the Student Residence Hall and on two elevators in the Staff Apartment Building	Physical Plant	Haughton Elevator Co., Chicago	2 797 20

Urbana-Champaign Departments

One oscilloscope, dual beam, DC-30MC, with separate vertical and horizontal deflection of both beams, sweep ranges 0.1 microsecond to 12 sec/cm, 5-X magnifiers, delay range 0.5 sec to 50 sec; one scope-stand, portable; two plug-in preamplifiers; one oscilloscope camera	Aeronautical and Astronautical Engineering	Tektronix, Inc., Park Ridge	\$ 3 640 00 f.o.b. Beaverton, Ore.
Gas chromatograph, high temperature, with recorder, flame ionization detector, and disc integrator kit; this equipment will be used primarily to determine the oxides of nitrogen in the nitrogen chemistry studies conducted by the Department of Agronomy	Agronomy	F & M Scientific Corp., Avondale, Pa.	5 308 50 f.o.b. delivered
Two sets aircraft communication and navigation equipment consisting of receivers, transmitters, power supplies, instruments, antennas, and installation kits for use in existing aircraft at the Institute of Aviation	Institute of Aviation	DEC Aviation, Inc., Madison, Wis.	7 665 50 f.o.b. delivered
One nuclear counting system, automatic, to reach a pre-set count of 99,999 and then print the elapsed time and sample number, of 30 samples of radioisotopes, using samples 1/4 in. diameter and smaller	Chemistry and Chemical Engineering	Instrument & Development Products Co., Chicago	2 785 00 f.o.b. delivered terms, net 30 days
Nine instrumentation laboratories and three workbenches complete with accessories and manuals to teach electronics and instrumentation to scientists during short course conferences cooperatively held by Department of Chemistry and Chemical Engineering and the Division of University Extension	Chemistry and Chemical Engineering Extension Division	Heath Co., Benton Harbor, Mich.	8 518 36 f.o.b. Benton Harbor, Mich.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One lot laboratory apparatus and equipment including laboratory glassware, plastic containers, stirrers, brushes, clamps, coils; estimated to be a three-month supply	General Chemical Stores	LaPine Scientific Co., Chicago	\$75 512 18 f.o.b. delivered
Approximately 150 cases of assorted laboratory glassware (Corning Glass Works) and 150 cases assorted laboratory glassware (Kimble Glass Co.) ordered in maximum discount quantities as needed in next 120 days and according to published fair-trade prices in effect at time of shipment (a complete list of the items included in this order was available at the Board meeting)			
1,000 connectors, taper pin, printed circuit, with sleeves, number of contacts 44, insulated, 3000 VDC, polarizing keys, board thickness, .054 in. to .071 in., bellows spring type contact extending full length of printed circuit fingers	Digital Computer Laboratory	Viking Industries, Inc., Canoga Park, Calif.	4 190 00 f.o.b. delivered
1,700 transistors, type GF 45011, germanium mesa	Digital Computer Laboratory	Western Electric Co., Laureldale, Pa.	7 650 00 f.o.b. Laureldale, Pa.
50,000 terminals, taper pin, for 24-gauge plastic-insulated hook-up wire, complete with necessary tools for crimping, insertion, and extraction of terminals	Digital Computer Laboratory	American Pamcor, Inc., St. Louis, Mo.	2 900 30 f.o.b. St. Louis, Mo.
One integrated system of special racks for transistor circuitry	Digital Computer Laboratory	Northern Tool & Die Co., Chicago	9 250 00 f.o.b. delivered
One research microscope with accessories and attachments for simultaneous anoptical contrast, fluorescent microscopy, and photomicrography	Food Technology	William J. Hacker & Co., Inc., West Caldwell, N.J.	5 262 84 f.o.b. delivered and installed
Three prefabricated chambers for plant growth, for studies in mineral nutrition, translocation, and disease resistance in woody perennial plants	Horticulture	Sherer-Gillette Co., Marshall, Mich.	20 970 00 f.o.b. delivered
Two vidicon camera chains including two each cameras, output amplifiers, and control panels; two cradle heads; two lenses, f 1.5, 40 mm.; two camera cables, 50 ft.; 25 conductors with connectors; one power supply, 280 V., 1600 ma.; one centering current sub-chassis; one unregulated voltage sub-chassis; one video switcher, 9 input, 1 output; one video switcher-fader, 5 input, 2 output	Office of Instructional Television	Radio Corp. of America, Camden, N.J.	12 186 00 f.o.b. delivered
One oscilloscope, dual beam, with sweep delay and separate vertical and horizontal deflection of both beams, DC-30 mc, 12 nsec rise time, 10 KV accelerating potential, 24 calibrated sweep rates 0.1 msec/cm to 5 sec/cm; 2 plug-in preamplifiers, deflection factor 0.05 V/cm to 20 V/cm	Mechanical and Industrial Engineering	Tektronix, Inc., Park Ridge	3 030 00 f.o.b. Beaverton, Ore.
Three recorders, tape, 7½ and 15 in. per second, two-channel, professional quality, with plug-in matching transformers	Music	R. W. Neill Co., Inc., Chicago	5 132 95 f.o.b. delivered
One alignment tape, head-demagnetizer, cleaning fluid, and oil			
One film transport assembly to be incorporated into the Physics Department's present precision film reader (this device will drastically reduce the time spent for moving film through the reader and thus greatly speed up the research productivity)	Physics	Itek Laboratories, Waltham, Mass.	5 188 00 f.o.b. destination

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One oscilloscope, sampling, with dual-trace sampling plug-in unit, timing plug-in unit, and 2 probes; 0.35 nanoseconds rise time, accelerating potential 2.7 KV, external horizontal input 0.05 to 5V/cm sensitivity, slow and fast range manual scan, coarse and fine controls for horizontal position	Physics	Tektronix, Inc., Park Ridge	\$ 3 525 00 f.o.b. destination, plus transportation charges from Beaverton, Ore.
One projector, measuring (film reader) for bubble chamber film, must handle 3 x 400 ft. 35 mm. film and 3 x 1000 ft. 70 mm. film, at least 56 mm. transverse by 152.4 mm. longitudinal, linearity ± 2 microns, resolution better than 150 lines per mm.	Physics Betatron	Nuclear Research Instruments, Berkeley, Calif.	38 430 00 f.o.b. delivered
One recorder, X-Y, with automatic chart advance, recording speed 1 second, input voltages 5 mv. to 100 volts, and built-in time sweep	Theoretical and Applied Mechanics	F. L. Moseley Co., c/o Crossley Associates, Inc., Chicago	2 950 00 f.o.b. Pasadena, Calif.
Print and bind 2,000 copies of <i>The Cubeo</i> , by Irving Goldman, trim size 6 in. x 9 in., approximately 336 pages per copy	University Press	North Central Publishing Co., St. Paul, Minn.	3 261 88 f.o.b. delivered
Print and bind 2,000 copies of <i>Law and Organization in World Society</i> by Kenneth S. Carlston, trim size 6 in. x 9 in. approximately 364 pages per copy	University Press	Interstate Printers & Publishers, Inc., Danville	4 669 19 f.o.b. delivered
Print and bind 10,000 copies of <i>An Alternative to War or Surrender</i> by Charles E. Osgood, trim size 5½ in. x 8 in., approximately 208 pages per copy	University Press	George Banta Co., Chicago	3 654 25 f.o.b. delivered
Print and bind 6,000 copies of book, Unit 9, <i>High School Mathematics</i> , trim size 8½ in. x 11 in., approximately 384 pages per copy, with option to purchase, in the future, an additional 2,000 or 4,000 copies prior to July 1, 1963, on the basis of quoted prices	University Press	George Banta Co., Chicago	5 561 62 f.o.b. Menasha, Wis.
Print and bind 5,000 copies each of the following ILLINI paperback titles, trim size of all titles 5½ in. x 8 in.: <i>Grierson's Raid</i> , by D. Alexander Brown, approximately 268 pages <i>The Mars Project</i> , by Wernher von Braun, approximately 100 pages <i>The New Explorations</i> , by Benton MacKaye, approximately 264 pages <i>Tragicomedies</i> , by Marvin T. Herrick, approximately 340 pages <i>Themes in Greek and Latin Epitaphs</i> , by Richard Lattimore, approximately 356 pages <i>The Doctrine of Responsible Party Government</i> , by J. Austin Ranney, approximately 188 pages	University Press	Colonial Press, Inc., New York, N.Y.	11 623 55 f.o.b. delivered
54 films, 16 mm., educational, color, and black and white, miscellaneous titles	Audio-Visual Aids Service	McGraw-Hill Book Co., Inc., Text Films Dept., New York, N.Y.	5 948 78 f.o.b. delivered
44 films, 16 mm., educational, color, and black and white, miscellaneous titles, less trade-in allowance on 44 damaged films of other titles	Audio-Visual Aids Service	Encyclopaedia Britannica Films, Inc., Wilmette	5 902 20 f.o.b. delivered
79 tables, dining, maple, size 30 in. x 30 in. (closed) and 30 in. x 60 in. (opened), with laminated plastic top, for Orchard Downs Apartments	Housing Division	Gilbert A. Force Co., Chicago	5 972 40 f.o.b. delivered
50 refrigerators, 9 cubic foot capacity, white enamel finish, nonautomatic defrost for Orchard Downs Apartments	Housing Division	Kelvinator Division, American Motors Sales Corp., Chicago	5 455 50 f.o.b. delivered
1,064 mattresses, latex foam, 36 in. x 76 in. x 4½ in. thick, covered with 8 oz. ticking; these are to be used in the student rooms in the Pennsylvania Avenue Residence Halls	Housing Division	Twin City Mattress Factory, Champaign Champaign Mattress Factory, Champaign	27 664 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
39 commercial automatic washing machines, coin-operated, to be furnished and installed in Residence Halls, as needed, during the period July 1 to December 31, 1962	Housing Division	Herb Wise Service, Champaign	\$ 8 190 00 f.o.b. delivered and installed
Furnish and install rugs and padding in the south lounge of the Illini Union addition: 3 rugs—23 ft. x 24 ft. 8 in. 2 rugs—9 ft. 3 in. x 26 ft. 6 in. 1 rug—9 ft. 3 in. x 24 ft. 8 in.	Illini Union	Marshall Field & Co., Chicago	9 956 16 f.o.b. delivered and installed
Lounge tables and chairs for Illini Union addition: 5 card tables 24 end tables 2 sofa tables 5 coffee tables 20 card table chairs	Illini Union	Montgomery Ward & Co., Chicago	4 723 29 f.o.b. delivered
Four portable choral risers (for choral concert ensembles), three levels	Illini Union	Chapman-Young, Inc., Kirkwood, Mo.	4 993 70 f.o.b. delivered
Twelve portable stage units, 8 ft. x 6 ft. x 16 in. high, complete with guard rails, chair stops, and height extensions			
Four sets of stairs			
28,900 reams paper, white, sulphite offset, of various sizes and weights, estimated ten-month supply for the Medical Center and Urbana	Office Supply Stores, Urbana and Chicago	Bradner Smith & Co., Chicago	34 077 50 f.o.b. delivered
One hoist system, three-ton electric, overhead, complete with all necessary track, switch, and electrical equipment	Physical Plant	Cleveland Tramrail Haigh Co., Division of Mason W. Haigh & Sons, Inc., Peoria	4 494 00 f.o.b. delivered
Furnish, deliver, and erect one building, storage, metal sides and roof, 32 ft. x 60 ft., to be located on Horticulture Farm for Plant Pathology Department storage of farm machinery, tools, fungicides, and fertilizers	Physical Plant	Alexander Lumber Co., Champaign	3 415 00 f.o.b. delivered and erected
Three truckloads (6,645 gallons) synthetic floor finish to be delivered to the Physical Plant Storeroom in July, 1962, November, 1962, and March, 1963	Physical Plant Storeroom	International Chemical Co., Chicago	11 080 86 f.o.b. delivered
Lumber, for a one-year period (July 1, 1962, through June 30, 1963), the following estimated quantities to be furnished as needed by the Physical Plant Storeroom: approximately 24,000 bd. ft., No. 2 spruce; 78,000 bd. ft. construction grade fir; 13,000 bd. ft. "C" select pine; 13,000 bd. ft. clear fir flooring	Physical Plant Storeroom	Long Lumber Co., Champaign	17 603 50 f.o.b. delivered
Plywood, douglas fir; for a one-year period (July 1, 1962, through June 30, 1963): 1,710 sheets Interior A-B 170 sheets Exterior A-A 220 sheets Exterior A-B 600 sheets Interior A-D 250 sheets Interior C-D	Physical Plant Stores	Kochton Division, General Plywood Corp., Decatur	13 771 89 f.o.b. delivered
Building materials for the year beginning July 1, 1962: 600 sheets tapered edge wallboard 229 sheets asbestos board 100 sheets pressed fibre board 75 sheets insulation board 320 sheets tempered hardboard 50 tempered pegboard	Physical Plant Stores	Hillcrest Lumber Co., Champaign	4 577 84 f.o.b. delivered
One 1962 truck, 14,000 pounds, GVW, 1½ ton capacity, with 12 foot long van body; this vehicle is an addition to the University's fleet and will be used by the Central Receiving Station to meet the expanding delivery needs	Purchasing	International Harvester Co., Springfield	3 823 62 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
3 sedans, compact, four-door, 1962 model	Physical Plant	Noble Motor Co., Danville	
25 sedans, standard, four-door, 1962 model	Allerton House	One compact sedan	\$ 730 00
11 station wagons, four-door, 1962 model, nine-passenger		University Ford Sales, Inc., Champaign	
To replace present vehicles in the University fleet		Four standard sedans	3 632 00
		Two station wagons	2 460 00
		Gregory Ford Co., Decatur	
		One compact sedan	834 00
		21 standard sedans	21 966 00
		One station wagon	1 324 00
		Rogers Chevrolet Co., Rantoul	
		One compact sedan	815 67
		Eight station wagons	9 730 36
			(41 492 03)
			f.o.b.
			delivered

On motion of Mr. Williamson, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(31) The Comptroller's report of contracts executed during the period April 1 to 30, 1962.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
National Aeronautics and Space Administration NsG 242-62	Study of thermal contact resistance in a vacuum environment	\$26 127 00	February 1, 1962
United States Department of Health, Education, and Welfare OE-2-13-036	Plan of operation for continuation of language and area center in Russian	50 070 00	April 12, 1962
United States Navy Nonr-1834(40)	Research on heat stable enzymes	13 432 00	February 1, 1962
Wisconsin-Minnesota Cooperative Bull Studs	Investigate the effect of aging on the nuclear material of bovine spermatozoa	9 890 00	February 26, 1962
<i>Total</i>		<u>\$99 519 00</u>	

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
States Attorney of Douglas County	Payment in lieu of taxes (Hackett)	\$ 1 325 94	April 12, 1962

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
International Harvester Co.	Farm machinery lease: one manure spreader	\$ 84 15	March 9, 1962
MacCarthy Ford Tractor Sales, Inc.	Farm machinery lease: one all-purpose tractor; one mounted picker-sheller; one bumper; two weights; two clamps; one brace kit	512 87	April 5, 1962
Massey-Ferguson, Inc.	Farm machinery lease: one mower blade with extension	22 50	July 3, 1961
<i>Total</i>		<u>\$ 619 52</u>	

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Research Council on Riveted and Bolted Structural Joints of the Engineering Foundation	Behavior of riveted and bolted structural joints	\$21 000 00	January 2, 1962
State of Illinois, Division of Highways IHR-69	Traffic-linkage patterns	2 300 00	January 25, 1962
United States Air Force AF 19(604)3481	Electromagnetic wave interaction techniques	49 947 00	January 26, 1962

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Air Force AF 19(604)5705	Sage operator performance factors contributing to operator fatigue in sage operations	\$ 3 285 67	March 29, 1962
United States Air Force AF 33(616)5965	Classification of tasks for ordering knowledge of human learning	7 456 77	April 17, 1962
United States Air Force AF 33(616)6428	Analyzing principles of the mam- malian auditory system	7 032 34	March 30, 1962
United States Air Force AF 33(616)6542	Quantitative theory of form percep- tion	1 827 18	April 11, 1962
United States Air Force AF 33(616)6643	Nonlinear vibration isolation sys- tems	2 696 39	March 30, 1962
United States Air Force AF 33(616)7043	Megavolt electronics, submillimeter wave research	110 000 00	March 19, 1962
United States Air Force AF 40(600)909	Determine pressure in an ultra-high vacuum chamber	20 586 00	April 5, 1962
United States Air Force AF 41(657)130	Cardiovascular effects of refeeding stress following starvation	3 520 31	April 5, 1962
United States Air Force AF 41(657)279	Relationship of Air Force tests to technical high school performance	1 211 26	March 7, 1962
United States Air Force AF 49(638)371	Human behavior in complex tasks having multiple stimulus—mul- tiple response demands	10 809 69	March 19, 1962
United States Army DA 36-039 SC-87280	Quantitative determination of point and areal precipitation by radar echo measurements	82 000 00	March 30, 1962
United States Atomic Energy Commission AT (11-1) 891	Chemical reactions of energetic at- oms produced by nuclear recoil or by heterogeneous flash photolysis	21 917 00	April 15, 1962
United States Navy NObs-65790	Propagation of fractures in metals	7 518 21	March 29, 1962
United States Navy Nonr-1459(03)	Metabolism of the nervous system in relation to function	15 000 00	February 5, 1962
United States Navy Nonr-1834(02)	Development of radio wave direc- tion-finding techniques	118 245 00	August 31, 1961
Wyandotte Chemicals Corp.—subcontract under contract number AF 33(616)7214	Ferrocenes substituted with reactive groups	7 500 00	March 21, 1962
<i>Total</i>		<u>\$493 852 82</u>	

Adjustments Made in 1961-62 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Fifteen items: \$25.00 to \$650.00	\$ 2 630 00	March and April, 1962
M. E. Hollett (Painting)	One item: 290.90	290 90	December, 1961
<i>Total</i>		<u>\$ 2 920 90</u>	

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(32) The Comptroller presented his quarterly report to the Board as of March 31, 1962.

This report was received for record, and a copy has been filed with the Secretary of the Board.

ANNUAL REPORT OF THE TREASURER

(33) In accordance with the By-Laws of the Board of Trustees, the Treasurer of the University has submitted a report of receipts and disbursements of University funds in his custody for the period March 1, 1961, to February 28, 1962, certified by the Comptroller. A copy of this report was sent to each member of the Board of Trustees prior to today's meeting, and a copy is filed with the Secretary of the Board.

This report was received for record.

SALE OF BONDS FOR ORCHARD DOWNS ADDITION

(34) Bids were received at 11:00 a.m., May 24, 1962, for the sale of \$2,100,000 of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1962, Series A" to finance construction of the Orchard Downs Addition:

<i>Company</i>	<i>Price</i>	<i>Interest Rates</i>	<i>Effective Interest Rates</i>	<i>Total Interest Cost</i>
White, Weld, and Company, and Associates	\$2 080 008 00	3¼, 3½, 3.70, 3.80, 3¾	3.7302	\$1 953 514 50
Eastman Dillon, Union Securities and Company	2 091 915 00	3, 3½, 3.60, 3¾, 3⅞	3.7656	1 972 085 00
John Nuveen and Company, and Associates	2 080 000 00	3½, 3.60, 3¾, 3.80, 3¾	3.7657	1 972 115 00
F. S. Smithers and Company, and Associates	2 081 184 00	4½, 4, 3¾, 3⅞, 3¼	3.7894	1 984 522 25
B. J. Van Ingen and Company	2 080 369 20	3¼, 3½, 3¾, 3.80, 3.85	3.81525	1 998 048 30

The Vice-President and Comptroller recommended that the bonds be sold to White, Weld, and Company and Associates at a price of \$2,080,008 plus accrued interest and at an effective interest rate of 3.7302, which represents the lowest interest cost to the University.

On motion of Mr. Williamson, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Johnston, Mr. Kerner.

HOUSING REVENUE BONDS OF 1962, SERIES A

(35) The Vice-President and Comptroller presents the Fifth Supplemental Housing Revenue Bond Resolution supplementing the Resolution approved December 17, 1958, and creating \$2,100,000 Housing Revenue Bonds of 1962, Series A, and recommends its adoption. He also recommends that the Board:

Authorize the retention of the firm of Chapman and Cutler, Chicago, as counsel for the bond issue;

Ratify and confirm the action of the Comptroller in advertising for the sale of bonds;

Authorize the execution of the bonds by A. J. Janata, Secretary of the Board, by the facsimile signatures of the President of the Board, and by the facsimile signatures of Frances B. Watkins, Timothy W. Swain, Members of the Board;

Authorize the Comptroller and Treasurer to deliver the Series A Bonds of 1962 to White, Weld, and Company, and Associates;

Ratify and confirm all actions taken or to be taken by the officers and members of the Board in connection with the sale and delivery of the Bonds.

I concur.

On motion of Mr. Williamson, these recommendations were approved, authority was given as requested, and all actions taken or to be taken in connection with the sale and delivery of the bonds were confirmed. This action was taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Johnston, Mr. Kerner.

Fifth Supplemental Housing Revenue Bond Resolution

A RESOLUTION CREATING AND AUTHORIZING THE ISSUE, AUTHENTICATION AND DELIVERY OF \$2,100,000 HOUSING REVENUE BONDS OF 1962, SERIES A, AND FURTHER SUPPLEMENTING A RESOLUTION DULY ADOPTED BY THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS ON DECEMBER 17, 1958.

WHEREAS, The Board of Trustees of the University of Illinois, on due consideration and investigation, does now find and determine that it is advisable and necessary and in the interests of the University of Illinois and the welfare of its students and faculty to construct and equip additional buildings and related facilities for the purpose of housing its students and staff; and

WHEREAS, in order to provide such facilities it is advantageous to the University and necessary that the University borrow money and issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes 1961, and all laws amendatory thereof and supplemental thereto; and

WHEREAS, The Board of Trustees of the University of Illinois on December 17, 1958, did duly adopt a resolution (herein sometimes called "Original Resolution") providing for the issuance of revenue bonds; and

WHEREAS, The Board of Trustees of the University of Illinois on June 23, 1959, October 21, 1959, June 14, 1960 and May 17, 1961, respectively, duly adopted First, Second, Third and Fourth Supplemental Resolutions for the purpose of supplementing the Original Resolution and providing for the issuance of additional revenue bonds thereunder, and

WHEREAS, there are now issued and outstanding under the Original Resolution as supplemented by the First, Second, Third and Fourth Supplemental Resolutions thereto, \$22,350,000 aggregate principal amount of Bonds designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds" and having the further designations of year and series in the respective principal amounts as follows:

<i>Year and Series</i>	<i>Principal Amount</i>
1958, Series A.....	\$1,590,000
1958, Series B.....	1,495,000
1959, Series A.....	100,000
1959, Series B.....	1,515,000
1959, Series C.....	3,450,000
1959, Series D.....	3,450,000
1960, Series A.....	5,000,000
1960, Series B.....	5,000,000
1960, Series C.....	750,000

WHEREAS, The Board of Trustees of the University of Illinois now desires to create and to authorize the issue, authentication and delivery of an additional issue of Bonds under and in accordance with the Resolution as supplemented by this Fifth Supplemental Resolution thereto which additional Bonds are to be limited to the aggregate principal amount of \$2,100,000 at any one time outstanding, which shall be known as "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1962, Series A" (hereinafter called "1962 Series A Bonds").

Now, Therefore, Be It Resolved by The Board of Trustees of the University of Illinois:

ARTICLE ONE

SUPPLEMENTARY PROVISIONS RELATING TO INCOME AND THE APPLICATION THEREOF

SECTION 1.1. *Pledge of Revenues.* The pledge of the revenues (including the revenues to be derived from the operation of Project F hereinafter mentioned) contained in Section 5.01 of the Original Resolution and Section 1.1 of each of the First, Second, Third and Fourth Supplemental Resolutions is hereby ratified and confirmed and all revenues to be derived from the operation of Project F are hereby specifically pledged for the purposes mentioned in said Section 5.01 of the Original Resolution.

SECTION 1.2. *Supplementation of Revenues.* It is hereby determined by the Board of Trustees and it is hereby covenanted that in view of the additional issue of Bonds to be outstanding it is necessary to supplement the revenues to be derived from the facilities by a further use of student tuitions which are authorized by law to be retained in the Treasury of the University and therefore the limitation contained in clause (b) of Section 5.03 of the Original Resolution as supplemented by Section 1.2 of each of the First, Second, Third and Fourth Supplemental Resolutions be and the same is hereby increased by an amount equal to \$50,000 so that such supplementation shall henceforth be an amount not to exceed in any one fiscal year the lesser of (a) an amount which when added to the revenues to be derived from the facilities will be sufficient to meet the annual operating expenses of the facilities and to provide for the payments required to be made into the Bond and Interest Sinking Fund established for the benefit of the Bonds in subsection (b) of Section 5.02 of the Original Resolution, or (b) \$860,000 plus such additional sums as may be specified in any other resolution supplemental to the Resolution as supplemented hereby, creating or authorizing the issuance of additional Bonds.

ARTICLE TWO

1962 SERIES A BONDS AND THE ISSUANCE THEREOF

SECTION 2.1. *Project F and Purpose of Issue of Bonds.* The project (hereinafter designated "Project F") to be acquired, constructed, equipped and completed pursuant to this Fifth Supplemental Resolution is described in a general way as:

Apartment for 160 married students, to be known as Orchard Downs Addition, to be located south of the Orchard Downs Apartments (item 2 of Project D as described in the Third Supplemental Resolution).

The estimated cost of said Project F is \$2,100,000 exclusive of land and exclusive of any pro rata share of the University power and heating plant serving the Project, but including the cost of extending utilities to the Project. The estimated cost of each portion of said Project F is more fully set forth in the plans and specifications therefor on file with the Comptroller of the University.

It is hereby determined that in order to produce the funds necessary to construct and equip Project F that the University borrow the sum of \$2,100,000 and in evidence thereof to issue its Housing Revenue Bonds hereunder in said principal amount.

SECTION 2.2. *Terms of 1962 Series A Bonds.* There is hereby created and authorized an additional series of Bonds to be issued under the Resolution as supplemented by this Fifth Supplemental Resolution to be substantially in the form and of the tenor and purport hereinafter set forth and limited to the aggregate principal amount of Two Million One Hundred Thousand Dollars (\$2,100,000) at any one time outstanding, which shall be designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1962, Series A" (hereinafter called "1962 Series A Bonds").

The 1962 Series A Bonds shall be issued as negotiable coupon Bonds dated April 1, 1962, registrable as to principal in the denomination of \$1,000 or as fully registered Bonds without coupons, dated as of the interest payment date to which interest was last paid, next preceding the date of issue, unless issued on an interest payment date on which interest was paid, in which case they shall be dated as of the date of issue, or unless issued prior to October 1, 1962, in which case they shall be dated April 1, 1962. Each fully registered Bond without coupons shall be of a single maturity. Fully registered Bonds without coupons, shall be numbered in such manner satisfactory to the Trustee as may be designated by the Comptroller and shall be issued in denominations of \$1,000 or multiples thereof, shall bear interest from April 1, 1962, payable semiannually on the first days of April and October in each year until paid, commencing October 1, 1962, at the rates provided below and shall mature in the following amounts on October 1 of the following years:

<i>Year of Maturity</i>	<i>Amount</i>	<i>Interest Rate</i>	<i>Year of Maturity</i>	<i>Amount</i>	<i>Interest Rate</i>
1965	20,000	3¼%	1983	60,000	3.70%
1966	20,000	3¼%	1984	60,000	3.70%
1967	20,000	3¼%	1985	60,000	3.70%
1968	30,000	3¼%	1986	60,000	3.70%
1969	30,000	3¼%	1987	60,000	3.70%
1970	30,000	3¼%	1988	60,000	3.70%
1971	40,000	3¼%	1989	60,000	3.70%
1972	40,000	3¼%	1990	60,000	3.70%
1973	40,000	3½%	1991	60,000	3.70%
1974	50,000	3½%	1992	70,000	3.70%
1975	50,000	3½%	1993	70,000	3.80%
1976	50,000	3½%	1994	70,000	3.80%
1977	50,000	3½%	1995	70,000	3.80%
1978	50,000	3½%	1996	70,000	3.80%
1979	50,000	3½%	1997	80,000	3.80%
1980	60,000	3½%	1998	80,000	3.80%
1981	60,000	3½%	1999	300,000	3¾%
1982	60,000	3½%			
				<u>\$2,100,000</u>	

The 1962 Series A Bonds shall be redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on April 1, 1972, or on any interest payment date thereafter in the inverse order in which they mature at the principal amount thereof plus accrued interest to the date of redemption plus a premium of the following percentages of such principal amount if redeemed during the following periods respectively:

<i>Period of Redemption</i>	<i>Applicable Premium</i>
April 1, 1972 through October 1, 1976.....	3%
April 1, 1977 through October 1, 1981.....	2%
April 1, 1982 through October 1, 1986.....	1½%
April 1, 1987 through October 1, 1991.....	1%
April 1, 1992 or thereafter prior to maturity.....	None

All redemptions shall be made in the manner, upon the notice, and with the effect provided in Article Three of the Original Resolution.

SECTION 2.3. *Payment of Principal and Interest.* Both the principal of and the interest on the 1962 Series A Bonds shall be payable in any coin or currency which, on the respective date of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago, or its successor, in the City of Chicago, Illinois, or, at the option of holders at The Chase Manhattan Bank, or its successor, in the Borough of Manhattan and City and State of New York.

SECTION 2.4. *Form of Bonds.* The definitive coupon Bonds of 1962 Series A, the interest coupons to be attached thereto, the form of fully registered Bonds without coupons of 1962 Series A, shall be in substantially the following forms with appropriate insertions, omissions and variations to evidence differences in series, number, interest rate, maturity and like matters:

(Form of Coupon Bond)
UNITED STATES OF AMERICA
STATE OF ILLINOIS

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF
ILLINOIS HOUSING REVENUE BOND OF 1962

(Series A)

Number.....\$1,000

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a body corporate, created and existing under the laws of the State of Illinois, for value received promises to pay to bearer, but only out of the Housing Revenue Bond Fund, as hereinafter provided for, and not otherwise, the principal sum of ONE THOUSAND DOLLARS (\$1,000), on October 1, 19....., and to

pay interest on said sum from the date hereof until paid at the rate of per cent (.....%) per annum, payable October 1, 1962, and semiannually thereafter on the first days of April and October in each year until the principal amount hereof has been fully paid. Interest accruing on this bond on and prior to the maturity date hereof shall be payable on presentation and surrender of the interest coupons hereto attached as they subsequently become due, but no interest shall accrue on this bond after the maturity hereof unless this bond shall be presented for payment and be not then paid.

Both principal hereof and interest hereon are hereby made payable in any coin or currency which, on the respective dates of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago (hereinafter called "Trustee"), or its successor in trust under the Resolution hereinafter referred to, in the City of Chicago, Illinois, or at the option of the holder, at The Chase Manhattan Bank, in the Borough of Manhattan and City and State of New York.

This bond is one of an authorized series of Two Million One Hundred Thousand Dollars (\$2,100,000) principal amount of Housing Revenue Bonds of 1962, Series A, issued or to be issued pursuant to a Bond Resolution of The Board of Trustees of the University of Illinois duly adopted December 17, 1958, as supplemented by First, Second, Third, Fourth and Fifth Supplemental Resolutions thereto duly adopted June 23, 1959, October 21, 1959, June 14, 1960, May 17, 1961, and May 24, 1962, respectively (said Bond Resolution as so supplemented being herein referred to as the "Resolution"), for the purpose of providing funds for paying the cost of constructing and equipping student and staff housing and related facilities. Said Resolution, among other things, provides for the issuance of additional bonds pursuant thereto in the manner and upon the terms and conditions more fully set forth therein.

The bonds of this Series are redeemable prior to maturity as a whole or in part on April 1, 1972, or on any interest payment date thereafter in the inverse order in which they mature at the option of The Board of Trustees of the University of Illinois at par and accrued interest to the date of redemption and a premium as follows: three per cent (3%) of the principal amount thereof if redeemed April 1, 1972 through October 1, 1976; two per cent (2%) of the principal amount thereof if redeemed April 1, 1977 through October 1, 1981; one and one-half per cent (1½%) of the principal amount thereof if redeemed April 1, 1982 through October 1, 1986; one per cent (1%) of the principal amount thereof if redeemed April 1, 1987 through October 1, 1991; and without premium if redeemed April 1, 1992 or thereafter.

Notice of redemption of any or all of said bonds shall be published once a week for two successive calendar weeks, the first such publication to be not less than thirty days prior to the date of redemption, such publication to be made in one daily newspaper printed in the English language and published and of general circulation in the City of Chicago, Illinois, and also in a financial newspaper printed in the English language and published and of general circulation in the Borough of Manhattan, City and State of New York, and when this bond or any of the bonds of such authorized issue shall have been duly called for redemption, interest thereon shall cease from and after the specified redemption date if redemption monies are available for the payment of all bonds called for redemption.

This bond and the series of which it forms a part is issued under the authority of The Board of Trustees of the University of Illinois to issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1961, and all laws amendatory thereof and supplemental thereto and the Resolution above referred to.

This bond is payable, both as to principal and interest, only from the revenues required to be credited to the Housing Revenue Bond Fund as provided in the Resolution, which revenues are to be derived from (1) the operation of the revenue producing facilities constructed, completed, and equipped with the proceeds of this bond issue, bonds heretofore issued pursuant to the Resolution and additional bonds which may hereafter be issued pursuant to the Resolution, (2) student tuitions authorized by law to be retained in the University treasury, but not in excess of \$860,000 annually plus such additional sums as may be specified in any supplemental resolution creating or authorizing additional bonds to be issued pursuant to the Resolution as so supplemented, and (3) certain existing

revenue producing buildings of the University after the prior payment of other indebtedness to the extent set forth in the Resolution. This bond and the series of which it forms a part do not constitute an indebtedness of said University of Illinois, The Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University, of said Board of Trustees or of the State of Illinois is pledged to the payment of this bond or the interest thereon.

This bond shall pass by delivery unless it is registered as to principal in the name of the holder on the books of registration of said University kept at the office of the Trustee in Chicago, Illinois, such registration to be noted on the back hereof. After such registration no transfer hereof shall be valid unless made on such books by the registered holder in person or by attorney duly authorized in writing and similarly noted hereon, but this bond may be transferred in like manner to bearer, and thereupon transferability by delivery shall be restored and it may again from time to time be registered or transferred to bearer as before. Such registration, however, shall not restrict the negotiability of the coupons hereto appertaining, but such coupons shall be transferable by delivery merely and payable to the bearer hereof.

Subject to the provisions for registration and transfer, this bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and during such time as this bond is payable to bearer, the same and each of the coupons hereto appertaining may be negotiated by delivery by any person having possession thereof, and any holder who shall have taken this bond while so payable to bearer or any of said coupons from any person for value and without notice shall thereby acquire absolute title to this bond or to such coupons, as the case may be, free of any defenses enforceable against any prior holder and free from all equities and claims of ownership of any such prior holder, and The Board of Trustees of the University of Illinois, the Trustee, and any paying agent may deem and treat the bearer of this bond, or, if registered, the person in whose name it is registered, and the bearer of any interest coupons appertaining hereto as the absolute owner hereof for all purposes and shall not be affected by any notice to the contrary whether this bond or any coupon appertaining thereto be overdue or not.

The bonds of this series are issuable as coupon bonds registrable as to principal only in the denomination of \$1,000 and as registered bonds without coupons in the denomination of \$1,000 or a multiple thereof. Each fully registered bond without coupons shall be of a single maturity. The coupon bonds and the registered bonds without coupons are interchangeable for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder or registered owner at the principal office of the Trustee in the City of Chicago, Illinois, and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of The Board of Trustees of the University of Illinois and of the holders of sixty-six and two-thirds per cent (66⅔%) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on or otherwise alter or impair the obligation of the University to pay the principal, interest or redemption premiums, if any, at the time and place and at the rate and in the currency provided therein of any bond without the express consent of the holder, or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the Resolution, other than the lien and pledge created thereunder, or (iii) permit the creation by The Board of Trustees of the University of Illinois of any preference or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons, or (iv) reduce the percentage in principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and

agreements in the Resolution adopted by it, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facilities, as provided for in and by said Resolution, and to establish from time to time parietal rules, rents, and charges for the use of said facilities and to maintain and collect rents and charges and to withhold student tuitions, sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions, and things required to exist, to happen, and to be performed, precedent to and in the issuance of this bond, have existed, have happened, and have been performed in due form, time, and manner, as required by law and the applicable resolutions of The Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said facilities to be applied in the manner hereinabove set forth.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois has caused this bond to be executed by the facsimile signatures of its President and two of its members, the corporate seal of the University of Illinois to be hereto affixed (or a facsimile thereof to be reproduced hereon), and attested by its Secretary, and has caused the interest coupons hereto attached to be executed by the facsimile signatures of said President and Secretary, and this bond to be dated as of the 1st day of April, 1962.

THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

Attest:..... By.....
Secretary *President*

.....
Member *Member*

(Form of Interest Coupon)

Number..... \$.....

On the first day of, 19..... (unless the bond to which this coupon is attached has theretofore been called for payment and payment made or provided for), The Board of Trustees of the University of Illinois will pay to bearer on surrender hereof, solely out of the fund specified in the bond to which this coupon is attached, the sum of Dollars (\$.....) in any coin or currency which, on the respective dates of payment of such principal and interest is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago, in the City of Chicago, Illinois, or at the option of the holder at The Chase Manhattan Bank, in the Borough of Manhattan and City and State of New York, as provided in said Housing Revenue Bond of 1962, Series A, dated April 1, 1962, Number.....

.....
Secretary *President*

(Form of Registered Bond Without Coupons)

UNITED STATES OF AMERICA
STATE OF ILLINOIS
THE BOARD OF TRUSTEES OF THE UNIVERSITY
OF ILLINOIS HOUSING REVENUE BOND OF 1962
(Series A)

Number..... \$.....

The Board of Trustees of the University of Illinois, a body corporate, created and existing under the laws of the State of Illinois, for value received promises to pay (but only out of the Housing Revenue Bond Fund as hereinafter provided for, and not otherwise) to, or

registered assigns, on October 1, 19....., the principal sum of Dollars (\$.....) and to pay interest thereon which shall be paid by check or draft mailed to the registered owner at his address as it appears on the bond registration books of the Trustee hereinafter mentioned as Bond Registrar, at the rate of per cent (.....%) per annum, payable October 1, 1962, and semiannually thereafter on the first days of April and October in each year from the date hereof until the principal amount hereof has been fully paid.

Both principal hereof and interest hereon are made payable in any coin or currency which on the respective dates of payment of such principal and interest is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago (hereinafter called "Trustee"), or its successor in trust under the Resolution hereinafter referred to, in the City of Chicago, Illinois, or at the option of the holder at The Chase Manhattan Bank in the Borough of Manhattan and City and State of New York.

This bond is one of an authorized series of Two Million One Hundred Thousand Dollars (\$2,100,000) principal amount of Housing Revenue Bonds of 1962, Series A, issued or to be issued pursuant to a Bond Resolution of The Board of Trustees of the University of Illinois duly adopted December 17, 1958, as supplemented by First, Second, Third, Fourth and Fifth Supplemental Resolutions thereto duly adopted June 23, 1959, October 21, 1959, June 14, 1960, May 17, 1961, and May 24, 1962, respectively (said Bond Resolution as so supplemented being herein referred to as the "Resolution") for the purpose of providing funds for paying the cost of constructing and equipping student and staff housing and related facilities. Said Resolution, among other things, provides for the issuance of additional bonds pursuant thereto in the manner and upon the terms and conditions more fully set forth therein.

The bonds of this Series are redeemable prior to maturity as a whole or in part on April 1, 1972, or on any interest payment date thereafter in the inverse order in which they mature at the option of The Board of Trustees of the University of Illinois at par and accrued interest to the date of redemption and a premium as follows: three per cent (3%) of the principal amount thereof if redeemed April 1, 1972 through October 1, 1976; two per cent (2%) of the principal amount thereof if redeemed April 1, 1977 through October 1, 1981; one and one-half per cent (1½%) of the principal amount thereof if redeemed April 1, 1982 through October 1, 1986; one per cent (1%) of the principal amount thereof if redeemed April 1, 1987 through October 1, 1991; and without premium if redeemed April 1, 1992 or thereafter.

Notice of redemption of any or all of said bonds shall be published once a week for two successive calendar weeks, the first such publication to be not less than thirty days prior to the date of redemption, such publication to be made in one daily newspaper printed in the English language and published and of general circulation in the City of Chicago, Illinois, and also in a financial newspaper printed in the English language and published and of general circulation in the Borough of Manhattan, City and State of New York, and when this bond or any of the bonds of such authorized issue shall have been duly called for redemption, interest thereon shall cease from and after the specified redemption date if redemption monies are available for the payment of all bonds called for redemption.

This bond and the series of which it forms a part is issued under the authority of The Board of Trustees of the University of Illinois to issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1961, and all laws amendatory thereof and supplemental thereto and the Resolution above referred to.

This bond is payable, both as to principal and interest, only from the revenues required to be credited to the Housing Revenue Bond Fund as provided in the Resolution, which revenues are to be derived from (1) the operation of the revenue producing facilities constructed, completed, and equipped with the proceeds of this bond issue, bonds heretofore issued pursuant to the Resolution and additional bonds which may hereafter be issued pursuant to the Resolution, (2) student tuitions authorized by law to be retained in the University treasury, but not in excess of \$860,000 annually plus such additional sums as may be specified in any supplemental resolution creating or authorizing additional

bonds to be issued pursuant to the Resolution as so supplemented, and (3) certain existing revenue producing buildings of the University after the prior payment of other indebtedness to the extent set forth in the Resolution. This bond and the series of which it forms a part do not constitute an indebtedness of said University of Illinois, The Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University, of said Board of Trustees, or of the State of Illinois is pledged to the payment of this bond or the interest thereon.

Subject to the provisions for registration and transfer contained herein and in the Resolution, this bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and shall be transferable by the registered owner at the principal office of the Trustee in the City of Chicago, Illinois, upon surrender and cancellation of this bond and thereupon a new registered bond without coupons of the same principal amount, interest rate and maturity will be issued to the transferee as provided in the Resolution, upon payment of the transfer charges therein prescribed. The Board of Trustees of the University of Illinois, the Trustee and any other person may treat the person in whose name this bond is registered as the absolute owner hereof for the purpose of receiving payment and for all other purposes and shall not be affected by any notice to the contrary whether this bond be overdue or not.

The bonds of this series are issuable as coupon bonds registrable as to principal only in the denomination of \$1,000 and as registered bonds without coupons in the denomination of \$1,000 or a multiple thereof. Each fully registered bond without coupons shall be of a single maturity. The coupon bonds and the registered bonds without coupons are interchangeable for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder or registered owner at the principal office of the Trustee in the City of Chicago, Illinois, and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of The Board of Trustees of the University of Illinois and of the holders of sixty-six and two-thirds per cent ($66\frac{2}{3}\%$) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on or otherwise alter or impair the obligation of the University to pay the principal, interest or redemption premiums, if any, at the time and place and at the rate and in the currency provided therein of any bond without the express consent of the holder, or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the Resolution, other than the lien and pledge created thereunder, or (iii) permit the creation by The Board of Trustees of the University of Illinois of any preference or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons, or (iv) reduce the percentage of principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the Resolution adopted by it, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facilities, as provided for in and by said Resolution, and to establish from time to time parietal rules, rents, and charges for the use of said facilities and to maintain and collect rents and charges and to withhold student tuitions, sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions, and things required to exist, to happen, and to be performed, precedent to and in the

issuance of this bond, have existed, have happened, and have been performed in due form, time, and manner, as required by law and the applicable resolutions of The Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said facilities to be applied in the manner hereinabove set forth.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois has caused this bond to be executed by the facsimile signatures of its President and two of its members, the corporate seal of the University of Illinois to be hereto affixed (or a facsimile thereof to be reproduced hereon), and attested by its Secretary, and this bond to be dated as of the 1st day of _____, 19.....

THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

Attest:.....	By.....
<i>Secretary</i>	<i>President</i>
.....
<i>Member</i>	<i>Member</i>

ARTICLE THREE

MISCELLANEOUS

SECTION 3.1. *Application of Bond Proceeds.* The Board of Trustees hereby determines that Project F will become revenue producing on or about September 30, 1963 and therefore that portion of the proceeds of the 1962 Series A Bonds representing the interest accrued on such Bonds to the date of payment therefor shall, together with an amount equal to the interest to accrue on such Bonds through September 30, 1963 be deposited with the Trustee in the Bond and Interest Sinking Fund account as required by Section 6.01 of the Resolution.

The balance of said proceeds of the 1962 Series A Bonds shall, as required by Section 6.01 of the Resolution, be deposited in a bank or banks which are members of the Federal Deposit Insurance Corporation and shall be accounted for as one or more separate funds. The application of the funds in such accounts and the disposition thereof shall in all respects comply with all the terms and provisions of Article Six of the Resolution, subject to the terms and provisions of any contract or agreement permitted by or contemplated in said Article Six between The Board of Trustees and any original purchaser of such Bonds.

SECTION 3.2. *Exchanges of 1962 Series A Bonds.* Notwithstanding the provisions of Section 2.08 of the Original Resolution the University may, in addition to any other charges permitted to be made upon the exchange or transfer of bonds, charge to the holders of any fully registered 1962 Series A Bonds presented for exchange for coupon Bonds, the actual costs of printing new coupon Bonds for the purpose of making such exchange. However, 1962 Series A Bonds originally issued in fully registered form at the time of initial delivery thereof may be exchanged without charge for coupon Bonds by the initial purchaser of such Bonds.

SECTION 3.3. *Interpretation and Construction.* This Fifth Supplemental Resolution is supplemental to and is adopted in accordance with Sections 2.06 and 4.02 of the Resolution. In all respects not inconsistent with this Fifth Supplemental Resolution, the Resolution is hereby ratified, approved and confirmed, and all of the definitions, terms, covenants and restrictions of the Resolution shall be applicable to the additional Bonds authorized by this Fifth Supplemental Resolution and the proceeds thereof except as otherwise expressly provided. All of the terms and provisions of this Fifth Supplemental Resolution shall be deemed to be a part of the terms and provisions of the Resolution, and the Resolution and this Fifth Supplemental Resolution shall be read, taken and construed as one and the same instrument. In executing or authenticating any Bond authorized by this Fifth Supplemental Resolution the Trustee and each officer, agent or employee of the University shall be entitled to all of the privileges and immunities afforded to them under the terms of the Resolution.

SECTION 3.4. *Resolution Effective on Passage.* This resolution shall become effective upon its passage.

STATE OF ILLINOIS }
COUNTY OF CHAMPAIGN } ss.

I, _____, do hereby certify that I am the duly elected, qualified and acting Secretary of The Board of Trustees of the University of Illinois, and as such official have charge and custody of the minutes and records of said Board of Trustees.

I further certify that the attached resolution is a true, correct and exact copy of the original resolution adopted by The Board of Trustees of the University of Illinois at its legally convened meeting held on the 24th day of May, 1962, all as appears of record in my office.

IN WITNESS WHEREOF I have hereunto set my hand and the seal of said University this _____ day of _____, 19_____.

Secretary as aforesaid.

NATIONAL SCIENCE FOUNDATION GRANT TO IMPROVE SCHOOL MATHEMATICS

(36) The University has for the past ten years conducted research and experimentation in the development of new curriculum and teaching methods for school mathematics under the supervision of the University of Illinois Committee on School Mathematics. Thus far the work has been concentrated on Grades 9 through 12.

The National Science Foundation has now offered the University \$385,820 to develop and experiment with a new curriculum for Grades 7 through 12. These funds would also provide for completion of a series of teacher-training films and experimentation for program instruction.

A condition of the grant is: "Income derived from rents or royalties, or from the sale of books, films, patents, or other property rights conceived or developed under this grant shall be kept by the grantee in a separate account and shall be utilized by the grantee in ways approved or determined by the Foundation."

The Dean of the College of Education, the Chairman of the University Research Board, the Executive Vice-President and Provost, and the Vice-President and Comptroller recommend that this grant be accepted. I concur, subject to further action by the Board of Higher Education of Illinois.

On motion of Mrs. Watkins, this recommendation was approved.

GIFT FROM ROBERT R. McCORMICK CHARITABLE TRUST FOR STUDENT REHABILITATION CENTER

(37) The Trustees of the Robert R. McCormick Charitable Trust have made a grant of \$100,000 to the University for the Student Rehabilitation Center. I have accepted this grant on behalf of the University and recommend that it be applied on the construction of the Medical Services Unit of the proposed Rehabilitation Center, and that the Unit be named for the late Colonel Robert R. McCormick.

The earmarking of the grant for the Medical Services Unit meets with the approval of the Trustees of the Robert R. McCormick Charitable Trust.

On motion of Mr. Williamson, these recommendations were approved.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations and declinations; (4) leaves of absence; (5) cancellation of sabbatical leave of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ABRAMS, MRS. ISABEL S., Assistant in Biological Sciences (Chicago Undergraduate Division), February 1-June 15, 1962, \$2,100 (4-16-62).

- ARMSTRONG, JAMES W., Instructor in Mathematics, academic year beginning September 1, 1962, \$6,800 (5-7-62).
- AUTH, LEO V., JR., Instructor in Electrical Engineering, Summer Session of 1962, June 18-August 11, 1962, \$1,512 for the period (4-16-62).
- BABB, DANIEL S., Professor of Electrical Engineering (C), two months from June 16, 1962, \$1,175 a month; this is in addition to his present appointment (4-16-62).
- BALDWIN, S. W., JR., Instructor in Spanish, academic year beginning September 1, 1962, \$6,300 (5-7-62).
- BARNES, LESTER E., JR., Assistant in Management, Summer Session of 1962, June 18-August 11, 1962, \$993 for the period, supersedes previous Summer Session appointment (4-23-62).
- BARRETTE, PAUL E., Instructor in French, academic year beginning September 1, 1962, \$6,400 (5-7-62).
- BAUMAN, PHILIP A., Assistant Professor of Electrical Engineering, Summer Session of 1962, June 18-August 11, 1962, \$1,600 for the period, supersedes previous Summer Session appointment (4-16-62).
- BEBERMAN, MAX, Professor of Education (University High School), June 18-August 11, 1962, \$3,078; this is in addition to his present appointment (4-23-62).
- BERGER, RICHARD A., Instructor in Physical Education for Men, Summer Session of 1962, ¼ time, June 18-August 11, 1962, \$334 for the period, supersedes previous Summer Session appointment (4-9-62).
- BLOSTEIN, RHODA, Research Associate in Chemistry, seven months from February 1, 1962, \$6,000 a year (4-6-62).
- BRADLEY, WAYNE E., Research Assistant in the State Water Survey, one year from July 1, 1962, \$6,000 (4-23-62).
- BRAUN, LUCILLE V., Instructor in Spanish, Summer Session of 1962, June 18-August 11, 1962, \$1,334 for the period (4-16-62).
- BROGHAMER, EDWARD L., Professor of Mechanical Engineering (C), two months from June 16, 1962, \$1,190 a month; this is in addition to his present appointment (4-16-62).
- BROWN, O. ROBERT, JR., Research Assistant in Education (University High School), June 18-August 11, 1962, \$1,333 (4-23-62).
- BUCKERIDGE, BYRON, Visiting Lecturer in Education, Summer Session of 1962, June 18-August 11, 1962, \$1,900 for the period (4-9-62).
- BUCKNELL, BARBARA J., Instructor in French, academic year beginning September 1, 1962, \$6,200 (5-7-62).
- CANNINGS, BARBARA C., Instructor in French, academic year beginning September 1, 1962, \$6,000 (5-7-62).
- CODDINGTON, MRS. BERTHA M., Commerce and Sociology Library Assistant in the Library, with rank of Instructor, two months from July 1, 1962, \$508.33 a month (4-9-62).
- COFFEY, ROBERT E., Assistant in Executive Development Center, College of Commerce and Business Administration, June 18-August 11, 1962, \$444.44 a month (4-23-62).
- COLE, EDWARD C., Instructor in English, academic year beginning September 1, 1962, \$6,300 (5-7-62).
- COSTELLO, GEORGE A., Assistant Professor of Theoretical and Applied Mechanics, ½ time, Summer Session of 1962, June 18-August 11, 1962, \$900 for the period (4-16-62).
- CRUMLISH, BRIAN J., Research Associate in Small Homes Council-Building Research Council, six months from April 16, 1962, \$1,000 a month (5-7-62).
- DACHOWSKI, MARJORIE M., Clinical Counselor in the Student Counseling Service, with rank of Instructor, ½ time, five months from April 1, 1962, \$304.16 a month, supersedes (4-9-62).
- DANIELZADEH, ALBERT, Research Assistant in Biological Chemistry (Medicine), April 1-June 15, 1962, \$408.33 a month, supersedes (4-23-62).
- DE LEY, HERBERT C., JR., Instructor in French, academic year beginning September 1, 1962, \$6,000 (5-7-62).
- DEMOS, RALPH D., Professor of Microbiology, two months from June 16, 1962, \$1,344.44 a month; this is in addition to his present appointment (4-16-62).
- DIPERT, ARNOLD W., Instructor in Electrical Engineering, Summer Session of 1962, ½ time, June 18-August 11, 1962, \$534 for the period (4-16-62).

- DIXON, ROBERT D., Instructor in Mathematics, academic year beginning September 1, 1962, \$7,600 (5-7-62).
- EAGON, JOHN A., Instructor in Mathematics, academic year beginning September 1, 1962, \$7,200 (5-7-62).
- EDWARDS, BRUCE E., Assistant Professor of Economics, Summer Session of 1962, $\frac{1}{2}$ time, June 18-August 11, 1962, \$867 for the period (4-30-62).
- ENGELBRECHT, RICHARD S., Professor of Sanitary Engineering (Civil Engineering), Summer Session of 1962, $\frac{1}{2}$ time, June 18-August 11, 1962, \$1,278 for the period, supersedes previous Summer Session appointment (4-30-62).
- EWING, BEN B., Professor of Sanitary Engineering (Civil Engineering), Summer Session of 1962, $\frac{1}{2}$ time, June 18-August 11, 1962, \$1,112 for the period (4-30-62).
- FERGUSON, W. EUGENE, Visiting Assistant Professor of Education (University High School), June 18-August 11, 1962, \$2,600 (4-23-62).
- FITCH, BRIAN T., Instructor in French, academic year beginning September 1, 1962, \$6,600 (5-7-62).
- FLORES, JOSEPH S., Associate Professor of Spanish (College of Education), $\frac{1}{2}$ time, June 18-August 11, 1962, \$1,100; this is in addition to his present appointment and to his $\frac{1}{2}$ time Summer Session appointment (4-30-62).
- FULTON, ROBERT E., Assistant Professor of Civil Engineering, Summer Session of 1962, $\frac{1}{4}$ time, June 18-August 11, 1962, \$400 (4-30-62).
- GERBER, QUENTIN N., Instructor in Accountancy, $\frac{1}{2}$ time, academic year beginning September 1, 1962, \$2,400 (4-30-62).
- GIORDANO, CHARLES B., Instructor in German, academic year beginning September 1, 1962, \$6,000 (5-7-62).
- GRUNER, BARBARA J., Research Assistant in the State Water Survey, one year from July 1, 1962, \$4,900 (4-23-62).
- GUNNAR, ROLF M., Assistant Professor of Medicine (Medicine), 9/10 time, two months from July 1, 1962, \$1,125 a month, supersedes (4-9-62).
- GUPTA, KINKAR P., Research Associate in Mining, Metallurgy, and Petroleum Engineering (C), five months from April 1, 1962, \$583.33 a month, supersedes (5-7-62).
- HADJIOANNOU, THEMISTOCLES P., Assistant Professor of Chemistry (Pharmacy), academic year beginning September 1, 1962, \$8,000 (4-23-62).
- HALE, WILLIAM T., Assistant in Education (University High School), June 18-August 25, 1962, \$2,140 (4-23-62).
- HALL, WILLIAM J., Professor of Civil Engineering, Summer Session of 1962, $\frac{1}{2}$ time, June 18-August 11, 1962, \$1,389 for the period, supersedes previous Summer Session appointment (4-30-62).
- HAMILTON, SAMUEL L., Clinical Instructor in Surgery (Medicine), five months from April 1, 1962, without salary (4-23-62).
- HARRIS, JOSEPH B., Instructor in English (Division of Business English), academic year, beginning September 1, 1962, \$5,000 (5-7-62).
- HENDRIX, GERTRUDE, Research Assistant Professor of Education (University High School) June 18-August 11, 1962, \$2,445; this is in addition to her present appointment (4-23-62).
- HOLMES, ALLEN, Assistant in Education (University High School), June 18-August 11, 1962, \$1,112 (4-23-62).
- HOTTINGER, WILLIAM L., Instructor in Physical Education for Men, Summer Session of 1962, $\frac{1}{4}$ time, June 18-August 11, 1962, \$339 for the period, supersedes his previous Summer Session appointment (4-9-62).
- HUBSON, PAUL K., Assistant Professor of Electrical Engineering, Summer Session of 1962, $\frac{1}{2}$ time, June 18-August 11, 1962, \$1,000 for the period (4-16-62).
- JAMES, EMORY A., JR., Research Associate in Biological Chemistry (Medicine), five months from April 1, 1962, \$625 a month (4-9-62).
- JENSEN, LLOYD, Instructor in Political Science, academic year beginning September 1, 1962, \$6,500 (5-7-62).
- JOHNSON, CHARLES E., Associate Professor of Education, June 18-August 11, 1962, \$2,045; this is in addition to his present appointment (4-30-62).
- KAUFMANN, U. MILO, Instructor in English, academic year beginning September 1, 1962, \$6,600 (5-7-62).
- KAY, JACK G., Instructor in Chemistry, Summer Session of 1962, June 18-August 11, 1962, \$1,512 for the period (4-23-62).

- KILBRIDE, BERNARD J., Instructor in Finance, Summer Session of 1962, June 18-August 11, 1962, \$1,667 for the period (4-9-62).
- KLEIN, KURT, Assistant Professor of Russian, Summer Session of 1962, June 18-August 11, 1962, \$1,756 for the period, supersedes previous Summer Session appointment (4-9-62).
- KOWN, BONG T., Research Assistant in Civil Engineering (S), May 1-June 15, 1962, \$466.67 a month (5-7-62).
- KRISHNAMURTHY, VISVANATHA, Instructor in Mathematics, academic year beginning September 1, 1962, \$6,000 (5-7-62).
- KULIS, JOHN C., Clinical Instructor in Medicine (Medicine), 15/100 time, four months from May 1, 1962, \$87.50 a month (4-16-62).
- LACROIX, YVES, Assistant Professor of Civil Engineering, Summer Session of 1962, ½ time, June 18-August 11, 1962, \$723 for the period (4-30-62).
- LARSON, BERNT O., Professor of General Engineering (C), ¾ time, June 25-August 3, 1962, \$1,900; this is in addition to his present appointment (4-16-62).
- LEHMANN, JOHN R., Instructor in Electrical Engineering, Summer Session of 1962, ½ time, June 18-August 11, 1962, \$712 for the period (4-16-62).
- LIM, CHUN Soo, Research Assistant in the State Water Survey, one year from July 1, 1962, \$5,200 (4-23-62).
- LONG, CHESTER C., Instructor in Speech and Theatre, academic year beginning September 1, 1962, \$7,000 (5-7-62).
- LUNN, HUEY N., Instructor in Accountancy, ½ time, academic year beginning September 1, 1962, \$2,500 (4-30-62).
- LYMAN, ELISARETH R., Research Assistant Professor in the Coordinated Science Laboratory (C), ¾ time, four months from May 1, 1962, \$5,963 a year, supersedes (4-27-62).
- MADDEN, DIANA M., Research Assistant in Chemistry, March 16-August 31, 1962, \$433.33 a month (4-16-62).
- MARSTON, HOWARD, Visiting Assistant Professor of Education (University High School), June 18-August 11, 1962, \$2,000 (4-23-62).
- MCCOY, M. ELEANOR, Research Assistant Professor of Education (University High School), June 18-August 11, 1962, \$2,223. This is in addition to her present appointment (4-23-62).
- McMILLEN, AUGUSTA J., Visiting Lecturer in the University Theatre, Summer Session of 1962, ½ time, June 18-August 11, 1962, \$1,000 for the period (4-16-62).
- McMILLEN, WILLIAM E., Visiting Lecturer in Speech and Theatre, Summer Session of 1962, ½ time, June 18-August 11, 1962, \$1,000 for the period (4-16-62).
- MUELLER, EUGENE A., Research Associate in the State Water Survey, one year from July 1, 1962, \$10,300 (4-23-62).
- NARASIMHAN, RANGASWAMY, Research Associate in the Digital Computer Laboratory, two months from June 16, 1962, \$722.22 a month (5-7-62).
- NEVILLE, DONALD C., Assistant to the Director of Physical Plant (Administration), six months from March 1, 1962, \$10,000 a year, supersedes (4-9-62).
- NISHIDA, YOSHIRO, Research Assistant in Physiology, one year from March 15, 1962, \$5,400 (4-9-62).
- PATTON, FRANKLIN D., Assistant in Geology, Summer Session of 1962, June 18-August 11, 1962, \$889 for the period (4-23-62).
- PEARSON, JOHN E., Professor of General Engineering (C), two months from June 16, 1962, \$2,533.33; this is in addition to his present appointment (4-16-62).
- PENEV, LUBEN C., Clinical Instructor in Medicine (Medicine), 15/100 time, four months from May 1, 1962, \$87.50 a month (4-9-62).
- POTTLE, CHRISTOPHER, Research Assistant Professor of Electrical Engineering, Department of Electrical Engineering, and Coordinated Science Laboratory (C), to render service during the second semester of the academic year, March 1-August 31, 1962, \$3,900, supersedes (4-13-62).
- RAPPAPORT, ALFRED, Instructor in Accountancy, ½ time, academic year beginning September 1, 1962, \$2,400 (4-30-62).
- RESEK, LOIS D., Research Assistant in the State Water Survey, one year from July 1, 1962, \$5,200 (4-23-62).
- RIESTRA, MIGUEL A., Visiting Lecturer in Education, June 18-August 11, 1962, \$1,870 (4-30-62).

- ROBINSON, ARTHUR R., Associate Professor of Civil Engineering, Summer Session of 1962, $\frac{1}{4}$ time, June 18-August 11, 1962, \$539 for the period, supersedes previous Summer Session appointment (4-30-62).
- RUOTSALA, ALBERT P., Assistant in Civil Engineering (Summer Surveying Camp), Summer Session of 1962, June 18-August 25, 1962, \$1,625 for the period (4-30-62).
- RUUD, MILLARD H., Visiting Lecturer in Law, Summer Session of 1962, June 18-August 11, 1962, \$3,000 for the period (4-23-62).
- RYDER, WALTER R., Assistant in Industrial Engineering (C), February 1-June 15, 1962, \$444.44 a month, supersedes (4-23-62).
- SAAD, EDWARD, Residence Hall Counselor, University of Illinois at the Medical Center, 15/100 time, October 27, 1961-June 15, 1962, \$566.63, supersedes (4-9-62).
- SHAH, MAHENDRA H., Research Assistant in the Office of Instructional Research, three months from June 16, 1962, \$1,335 (4-27-62).
- SHERBERT, DONALD R., Instructor in Mathematics, academic year beginning September 1, 1962, \$6,500 (5-7-62).
- SIMON, JOSEPH, Professor of Veterinary Pathology and Hygiene (College of Veterinary Medicine) and of Veterinary Research (Agricultural Experiment Station), four months from May 1, 1962, \$1,083.33 a month (4-13-62).
- SMITH, HOBART M., Professor of Zoology, Summer Session of 1962, June 18-August 11, 1962, \$2,778 for the period (4-30-62).
- SNYDER, HAROLD R., Associate Dean of the Graduate College, two months from June 16, 1962, \$3,645; this is in addition to his present appointment (4-9-62).
- SOHN, DAVID M., Instructor in Oral and Maxillofacial Surgery (Dentistry), $\frac{1}{5}$ time, \$1,400 a year, and Clinical Instructor in Surgery (Medicine), without salary, five months from April 1, 1962, (4-23-62).
- STATTFIELD, MRS. MERRIE J., Research Assistant in the State Water Survey, one year from July 1, 1962, \$5,400 (4-23-62).
- STEWART, DONALD C., Instructor in English, academic year beginning September 1, 1962, \$6,300 (5-7-62).
- STORM, GERALD L., Field Ecologist in the Illinois Natural History Survey, April 18-August 31, 1962, \$450 a month (4-23-62).
- TORT, MRS. FERDINA J. C., Instructor in Foreign Languages (Chicago Undergraduate Division), Summer Session of 1962, $\frac{2}{3}$ time, June 22-August 17, 1962, \$919 for the period (4-23-62).
- VAN HARN, GORDON L., Visiting Lecturer in Physiology, Summer Session of 1962, June 18-August 11, 1962, \$1,600 for the period (4-23-62).
- VAUGHAN, HERBERT E., Professor of Education (University High School), June 18-August 11, 1962, \$2,778 for the period; this is in addition to his present appointment (4-23-62).
- WATANABE, TAKESI, Visiting Research Associate in Mathematics, nine months from September 16, 1962, \$5,000 (4-23-62).
- WILLS, HERBERT, Research Associate in Education (University High School), June 18-August 11, 1962, \$1,889; this is in addition to his present appointment (4-23-62).
- WOLFE, MARTIN, Research Associate in Education (University High School), June 18-August 11, 1962, \$1,289; this is in addition to his present appointment (4-23-62).
- WOLFE, MRS. SHARON, Research Assistant in the Institute of Communications Research, April 15-May 31, 1962, \$444.44 a month, supersedes (4-27-62).
- WRIGHT, RAMIL C., Assistant in Geology, Summer Session of 1962, June 18-August 11, 1962, \$889 for the period (4-23-62).
- YNTEMA, MARY K., Assistant in Education (University High School), June 18-August 11, 1962, \$889 (4-23-62).
- YOSHIKAWA, HIROSHI, Research Associate in Microbiology, six months from March 1, 1962, \$7,000 a year, supersedes (4-23-62).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- ABDELLA, MRS. G. A. CHRISTINA, Fellow in French, two months from June 16, 1962, \$375 (4-19-62).

- ABDUL-BAKI, AREF A., Fellow in Horticulture, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- ABEL, WILLIAM R., Fellow in Physics, nine months from September 16, 1962, \$1,800 (3-30-62).
- ADLONG, DONALD W., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$5,310 (4-20-62).
- AGASHE, SADANAND D., General Electric Foundation Fellow in Electrical Engineering, nine months from September 16, 1962, \$2,500 (4-16-62).
- AHRENKIEL, RICHARD K., General Atomic/General Dynamics Corporation Fellow in Physics, eleven months from September 1, 1962, \$2,500 (4-5-62).
- ANDERSON, JOHN F., National Science Foundation Summer Fellow in Entomology, June 16-September 7, 1962, \$900 (4-19-62); and Fellow in Entomology, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- ASHCRAFT, MICHAEL B., Fellow in Art, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- ASIK, JOSEPH R., Union Carbide Corporation Fellow in Physics, nine months from September 16, 1962, \$2,100 (4-5-62).
- ASPINES, DAVID E., National Science Foundation Cooperative Fellow in Physics, nine months from September 16, 1962, \$1,800 (4-19-62).
- AVNER, RICHARD A., National Science Foundation Cooperative Fellow in Psychology, one year from September 1, 1962, \$2,400 (4-19-62).
- AYEN, RICHARD J., Monsanto Chemical Company Fellow in Chemical Engineering, eleven months from September 16, 1962, \$2,300 (4-10-62).
- BAHR, DONALD M., Fellow in Anthropology, nine months from September 16, 1962, \$2,000, and two months from June 16, 1962, \$500 (3-30-62).
- BAILEY, ALVIN C., Fellow in Agricultural Engineering, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- BAKER, ROBERT J., JR., Edward Orton Jr., Ceramic Foundation Fellow in Ceramic Engineering, nine months from September 16, 1962, \$1,500 (4-1-62).
- BARDOS, ANDRAS M., Fellow in Physics, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$450 (3-30-62).
- BARRY, MRS. LYNETTE F., Fellow in English, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- BASS, JACK, Raytheon Company Fellow in Physics, nine months from September 16, 1962, \$2,300 (4-5-62).
- BAULING, DOUGLAS B., Fellow in Agricultural Engineering, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).
- BECK, ROGER L., Fellow in the Classics, nine months from September 16, 1962, \$1,167, and two months from June 16, 1963, \$375 (3-30-62).
- BEERS, GEORGE, National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$5,310 (4-20-62).
- BELL, HAROLD L., Fellow in Political Science, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- BETZ, THOMAS W., National Science Foundation Summer Fellow in Zoology, June 16-September 7, 1962, \$900 (4-19-62).
- BEYLE, THAD L., Therese Garner Fellow in Political Science, nine months from September 16, 1962, \$2,000 (4-1-62).
- BHAGAVAN, HEMMIGE N., Wright Fellow in Animal Science, nine months from September 16, 1962, \$1,500 (4-1-62).
- BLOSTEIN, RHODA, Postdoctoral Fellow (Trainee) in Chemistry, five months from September 1, 1961, \$6,000 a year (4-6-62).
- BOLINE, DERRALD D., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$5,310 (4-20-62).
- BONHAM, JERRY L., Fellow in Political Science, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- BORNHOFEN, JOHN O., National Science Foundation Summer Fellow in Economics, June 16-September 7, 1962, \$900 (4-19-62); and Fellow in Economics, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- BOSTIC, DOYLE L., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$4,170 (4-20-62).

- BOWERS, MICHAEL T., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- BRADLEY, JEROME D., National Science Foundation Cooperative Fellow in Agricultural Engineering, one year from September 1, 1962, \$2,400 (4-19-62).
- BRANCAFORTE, BENITO, Fellow in Spanish, two months from June 16, 1962, \$375 (4-19-62).
- BRAROE, NIELS W., Fellow in Anthropology, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- BREWER, STEPHANIE B., Fellow in Mathematics, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- BRINTON, GARY B., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$4,170 (4-20-62).
- BRITTAIN, THOMAS M., Fellow in Mechanical Engineering, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-65).
- BROCK, JARRETT E., Fellow in Philosophy, two months from June 16, 1962, \$375 (4-19-62).
- BROCKMEYER, ROGER L., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$4,740 (4-20-62).
- BRODY, ROBERT, Fellow in Spanish, nine months from September 16, 1962, \$2,000 (3-30-62).
- BROWN, IRENE V., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$4,740 (4-20-62).
- BROWN, ROGER L., Fellow in Communications, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- BRYANT, JOE K., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$5,880 (4-20-62).
- BUCKSON, RODNEY L., National Science Foundation Summer Fellow in Chemistry, June 16-August 10, 1962, \$600 (4-19-62).
- BUTTERFIELD, BRUCE A., Knox College Fellow in Russian, nine months from September 16, 1962, \$1,500 (4-1-62).
- CAMPRELL, JOHN M., National Science Foundation Summer Fellow in Entomology, June 16-September 7, 1962, \$900 (4-19-62); and Fellow in Entomology, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- CARLSON, ALAN R., Charles E. Merriam Fellow in Political Science, nine months from September 16, 1962, \$1,500 (4-25-62).
- CARLSON, RONALD H., Corning Glass Works Fellow in Chemistry, eleven months from September 15, 1962, \$2,500 (4-25-62).
- CARNIGHAN, ROBERT H., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- CHAMBERS, HAZEL M., Fellow in the Jane Addams Graduate School of Social Work, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- CHEN, WELLINGTON P., Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- CHILTON, WILLIAM S., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- CHRISPEELS, MAARTEN J., Fellow in Agronomy, nine months from September 16, 1962, \$1,800, and two months from June 16, 1962, \$600 (3-30-62).
- CHUA, LEON O., Fellow in Electrical Engineering, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).
- CLARK, LARRY D., Fellow in Speech, two months from June 16, 1962, \$375 (4-19-62).
- CLARKE, ROBERT W., Fellow in Accountancy, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).
- CLARKSON, DAVID M., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$5,310 (4-20-62).
- CLEM, JOHN R., Fellow in Physics, nine months from September 16, 1962, \$1,800, and two months from June 16, 1962, \$450 (3-30-62).
- COFFEY, ROBERT E., Fellow in Business, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).

- COGAN, MRS. BARBARA G., Fellow in Music, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- COHEN, LEONARD S., National Science Foundation Cooperative Fellow in Chemical Engineering, one year from June 16, 1962, \$2,400 (4-19-62).
- COLACURCIO, MICHAEL J., JR., Fellow in English, two months from June 16, 1962, \$375 (4-19-62).
- COLLINS, MR. JACQUELIN, Fellow in History, two months from June 16, 1962, \$375 (4-19-62).
- CORDERO, RONALD A., Fellow in Philosophy, nine months from September 16, 1962, \$2,000, and two months from June 16, 1962, \$500 (3-30-62).
- CORUM, JAMES M., Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1962, \$1,500 (3-30-62).
- COVERDALE, CHARLES E., National Science Foundation Summer Fellow in Chemistry, June 16-August 10, 1962, \$600 (4-19-62); and Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- CRESSEY, WILLIAM W., Fellow in Spanish, two months from June 16, 1962, \$375 (4-19-62).
- CRILEY, BRUCE B., Fellow in Zoology, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- CRITTENDEN, BRIAN S., Fellow in Education, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- CROTHAMEL, DAVID A., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$5,310 (4-20-62).
- CROW, LOWELL T., National Science Foundation Summer Fellow in Psychology, June 16-September 7, 1962, \$900 (4-19-62).
- CURRIS, CONSTANTINE W., Fellow in Political Science, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- DAIGH, CHARLES F., Fellow in German, nine months from September 16, 1962, \$1,416 (3-30-62).
- DALEY, LAWRENCE J., Fellow in Music, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).
- DAOUD, HANNA N., Fellow in Food Technology, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- DAPOGNY, JAMES E., Fellow in Music, nine months from September 16, 1962, \$1,500 (3-30-62).
- DAVIS, EMILE M., United States Public Health Service Postdoctoral Fellow (Trainee) in Dentistry (University of Illinois at the Medical Center), one year from April 1, 1962, \$5,500, supersedes (4-27-62).
- DAVIS, GEORGE C., JR., Lilly Endowment Fellow in History, one year from July 1, 1962, \$2,500 (3-30-62).
- DAVIS, HARVEY S., National Science Foundation Summer Fellow in Mathematics, June 16-August 10, 1962, \$600 (4-19-62).
- DAVIS, ROBERT D., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$3,600 (4-20-62).
- DEBOEVER, JOZEF, University Fellow in Dairy Science, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (4-12-62).
- DE RYCKE, ROBERT M. E., Fellow in French, two months from June 16, 1962, \$375 (4-19-62).
- DEVITO, JOSEPH A., Fellow in Speech, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- DOCKRILL, MICHAEL L., Fellow in History, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- DONOGHUE, JOHN T., Fellow in Chemistry, nine months from September 16, 1962, \$1,800 (3-30-62).
- DONOGHUE, JOHN T., Fellow in Physics, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$450 (3-30-62).
- DOUGLAS, STEPHEN A., James W. Garner Fellow in Political Science, nine months from September 16, 1962, \$2,000 (4-1-62).
- DOYLE, ELLA A., Zeta Phi Eta Fellow in Speech, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).

- DRAPER, MILTON A., United States Public Health Service Fellow (Trainee) in Physiology (University of Illinois at the Medical Center), March 26-June 30, 1962, \$490, supersedes (4-5-62).
- DUNKIN, MICHAEL J., Fellow in Education, nine months from September 16, 1962, \$1,500 (3-30-62).
- DUNN, HOWARD E., Phillips Petroleum Company Fellow in Chemistry, nine months from September 16, 1962, \$2,000 (4-25-62).
- DURAND, DAVID A., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- EBNER, CHARLES A., Fellow in Physics, nine months from September 16, 1962, \$2,000 (3-30-62).
- EISNER, JACOB M., Fellow in Labor and Industrial Relations, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).
- EWEN, ROBERT B., Fellow in Psychology, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- FAGAN, JAMES E., Fellow in Art, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- FAHRNKOPF, NANCY J., Fellow in Political Science, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- FAILON, KEITH A., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$4,740 (4-20-62).
- FARMER, MELVIN L., Standard Oil Company of California Fellow in Chemistry, nine months from September 16, 1962, \$2,400 (4-25-62).
- FENNER, GLORIA J., National Science Foundation Summer Fellow in Anthropology, June 16-September 7, 1962, \$900 (4-19-62).
- FERCHEN, FREMONT C., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$5,310 (4-20-62).
- FERNANDES, FRED D., Fellow in Aeronautical and Astronautical Engineering, February 1-June 15, 1963, \$750, and two months from June 16, 1963, \$375 (3-30-62).
- FETHE, CHARLES B., Fellow in Philosophy, nine months from September 16, 1962, \$2,000 (3-30-62).
- FICENEC, JOHN R., Fellow in Physics, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$450 (3-30-62).
- FISHER, FARLEY, National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1962, \$2,400 (4-19-62).
- FISHER, THOMAS H., Union Carbide Corporation Fellow in Chemistry, nine months from September 16, 1962, \$2,100 (4-25-62).
- FITES, ROGER C., Wright Fellow in Agronomy, nine months from September 16, 1962, \$1,500 (4-1-62).
- FORD, FREDERICK E., Fellow in Chemical Engineering, September 16, 1962-January 31, 1963, \$900, and two months from June 16, 1962, \$375 (3-30-62).
- FORRESTER, ROBERT A., Fellow in Architecture, two months from June 16, 1962, \$375 (4-19-62).
- FOYS, ROBERT M., Fellow in English, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- FRAEMBS, FRANK A., Fellow in Entomology, two months from June 16, 1962, \$375 (4-19-62).
- FRANCIS, MRS. MARY I., Fellow in Education, two months from June 16, 1962, \$375 (4-19-62).
- FRAZER, WILLIAM D., Fellow in Digital Computer Laboratory, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- FRIEDLAND, JOAN M., United States Public Health Service Fellow (Trainee) in Biophysics, one year from September 16, 1962, \$2,666 (3-30-62).
- FRIEDMAN, MARGARET J., Fellow in Anthropology, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- FUJIWARA, JOHN Y., Fellow in Architecture, two months from June 16, 1962, \$375 (4-19-62).
- FULLAGAR, PAUL D., Shell Company Foundation Fellow in Geology, nine months from September 16, 1962, \$2,100 (4-1-62).

- FULLER, ROBERT G., National Science Foundation Summer Fellow in Physics, June 16-August 10, 1962, \$600 (4-19-62).
- GAAL, JAMES C., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- GAGLIANO, FELIX V., JR., Fellow in Political Science, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- GARGANIGO, JOHN F., Fellow in Spanish, two months from June 16, 1962, \$375 (4-19-62).
- GARVIN, FRANK G., JR., Fellow in English, two months from June 16, 1962, \$375 (4-19-62).
- GAUDETTE, HENRI E., Fellow in Geology, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- GENIURY, ROBERT L., Millikin University Fellow in Finance, nine months from September 16, 1962, \$1,500 (3-30-62).
- GEOGHEGAN, PATRICK M., Fellow in English, two months from June 16, 1962, \$375 (4-19-62).
- GEORGE, JAMES E., Illinois Chemical Industries Summer Fellow, two months from June 16, 1962, \$500 (4-20-62); and Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- GILBERT, NORMAN S., Fellow in Education, two months from June 16, 1962, \$375 (4-19-62).
- GLASS, MATTHEWS I., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$4,740 (4-20-62).
- GOERING, KATHRYN M., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$3,600 (4-20-62).
- GOLD, LLOYD A., Fellow in Music, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- GORDON, WALTER R., Fellow in Geology, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- GREENBERG, CHARLES B., Lead Industries Association Fellow in Ceramic Engineering, nine months from September 16, 1962, \$2,000 (4-1-62).
- GREENLEAF, JOHN E., National Science Foundation Summer Fellow in Physiology, June 16-September 7, 1962, \$900 (4-19-62).
- GROTZINGER, LAUREL A., Fellow in Library Science, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- GRUBERG, EDWARD R., Fellow in Electrical Engineering, two months from June 16, 1962, \$375 (4-19-62).
- GUERRIERO, ANDREW J., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$3,600 (4-20-62).
- GUILLOTTE, HENRY P., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$5,880 (4-20-62).
- GUPTA, BRAJENDRA K., Fellow in Civil Engineering, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- GUR-ARIEH, CHAIM, Fellow in Food Technology, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- GUTMAN, DAVID, National Science Foundation Summer Fellow in Chemistry, June 16-September 7, 1962, \$900 (4-19-62); and Sun Oil Fellow in Chemistry, nine months from September 16, 1962, \$2,300 (4-25-62).
- HAGGSTROM, GUS W., National Science Foundation Cooperative Fellow in Mathematics, one year from September 1, 1962, \$2,400 (4-19-62).
- HALEY, KENNETH W., National Science Foundation Cooperative Fellow in Chemical Engineering, one year from June 16, 1962, \$2,400 (4-19-62).
- HARDY, LINDA, Fellow in Chemistry, two months from June 16, 1962, \$375 (4-19-62).
- HARPER, GOIN N., National Science Foundation Summer Fellow in Civil Engineering, June 16-September 7, 1962, \$900 (4-19-62).
- HARRISON, WILLARD W., Corning Glass Works Summer Fellow in Chemistry, two months from June 16, 1962, \$500 (4-25-62).
- HAUCK, RICHARD B., Fellow in English, two months from June 16, 1962, \$375 (4-19-62).
- HAY, ARTHUR J., National Science Foundation Summer Fellow in Chemistry, June 16-September 7, 1962, \$900 (4-19-62).

- HAYENGA, MARVIN L., Fellow in Agricultural Economics, nine months from September 16, 1962, \$2,000, and two months from June 16, 1962, \$500 (3-30-62).
- HEAGARTY, MARY A., Fellow in English, two months from June 16, 1962, \$375 (4-19-62).
- HEALEY, JOHN J., Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).
- HEATH, MRS. KATHLEEN F. S., Fellow in Physical Education, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- HEBERT, PAUL D., Fellow in History, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- HEIDORN, ROBERT D., Fellow in Political Science, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- HEILES, WILLIAM H., Fellow in Music, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- HENRY, ARTHUR C., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- HENRY, CHARLES H., National Science Foundation Cooperative Fellow in Physics, one year from June 16, 1962, \$2,400 (4-19-62).
- HERLOCKER, DAVID W., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- HERRON, ROBERT E., Fellow in Physical Education for Men, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- HERSTAND, THEODORE, Fellow in Speech, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- HICKS, GEORGE L., JR., Fellow in Anthropology, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- HIERONYMUS, NORA G., Fellow in Music, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- HILL, ELIZABETH J., Fellow in Health Education, two months from June 16, 1962, \$375 (4-19-62).
- HILL, JAMES L., National Science Foundation Cooperative Fellow in Theoretical and Applied Mechanics, one year from September 1, 1962, \$2,400 (4-19-62).
- HODGE, JOHN E., Fellow in History, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- HODGES, CHARLES E., Fellow in English, two months from June 16, 1962, \$375 (4-19-62).
- HOEKMAN, THEODORE B., United States Public Health Service Fellow (Trainee) in Biophysics, one year from June 16, 1962, \$2,666 (3-30-62).
- HOLLINGSWORTH, CLARK D., Fellow in Accountancy, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- HOLMEN, ROBERT L., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$4,740 (4-20-62).
- HOLMES, ROBERT P., Fellow in Architecture, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- HOLTAN, BOYD D., Fellow in Education, two months from June 16, 1962, \$375 (4-19-62).
- HOSKEN, WESLEY E., Sloan Foundation Faculty Development Teaching Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1962, \$2,400 (4-1-62).
- HOWARD, LAWRENCE C., JR., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$3,600 (4-20-62).
- HSIAO, THEODORE C., National Science Foundation Cooperative Fellow in Agronomy, nine months from September 16, 1962, \$1,800 (4-19-62).
- HUBBARD, DOROTHY L., Fellow in Music, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- HUFFNAGLE, JOHN D., Fellow in Economics, two months from June 16, 1962, \$375 (4-19-62).
- HUMPHREYS, SIAN, Fellow in French, two months from June 16, 1962, \$375 (4-19-62).

- HURST, DAVID O., Fellow in Chemistry, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).
- HUSEMAN, RICHARD C., Fellow in Speech, two months from June 16, 1962, \$375 (4-19-62).
- HUTSON, RICHARD E., Fellow in English, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- IMHOF, VIOLET I., National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1962, \$2,400 (4-19-62).
- INTERRANTE, LEONARD V., National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1962, \$2,400 (4-19-62).
- ISSEL, WILLIAM E., Fellow in City Planning, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- JACOBS, EDWARD M., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$4,170 (4-20-62).
- JIRSA, JAMES O., National Science Foundation Cooperative Fellow in Civil Engineering, nine months from September 16, 1962, \$1,800 (4-19-62).
- JOHNSON, LOUISE, National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$3,600 (4-20-62).
- JOHNSON, RICHARD M., Fellow in Political Science, two months from June 16, 1962, \$375 (4-19-62), nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- JOHNSON, SARAH A., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1962, \$1,800 (4-25-62).
- JONES, BARCLAY G., Fellow in Nuclear Engineering, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- JONES, MARY L., Fellow in Spanish, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- JONES, ROBERT M., Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- JOZWIAK, ROBERT L., Fellow in Education, two months from June 16, 1962, \$375 (4-19-62).
- JUAN, CYNTHIA S., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1962, \$600 (3-30-62).
- JUNG, ROBERT W., Fellow in Philosophy, two months from June 16, 1962, \$375 (4-19-62).
- KAIN, MARGARET A., National Science Foundation Summer Fellow in Botany, June 16-August 10, 1962, \$600 (4-19-62).
- KAPLAN, LEONARD, Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- KARIPIDES, ANASTAS G., National Science Foundation Cooperative Fellow in Chemistry, one year from June 16, 1962, \$2,400 (4-19-62).
- KARLIN, ARTHUR D., Fellow in Accountancy, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- KARNER, FRANK R., Fellow in Geology, two months from June 16, 1962, \$375 (4-19-62).
- KELLSTEDT, LYMAN A., Kendric C. Babcock Fellow in Political Science, nine months from September 16, 1962, \$2,000 (4-1-62).
- KENNEDY, EDWARD D., Fellow in English, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- KEPPLER, WILLIAM J., JR., Fellow in Zoology, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- KERNER, CHARLES L., JR., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$5,880 (4-20-62).
- KEYES, PAUL L., Hackett Fellow in Animal Science, nine months from September 16, 1962, \$1,500 (4-1-62).
- KIESS, HAROLD O., Fellow in Psychology, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- KILBRIDE, ELIZABETH M., Fellow in Music, two months from June 16, 1962, \$375 (4-19-62).
- KILLIAN, LARRY R., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1962, \$1,800 (4-25-62).
- KILROY, JERRE F., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$4,740 (4-20-62).

- KIME, CHARLES R., Radio Corporation of America Fellow in Electrical Engineering, nine months from September 16, 1962, \$2,100 (4-1-62).
- KLEIN, RICHARD M., National Science Foundation Summer Fellow in Chemistry, June 16-September 7, 1962, \$900 (4-19-62).
- KLIEWER, KENNETH L., United States Steel Foundation Fellow in Physics, nine months from September 16, 1962, \$2,100 (4-1-62).
- KLINE, CHRISTIANE J., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- KNIES, EARL A., Fellow in English, two months from June 16, 1962, \$375 (4-19-62).
- KOELLING, ALFRED C., Fellow in Botany, two months from June 16, 1962, \$375 (4-19-62).
- KOPPMAN, JERRY W., National Science Foundation Summer Fellow in Psychology, June 16-September 7, 1962, \$900 (4-19-62).
- KRELL, CARL W., Fellow in Accountancy, two months from June 16, 1962, \$375 (4-19-62).
- KUEHN, MRS. ELAINE K., Fellow in History, February 1-June 15, 1963, \$1,000, and two months from June 16, 1963, \$500 (4-13-62).
- KUENZ, NORBERT J., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$5,310 (4-20-62).
- KUGLER, ALFRED A., Fellow in Physics, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$450 (3-30-62).
- LABACH, WILLIAM A., National Science Foundation Summer Fellow in Mathematics, June 16-August 24, 1962, \$750 (4-19-62).
- LACSON, ANTONIO T., Fellow in Law, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (4-10-62).
- LADSON, LILLIE J., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$4,170 (4-20-62).
- LAHEY, JAMES M., Fellow in Accountancy, two months from June 16, 1962, \$375 (4-19-62).
- LANDSEA, WILLIAM F., Fellow in Finance, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- LARSEN, MERNET R., Fellow in Art, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- LARSON, ARLYN J., Fellow in Economics, two months from June 16, 1962, \$375 (4-19-62).
- LARSON, RONALD A., Fellow in Geography, two months from June 16, 1962, \$375 (4-19-62).
- LATSHAW, MIRIAM A., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$3,600 (4-20-62).
- LATTA, THOMAS M., National Science Foundation Cooperative Fellow in Chemistry, one year from June 16, 1962, \$2,400 (4-19-62).
- LAZZARO, RICHARD A., Fellow in Art, two months from June 16, 1962, \$375 (4-19-62).
- LEADBETTER, GRAHAM, Fellow in Chemistry, two months from June 16, 1962, \$375 (4-19-62).
- LEAF, MARK L., Fellow in Music, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- LEBERMANN, KENNETH W., Fellow in Food Technology, nine months from September 16, 1962, \$1,800, and two months from June 16, 1962, \$600 (3-30-62).
- LEFER, ALLAN M., National Science Foundation Summer Fellow in Physiology, June 16-September 7, 1962, \$900 (4-19-62).
- LENZI, ERNEST V., National Science Foundation Cooperative Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1962, \$1,800 (4-19-62).
- LEVIN, DONALD A., National Science Foundation Summer Fellow in Botany, June 16-September 7, 1962, \$900 (4-19-62).
- LEWIS, ORDA S., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$3,600 (4-20-62).
- LEWIS, THOMAS E., Fellow in Labor and Industrial Relations, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- LILJE, GERALD W., Fellow in Philosophy, two months from June 16, 1962, \$375 (4-19-62).

- LILLQUIST, KENNETH W., Fellow in Art, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- LONGHI, RAYMOND, National Science Foundation Summer Fellow in Chemistry, June 16-September 7, 1962, \$900 (4-19-62).
- LOOS, JAMES S., Fellow in Physics, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$450 (3-30-62).
- LUBIN, MARTIN, James W. Garner Fellow in Political Science, nine months from September 16, 1962, \$2,000 (4-10-62).
- LUCAS, KENNETH R., Fellow in Chemistry, two months from June 16, 1962, \$375 (4-19-62).
- LUNDIN, ROBERT F., Fellow in Geology, two months from June 16, 1962, \$375 (4-19-62).
- LUNDQUIST, KAREN L., Fellow in Anthropology, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- LYDY, DAVID L., Fellow in Chemistry, September 16, 1962-January 31, 1963, \$900, and two months from June 16, 1962, \$540 (4-13-62).
- LYNCH, RICHARD W., Procter and Gamble Company Fellow in Chemical Engineering, nine months from September 16, 1962, \$1,800 (4-1-62).
- MACHELE, DELWYN E., National Science Foundation Summer Fellow in Chemistry, June 16-September 7, 1962, \$900 (4-19-62); and Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- MACLEOD, ROBERT M., United States Public Health Service Fellow (Trainee) in Biophysics, one year from June 16, 1962, \$2,666 (5-1-62).
- MAH, KAI-HO, Fellow in French, two months from June 16, 1962, \$375 (4-19-62).
- MANTIK, DAVID W., Fellow in Physics, nine months from September 16, 1962, \$2,000 (3-30-62).
- MARGOLESE, BARRY J., Fellow in Civil Engineering, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- MARGULIS, MICHAEL, Fellow in Music, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- MARTIN, PRESTON K., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1962, \$600 (3-30-62).
- MATHEWS, WESLEY N., JR., National Science Foundation Cooperative Fellow in Physics, one year from September 16, 1962, \$2,400 (4-19-62).
- MATTESON, HALSEY H., National Science Foundation Cooperative Fellow in Psychology, nine months from September 16, 1962, \$1,800 (4-20-62).
- MAYER, MARY A., Fellow in Radio and Television, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- MAYFIELD, CRAIG K., Ford Postdoctoral Fellow in the Institute for Research on Exceptional Children, nine months from September 16, 1962, \$5,000 (4-16-62).
- MCCARTHY, JOSEPH G., Fellow in Electrical Engineering, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (4-12-62).
- MCCARTY, CHARLES G., Fellow in Chemistry, September 16, 1962-January 31, 1963, \$900, and two months from June 16, 1962, \$540 (4-13-62).
- MCCLELLAN, GUERRY H., National Lead Company Fellow in Geology, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (4-1-62).
- MCCORMICK, JAMES L., Union Carbide Corporation Fellow in Chemical Engineering, nine months from September 16, 1962, \$2,100 (4-1-62).
- MCDOWELL, LELAND K., Fellow in Digital Computer Laboratory, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- MCGEACHY, JOHN D., Fellow in Mechanical Engineering, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- MCGREGOR, JOHN R., Fellow in Geography, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- MCGURK, DONALD J., Roger Adams Fellow in Chemistry, nine months from September 16, 1962, \$2,000 (3-30-62).
- MCHALE, THOMAS J., National Science Foundation Summer Fellow in Psychology, June 16-September 7, 1962, \$900 (4-19-62).

- McKELLAR, ARCHIE C., Fellow in Electrical Engineering, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- McLEAN, WILLIAM R., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$4,740 (4-20-62).
- McMILLAN, MRS. JOYCE A., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1962, \$600 (3-30-62).
- McMILLAN, WILLIAM L., Xerox Corporation Fellow in Solid State Physics, nine months from September 16, 1962, \$2,000 (4-5-62).
- McNATT, JERROLD L., Wheaton College Fellow in Physics, nine months from September 16, 1962, \$1,500 (4-1-62).
- McROBERTS, JERRY W., Fellow in Art, two months from June 16, 1962, \$375 (4-19-62).
- MEADOR, PRENTICE A., JR., Fellow in Speech, two months from June 16, 1962, \$375 (4-19-62).
- MEISSNER, JUDY A., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1962, \$1,800 (4-25-62).
- MEYER, WALTER L., Sloan Foundation Faculty Development Teaching Fellow in Civil Engineering, nine months from September 16, 1962, \$2,400 (4-1-62).
- MEYERS, BARBARA E., Fellow in Music, nine months from September 16, 1962, \$1,500 (3-30-62).
- MIDDAUGH, RICHARD L., National Science Foundation Summer Fellow in Chemistry, June 16-September 7, 1962, \$900 (4-19-62).
- MILLER, LARRY L., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1962, \$600 (3-30-62).
- MILLER, MARILYN T., United States Public Health Service Fellow (Trainee) in Ophthalmology (University of Illinois at the Medical Center), May 1, 1962-June 30, 1963, \$5,500 (3-21-62).
- MILLER, WILLIAM A., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$4,740 (4-20-62).
- MINNING, LOIS E., Fellow in Mathematics, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- MINNIS, JOANNE E., Fellow in English, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- MIQUELON, MARGARET A., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$3,600 (4-20-62).
- MISCHKE, RICHARD E., National Science Foundation Cooperative Fellow in Physics, one year from September 1, 1962, \$2,400 (4-19-62).
- MISSE, FREDERICK B., JR., Fellow in History, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- MITCHELL, JAMES E., Shell Oil Company Foundation Fellow in Chemical Engineering, nine months from September 16, 1962, \$1,800 (4-1-62).
- MODE, VINCENT A., JR., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- MOORE, HARRY G., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$5,880 (4-20-62).
- MOORE, WALTER P., JR., Fellow in Civil Engineering, nine months from September 16, 1962, \$1,500 (3-30-62).
- MOSKAL, EDWARD M., Fellow in Mathematics, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- MUNDAY, JOHN C., JR., United States Public Health Service Fellow (Trainee) in Biophysics, September 16, 1962-January 31, 1963, \$1,000 (3-30-62).
- MURPHY, NEIL B., Fellow in Economics, two months from June 16, 1962, \$375 (4-19-62).
- MUSLINER, WALTER J., Sinclair Research Fellow in Chemistry, nine months from September 16, 1962, \$1,800 (4-25-62).
- MYERS, EDWINA L., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$3,600 (4-20-62).
- NANZETTA, PHILIP N., National Science Foundation Cooperative Fellow in Mathematics, one year from September 1, 1962, \$2,400 (4-19-62).
- NARASIMHAN, MRS. SITA, Fellow in English, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).

- NELSON, DARRELL W., Fellow in Agronomy, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- NELSON, WAYNE B., National Science Foundation Cooperative Fellow in Mathematics, one year from September 1, 1962, \$2,400 (4-19-62).
- NEUFELDT, LEONARD N., Fellow in English, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- NEWPORT, MARVIN G., Fellow in Business, two months from June 16, 1962, \$375 (4-19-62).
- NISS, JAMES F., Fellow in Economics, two months from June 16, 1962, \$375 (4-19-62).
- NORDMANN, CAROLANNE M., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1962, \$1,800 (4-25-62).
- O'CONNELL, JAMES W., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$5,880 (4-20-62).
- ODELL, STANLEY J., Fellow in Philosophy, two months from June 16, 1962, \$375 (4-19-62).
- OGDEN, JOHN T., Fellow in English, two months from June 16, 1962, \$375 (4-19-62).
- OLSON, ALAN W., Fellow in Electrical Engineering, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- OLSON, JOHN B., National Science Foundation Cooperative Fellow in Zoology, one year from June 16, 1962, \$2,400 (4-19-62).
- O'NEILL, WILLIAM P., National Science Foundation Cooperative Fellow in Chemistry, one year from June 16, 1962, \$2,400 (4-19-62).
- ONO, DOROTHY A. Y., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$4,740 (4-20-62).
- PALMER, MARY P., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$4,170 (4-20-62).
- PALMER, RICHARD A., Socony Mobil Fellow in Chemistry, nine months from September 16, 1962, \$2,000 (4-26-62).
- PARKHURST, MRS. CARMEN M., Fellow in Spanish, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- PATTON, FRANKLIN D., Fellow in Geology, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- PATTON, MRS. UNA L. M., Fellow in the Jane Addams Graduate School of Social Work, nine months from September 16, 1962, \$1,500 (3-30-62).
- PECORARO, GEORGE A., Owens-Corning Fiberglas Corporation Fellow in Ceramic Engineering, eleven months from September 16, 1962, \$2,100 (4-1-62).
- PEDERSEN, DARHL M., National Science Foundation Summer Fellow in Psychology, June 16-September 7, 1962, \$900 (4-19-62).
- PENNEL, CHARLES A., Fellow in English, two months from June 16, 1962, \$375 (4-19-62).
- PEREZ-ALBUERNE, EVELIO A., Fellow in Chemical Engineering, nine months from September 16, 1962, \$1,800, and two months from June 16, 1962, \$600 (3-30-62).
- PERRY, MARCIA A., Fellow in English, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- PERSHING, ROSCOE L., Fellow in Agricultural Engineering, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).
- PETERSON, DAVID M., Hackett Fellow in Agronomy, nine months from September 16, 1962, \$1,500 (4-1-62).
- PETROVICH, JOHN P., National Science Foundation Cooperative Fellow in Chemistry, nine months from September 16, 1962, \$1,800 (4-19-62); and Illinois Chemical Industries Summer Fellow in Chemistry, two months from June 16, 1962, \$500 (4-20-62).
- PFEIFFER, ROBERT J., National Science Foundation Cooperative Fellow in Physics, one year from June 16, 1962, \$2,400 (4-19-62).
- PHILLIPS, JERRY W., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$4,740 (4-20-62).
- PIERDOS, THEODORA A., Fellow in History, two months from June 16, 1962, \$375 (4-19-62).

- PINKS, BARBARA K., Illinois Wesleyan University Fellow in History, nine months from September 16, 1962, \$1,500 (4-1-62).
- PIRROTTA, ADELAIDE, Fellow in Anthropology, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- PLEVAN, ROBERT E., National Science Foundation Cooperative Fellow in Chemical Engineering, one year from June 16, 1962, \$2,400 (4-19-62).
- POPE, SHIRLEY A., Fellow in French, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- PORTER, AGNES R., Fellow in French, nine months from September 16, 1962, \$2,000, and two months from June 16, 1962, \$500 (3-30-62).
- PORTER, MRS. JOYCE E. C., Fellow in French, two months from June 16, 1962, \$375 (4-19-62).
- POWELL, FRANKLIN E., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$4,170 (4-20-62).
- PRALL, ROBERT A., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$5,880 (4-20-62).
- PUCKETT, REGINALD T., Allied Chemical Corporation Fellow in Chemistry, nine months from September 16, 1962, \$2,000 (4-25-62).
- PURCELL, KEITH F., Fellow in Chemistry, two months from June 16, 1962, \$375 (4-19-62); and Dow Chemical Company Fellow in Chemistry, nine months from September 16, 1962, \$1,800 (4-25-62).
- RAGSDALE, JAMES D., JR., Fellow in Speech, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- RAINEY, THOMAS B., JR., Fellow in History, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).
- RAMSEYER, LINDA M., Fellow in Zoology, nine months from September 16, 1962, \$1,500 (3-30-62).
- RANDALL, WILLIAM J., August Kochs Fellow in Chemistry, nine months from September 16, 1962, \$2,000 (4-25-62); and National Science Foundation Summer Fellow in Chemistry, June 16-August 10, 1962, \$600 (4-19-62).
- RANDEL, SHARON K., General Foods Fellow in Home Economics, nine months from September 16, 1962, \$2,500 (4-13-62).
- RANKIN, WILLIAM D., Fellow in Music, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- RAO, FRIEDA E., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$3,600 (4-20-62).
- REDENRO, JAMES M., United States Public Health Service Fellow (Trainee) in Biophysics, one year from September 16, 1962, \$2,666 (4-25-62).
- REEVES, LINDA R., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- RELYEA, DOUGLAS L., National Science Foundation Cooperative Fellow in Chemical Engineering, one year from June 16, 1962, \$2,400 (4-19-62).
- RHODES, PETER R., National Science Foundation Cooperative Fellow in Chemistry, nine months from September 16, 1962, \$1,800 (4-19-62).
- RHODES, YORKE E., JR., Fellow in Chemistry, September 16, 1962-January 31, 1963, \$900 (3-30-62).
- RICHARD, JOHN B., James W. Garner Fellow in Political Science, nine months from September 16, 1962, \$2,000 (4-1-62); and Fellow in Political Science, two months from June 16, 1962, \$375 (4-19-62).
- RINGLER, ELLIN J., Fellow in English, two months from June 16, 1962, \$375 (4-19-62).
- RIPKA, WILLIAM C., National Science Foundation Summer Fellow in Chemistry, June 16-September 7, 1962, \$900 (4-19-62); and Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- ROBERTSON, ROBERT G., Fellow in French, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- RODGERS, ROY A., Fellow in Finance, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- RODGERS, TIMOTHY J., Fellow in Spanish, nine months from September 16, 1962, \$2,000 (3-30-62).
- ROSENTHAL, JEFFREY D., Fellow in Physics, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$450 (3-30-62).

- ROSENFELD, MRS. STELLA, Fellow in German, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- ROSENTHAL, MICHAEL R., National Science Foundation Summer Fellow in Chemistry, June 16-August 10, 1962, \$600 (4-19-62).
- ROSS, MRS. JOHNNIE B. A., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$4,170 (4-20-62).
- ROY, HEDLEY E. H., Fellow in Civil Engineering, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- RUBLEIN, GEORGE T., National Science Foundation Cooperative Fellow in Mathematics, nine months from September 16, 1962, \$1,800 (4-19-62).
- RUSSWURM, LORNE H., Fellow in Geography, nine months from September 16, 1962, \$1,500 (3-30-62).
- SABACKY, M. JEROME, Monsanto Chemical Company Fellow in Chemistry, eleven months from September 16, 1962, \$2,200 (4-25-62).
- SADAGURSKY, PAUL L., International Business Machines Fellow in Mathematics, nine months from September 16, 1962, \$2,500 (4-1-62).
- SAMPLE, STEVEN B., Sloan Foundation Faculty Development Teaching Fellow in Electrical Engineering, nine months from September 16, 1962, \$2,400 (4-1-62).
- SARAH, NEIL, Fellow in Business Administration, nine months from September 16, 1962, \$2,000 (3-30-62).
- SARWINSKI, RAYMOND J., Minnesota Mining and Manufacturing Company Fellow in Physics, nine months from September 16, 1962, \$2,000 (4-5-62).
- SAVIGNON, GABRIEL M., Fellow in French, February 1-June 15, 1963, \$625 (4-6-62).
- SAVIGNON, MRS. SANDRA J., Fellow in French, nine months from September 16, 1962, \$1,500 (3-30-62).
- SAWYER, JOHN E., Fellow in Music, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).
- SCHIMBOR, RICHARD F., National Science Foundation Cooperative Fellow in Chemistry, one year from June 16, 1962, \$2,400 (4-19-62).
- SCHLEICHER, JANE, Fellow in Music, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- SCOTT, ALAN N., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1962, \$600 (3-30-62).
- SCOTT, RICHARD A., Fellow in Marketing, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- SELBY, ANNE E., General Foods Fellow in Home Economics, nine months from September 16, 1962, \$2,500 (4-1-62).
- SELLARES, JOSE G., Fellow in Physics, nine months from September 16, 1962, \$1,800 (3-30-62).
- SENNELLO, LAWRENCE T., United States Public Health Service Fellow (Trainee) in Food Technology, July 1, 1962-June 15, 1963, \$2,200 (3-30-62).
- SEVERSON, ROBERT F., JR., Lilly Endowment Fellow in Economics, one year from June 16, 1962, \$2,500 (4-1-62).
- SHARPE, THOMAS R., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- SHEA, JAMES H., Fellow in Geology, two months from June 16, 1962, \$375 (4-19-62), nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- SHEWMAKER, ROBERT E., Fellow in Civil Engineering, nine months from September 16, 1962, \$1,500 (3-30-62).
- SIMON, KENNETH W., Fellow in Philosophy, two months from June 16, 1962, \$375 (4-19-62).
- SINCLAIR, KENNETH E., Fellow in Education, February 1-June 15, 1963, \$750, and two months from June 16, 1963, \$375 (3-30-62).
- SINGH, AMARJIT H., Fellow in Physics, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$450 (3-30-62).
- SISTER CLAUDETTE BURKEL, National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$3,600 (4-20-62).
- SMITH, THOMAS E., JR., Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- SMITH, VIRGINIA L., Fellow in Economics, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).

- SORENSEN, A. DON, Fellow in Political Science, two months from June 16, 1962, \$375 (4-19-62).
- SPANSKI, GREGORY T., Fellow in Geology, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- SPENCLEY, KENNETH J., Fellow in English, two months from June 16, 1962, \$375 (4-19-62).
- SPICER, LARRY D., National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1962, \$2,400 (4-19-62).
- SPRUNGER, KEITH L., Kendrick C. Babcock Fellow in History, nine months from September 16, 1962, \$2,000 (4-1-62).
- STADT, RONALD W., Fellow in Education, two months from June 16, 1962, \$375 (4-19-62).
- STAGER, ROBERT A., Fellow in Chemical Engineering, nine months from September 16, 1962, \$1,800, and two months from June 16, 1962, \$600 (3-30-62).
- STAHLY, DONALD P., United States Public Health Service Fellow (Trainee) in Microbiology, February 1-June 15, 1962, \$1,050 (3-27-62).
- STALDER, MARY J., Fellow in Home Economics, nine months from September 16, 1962, \$1,500 (3-30-62).
- STAMBAUGH, ROBERT L., National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1962, \$2,400 (4-19-62).
- STANCL, DONALD L., Fellow in Mathematics, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).
- STEBEN, JOHN D., National Science Foundation Cooperative Fellow in Physics, one year from September 1, 1962, \$2,400 (4-19-62).
- STEIN, ALLAN R., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1962, \$600 (3-30-62).
- STEINHARDT, MARY-DELL, National Science Foundation Cooperative Fellow in Chemistry, one year from June 16, 1962, \$2,400 (4-20-62).
- STEPHENS, JOHN K., Fellow in Mathematics, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- STERN, DANIEL H., National Science Foundation Summer Fellow in Zoology, June 16-September 7, 1962, \$900 (4-19-62).
- STEVENS, KENNETH M., Fellow in Finance, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- STOLTZ, ELIZABETH A., Greenville College Fellow in Biological Sciences, nine months from September 16, 1962, \$1,500 (4-11-62).
- STONE, ALEXANDER P., Fellow in Mathematics, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- STONE, MRS. MARY A., Fellow in Education, two months from June 16, 1962, \$375 (4-19-62).
- STROM, CHARLES R., Fellow in Aeronautical and Astronautical Engineering, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- SUSMAN, NEWTON B., Fellow in Landscape Architecture, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).
- SUTHERLAND, DANIEL W., Fellow in Mechanical Engineering, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- SUTTON, PEGGY R., Fellow in Education, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- SVOB, MICHAEL J., Fellow in English, two months from June 16, 1962, \$375 (4-19-62).
- SWANSON, KARIN A., Fellow in Music, nine months from September 16, 1962, \$1,500 (3-30-62).
- SWEITAL, ELAINE S., Fellow in Astronomy, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- SWINSON, HENRY W., Fellow in English, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).
- SZURSZEWski, JOSEPH H., Fellow in Physiology, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).
- TANG, FRANCIS C., Fellow in Mathematics, two months from June 16, 1962, \$375 (4-19-62).
- TAYLOR, BERT A., National Science Foundation Summer Fellow in Mathematics, June 16-August 10, 1962, \$600 (4-19-62).

- TAYLOR, DOUGLAS H., Continental Oil Company Fellow in Mathematics, nine months from September 16, 1962, \$2,200 (3-30-62).
- TAYLOR, JAMES W., Rohm and Haas Company Fellow in Chemistry, nine months from September 16, 1962, \$1,900 (4-25-62).
- TEXTORIS, DANIEL A., National Science Foundation Summer Fellow in Geology, June 16-August 24, 1962, \$750 (4-19-62).
- THACKSTON, EDWARD L., Fellow in Civil Engineering, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).
- THEILMAN, WARD, National Science Foundation Summer Fellow in Economics, June 16-September 7, 1962, \$900 (4-19-62).
- THOMPSON, STEPHEN, National Science Foundation Summer Fellow in Anthropology, June 16-September 7, 1962, \$900 (4-19-62).
- THORSTENSON, DONALD C., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- TRACY, DAVID J., Eli Lilly and Company Fellow in Chemistry, nine months from September 16, 1962, \$1,900 (4-25-62).
- TRESCOTT, PETER C., Fellow in Geology, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- TRINE, JOE A., Fellow in Accountancy, two months from June 16, 1962, \$375 (4-19-62).
- TRUELICK, RICHARD W., International Business Machines Fellow in Social Sciences (Economics), nine months from September 16, 1962, \$1,800 (4-1-62).
- TSANG, FLORIS Y., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- TUNG, MRS. SANDRA L., Fellow in Linguistics, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- UJHELYI, GABOR K., Fellow in Electrical Engineering, two months from June 16, 1962, \$375 (4-19-62).
- ULRICHSON, DEAN L., Sun Oil Company Fellow in Chemical Engineering, eleven months from September 16, 1962, \$2,300 (4-10-62).
- UMAN, MYRON F., Fellow in Electrical Engineering, two months from June 16, 1962, \$375 (4-19-62).
- UNDERHILL, DONALD K., Fellow in Zoology, two months from June 16, 1962, \$375 (4-19-62).
- UNLAND, MARK L., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- VAGO, ERVIN, Illinois College Fellow in Mathematics, nine months from September 16, 1962, \$1,500 (3-30-62).
- VAIL, CURTIS F., Fellow in Aeronautical and Astronautical Engineering, nine months from September 16, 1962, \$1,500 (3-30-62).
- VANDENBORRE, ROGER J., L. J. Norton Memorial Fellow in Agricultural Economics, nine months from September 16, 1962, \$1,800 (4-1-62).
- VAN DER VOORN, PETER C., National Science Foundation Summer Fellow in Chemistry, June 16-September 7, 1962, \$900 (4-19-62); and Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1963, \$600 (3-30-62).
- VAN HISE, JAMES R., United States Rubber Company Foundation Fellow in Chemistry, nine months from September 16, 1962, \$1,800 (4-25-62).
- VARSA, EDWARD C., Hackett Fellow in Agronomy, nine months from September 16, 1962, \$1,500 (4-1-62).
- VAYO, HARRIS W., United States Public Health Service Fellow (Trainee) in Biophysics, one year from June 16, 1962, \$2,666 (3-30-62).
- VEACH, MARY L., Fellow in English, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).
- VEDDER, RICHARD K., Fellow in Economics, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- VERETTE, RALPH M., Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1962, \$1,500 (3-30-62).
- VETTERLING, JOHN M., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, one year from June 16, 1962, \$5,200 (4-1-62).

- VIDMAR, NEIL J., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1962, \$1,800 (4-25-62).
- VIGO, FRANCESCO M., Fellow in Chemistry, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).
- VOICH, DAN, JR., Fellow in Business, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).
- VOILS, DON L., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$5,880 (4-20-62).
- VOLLAND, ANITA, Fellow in Anthropology, nine months from September 16, 1962, \$2,000 (3-30-62).
- VON RIESEN, RICHARD D., Fellow in Marketing, two months from June 16, 1962, \$375 (4-19-62).
- WADIA, PHIROZE K., Fellow in Civil Engineering, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- WAGNER, CURTIS A., National Science Foundation Cooperative Fellow in Physics, one year from September 16, 1962, \$2,400 (4-19-62).
- WAGNER, JOHN W., Fellow in Accountancy, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- WALLACE, JAMES T., National Science Foundation Summer Fellow in Zoology, June 16-September 7, 1962, \$900 (4-19-62).
- WALLER, ROBERT A., Fellow in History, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- WALTERS, JOHN P., M. W. Kellogg Company Summer Fellow in Chemistry, two months from June 16, 1962, \$500 (4-25-62).
- WARD, ROBERT S., Fellow in Music, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- WARD, WILLIAM F., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$3,600 (4-20-62).
- WEBBER, WILDA R., Fellow in Political Science, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- WEDEKIND, GILBERT L., Fellow in Mechanical Engineering, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- WEINTRAUB, DANIEL J., National Science Foundation Summer Fellow in Psychology, June 16-September 7, 1962, \$900 (4-19-62).
- WEISGERBER, DAVID W., Allied Chemical Corporation Fellow in Chemistry, nine months from September 16, 1962, \$2,000 (4-25-62).
- WELSH, ARTHUR L., Fellow in Economics, two months from June 16, 1962, \$375 (4-19-62).
- WENNINGER, EUGENE P., Fellow in Sociology, two months from June 16, 1962, \$375 (4-19-62).
- WHEELER, JAMES E., Fellow in Accountancy, two months from June 16, 1962, \$375 (4-19-62).
- WHITE, JOHN M., Fellow in Chemistry, nine months from September 16, 1962, \$1,800, and two months from June 16, 1962, \$600 (3-30-62).
- WILKEY, RICHARD A., North Central College Fellow in Political Science, nine months from September 16, 1962, \$1,500 (4-1-62).
- WILLIAMS, CHARLES A., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$5,880 (4-20-62).
- WILLIAMS, JOHN E., Fellow in Zoology, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- WILLMORE, FLOYD E., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$5,880 (4-20-62).
- WILSON, DAVID J., Fellow in German, nine months from September 16, 1962, \$1,666, and two months from June 16, 1963, \$500 (3-30-62).
- WILSON, GEORGE S., Corning Glass Works Summer Fellow in Chemistry, two months from June 16, 1962, \$500 (4-25-62).
- WILSON, JOHN E., Parke Davis Fellow in Biochemistry, two months from June 16, 1962, \$600 (4-5-62).
- WINGO, ELVIS O., Fellow in the Classics, two months from June 16, 1962, \$375 (4-19-62).
- WINKELMAN, RICHARD D., Fellow in Economics, two months from June 16, 1962, \$375 (4-19-62).

- WINTERBAUER, WILLIAM L., JR., National Science Foundation Cooperative Fellow in Mechanical Engineering, one year from September 1, 1962, \$2,400 (4-19-62).
- WITHNELL, MELVIN C., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$5,880 (4-20-62).
- WOLFE, CHARLES M., Fellow in Electrical Engineering, nine months from September 16, 1962, \$2,000, and two months from June 16, 1962, \$500 (3-30-62).
- WOLTER, KARL H., Fellow in Art, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- WONG, BING K., Fellow in Mathematics, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- WOODELL, MARTHA C., Fellow in Linguistics, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- WREN, DANIEL A., Fellow in Business, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- WRIGHT, RAMIL C., Fellow in Geology, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- WRIGHT, ROBERT L., Fellow in Architecture, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).
- YATABE, JON M., Fellow in Chemical Engineering, nine months from September 16, 1962, \$1,800, and two months from June 16, 1962, \$600 (3-30-62).
- YEN, SIAN L., Fellow in Linguistics, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (5-1-62).
- YUDIN, FLORENCE L., Fellow in Spanish, nine months from September 16, 1962, \$1,500, and two months from June 16, 1962, \$375 (3-30-62).
- ZARGHAMEE, MEDHI S., Fellow in Civil Engineering, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- ZENGE, MICHAEL W., Fellow in Music, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500 (3-30-62).
- ZIMMERMAN, JOHN L., Fellow in Zoology, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).

RESIGNATIONS AND DECLINATIONS

- BARLOW, GEORGE W., Assistant Professor of Zoology, Summer Session of 1962—resignation effective June 18, 1962.
- BESTOR, ARTHUR E., JR., Professor of History—resignation effective September 1, 1962.
- BETZ, RONALD P., Assistant Chief Pharmacist (Pharmacy)—resignation effective June 20, 1962.
- BURG, MRS. SALLY, Serials Reviser in the Library, with rank of Instructor—resignation effective September 1, 1962.
- CHANG, SHEN C., Research Assistant Professor of Entomology—resignation effective June 1, 1962.
- CRAWFORD, ROBERT B., Assistant Professor of History, Summer Session of 1962—declination effective June 18, 1962.
- DAGRES, JOHN, Kendric C. Babcock Fellow in History—resignation effective September 16, 1962.
- DAVIS, JIM E., Instructor in Economics, Summer Session of 1962—declination effective June 18, 1962.
- DAVISSON, MELVIN T., Assistant Professor of Civil Engineering, Summer Session of 1962—declination effective June 18, 1962.
- DELEVORYAS, THEODORE, Associate Professor of Botany—resignation effective September 1, 1962.
- DEMARQUE, PIERRE, Assistant Professor of Astronomy—resignation effective September 1, 1962.
- DOLAN, JAMES J., United States Public Health Service Fellow (Trainee) in Psychiatry (University of Illinois at the Medical Center)—resignation effective February 1, 1962.
- EDMUNDS, MRS. JANE C., Research Assistant in Chemistry—resignation effective April 1, 1962.
- EDWARDS, RALPH M., Catalog Assistant in the Library—resignation effective September 1, 1962.
- ETTER, DONAL E., Research Assistant in the State Water Survey—resignation effective April 14, 1962.

- FEINSTEIN, IRWIN K., Associate Professor of Mathematics (Chicago Undergraduate Division) — resignation effective June 22, 1962.
- FENVES, STEVEN J., Assistant Professor of Civil Engineering, Summer Session of 1962 — declination effective June 18, 1962.
- FERRARA, WILLIAM L., Assistant Professor of Accountancy — resignation effective August 31, 1962.
- GOLDSTEIN, HERBERT, Associate Professor of Education — resignation effective September 1, 1962.
- GRIFFIN, CHARLES H., Professor of Accountancy, Summer Session of 1962 — declination effective June 18, 1962.
- GROSSMANN, REINHARDT S., Assistant Professor of Philosophy — resignation effective September 1, 1962.
- HARRIS, HENRY S., Associate Professor of Philosophy — resignation effective September 1, 1962.
- HERLING, SHEILA, Research Assistant in Psychiatry (Medicine) — resignation effective April 1, 1962.
- ITO, YUJI, Instructor in Mathematics, Summer Session of 1962 — declination effective June 18, 1962.
- IVERSON, MRS. AUDREY N., Geology Librarian, with rank of Instructor — resignation effective September 1, 1962.
- KOUKOU, ZOE Z., Research Assistant in Pediatrics (Medicine) — resignation effective April 1, 1962.
- LANGEBARTEL, RAY G., Associate Professor of Mathematics, Summer Session of 1962 — declination effective June 18, 1962.
- MARSH, JOHN O., JR., Associate Professor of Humanities (Chicago Undergraduate Division), Summer Session of 1962 — declination effective June 22, 1962.
- MARSHALL, WILLIAM H., Instructor in Surgery (Medicine) — resignation effective May 1, 1962.
- MCCABE, MRS. NANCIE M., Assistant in Home Economics — resignation effective June 1, 1962.
- MCFERREN, ROBERT D., Instructor in the Institute of Aviation — resignation effective June 16, 1962.
- MILLER, MARILYN T., United States Public Health Service Fellow (Trainee) in Ophthalmology (University of Illinois at the Medical Center) — resignation effective May 1, 1962.
- NEUJAHN, HALINA, Research Associate in Animal Science — resignation effective May 23, 1962.
- PETERSON, HELEN M., Research Associate in Botany — resignation effective June 1, 1962.
- RAUSCH, GEORGE J., JR., Acquisition Assistant in the Library — resignation effective June 17, 1962.
- RIVENBARK, WILLIAM L., Research Associate in Plant Physiology (Agronomy) — resignation effective April 1, 1962.
- RODDA, ERROL D., Research Associate in Agricultural Engineering — resignation effective July 1, 1962.
- ROSEN, HJALMAR, Associate Professor of Psychology — resignation effective September 1, 1962.
- RUDIN, CECILIA M., Instructor in English (Chicago Undergraduate Division), Summer Session of 1962 — declination effective June 22, 1962.
- SHAW, PAUL V., Engineering Faculty Development Teaching Fellow in Chemical Engineering — resignation effective June 1, 1962.
- SPEECE, RICHARD E., Fellow in Civil Engineering — declination effective June 16, 1962.
- SPIRIET, PIERRE, Assistant Professor of French — resignation effective September 1, 1962.
- STATTENFIELD, MRS. MERRIE J., Research Assistant in the State Water Survey — declination effective July 1, 1962.
- THOROGOOD, ELIZABETH, Research Associate in the School of Life Sciences — resignation effective March 19, 1962.
- WAITZ, MRS. JANET L., Assistant Reference Librarian, with rank of Instructor — resignation effective June 7, 1962.

LEAVES OF ABSENCE

- FENVES, STEVEN J., Assistant Professor of Civil Engineering, in the College of Engineering—leave of absence, without pay, September 1, 1962, through August 31, 1963, so that he may serve as Associate Professor at Massachusetts Institute of Technology during that period.
- GREENWOOD, GEORGE W., Research Associate in Civil Engineering, in the Bureau of Community Planning and in the Physical Plant Department—leave of absence, without pay, from June 16, 1962, through August 31, 1963, for the purpose of graduate study on a National Science Foundation Faculty Fellowship.
- HANNAH, HAROLD W., Professor of Veterinary Medical Law (College of Veterinary Medicine) and of Agricultural Law (Agricultural Economics)—leave of absence, without pay, for three months from September 1, 1962, so that he may serve during this period and the summer of 1962 as a consultant on the organization of a planning unit in the Ministry of Agriculture of the government of Pakistan.
- HERUM, FLOYD L., Assistant Professor of Agricultural Engineering, in the Extension Service in Agriculture and Home Economics and in the Agricultural Experiment Station—leave of absence, without pay, for one year from September 1, 1962, so that he may continue his graduate studies at Purdue University under a National Science Foundation Faculty Fellowship grant.
- NARASIMHAN, RANGASWAMY, Research Associate in the Digital Computer Laboratory—leave of absence, without pay, for one month from April 17, 1962.
- PINES, DAVID, Professor of Electrical Engineering and of Physics, in the College of Engineering—leave of absence, without pay, from September 1, 1962, through February 28, 1963, in addition to his sabbatical leave of absence from March 1 through August 31, 1963, so that he may utilize the full year for studies abroad under a Guggenheim fellowship.
- PRANGER, ROBERT J., Assistant Professor of Political Science—leave of absence, without pay, from September 1, 1962, through August 31, 1963, so that he may work under a Social Science Research Council grant during that period.
- WATTENBERG, ALBERT, Research Professor of Physics, in the Engineering Experiment Station—leave of absence, without pay, for six months from September 1, 1962, in addition to his sabbatical leave of absence for six months from March 1, 1963, so that he may have a full year for research and study abroad under a National Science Foundation Senior Postdoctoral Fellowship.
- WILLIAMS, SHELDON W., Associate Professor of Agricultural Marketing (Agricultural Economics)—additional leave of absence, without pay, April 1 through April 30, 1962.

CANCELLATION OF SABBATICAL LEAVE OF ABSENCE

- KIRK, SAMUEL A., Professor of Education and of Psychology, and Director of the Institute for Research on Exceptional Children—leave of absence granted him for six months from August 15, 1962, cancelled without prejudice.

JUNE AND JULY MEETINGS

President Clement announced that the next two meetings of the Board are scheduled to be held on June 20, 1962, and July 18, 1962; and that the Board has already voted to hold the June meeting in Urbana.

On motion of Mrs. Watkins, the Board voted to hold the July meeting in Chicago, Illinois, on Wednesday, July 18, 1962, at an hour and place to be determined by the President and Secretary of the Board.

GUESTS OF THE BOARD

President Clement introduced Trustee Emeritus Wirt Herrick and President Emeritus Lloyd Morey, who are special guests at today's meeting.

EXECUTIVE SESSION

President Clement stated that an Executive Session has been requested

for consideration of recommendations relating to patentable inventions and property acquisitions, and was being ordered.

On motion of Mr. Williamson, the Board recessed.

When the Board reconvened, in executive session, following recess, the same members of the Board and officers of the University were present as recorded at the beginning of these minutes, with the exception of Mr. Swain and Mr. Wilkins. Mr. Swain joined the meeting later.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(1) The University Patent Committee and the Chairman of the University Research Board recommend release to the University of Illinois Foundation of the following described inventions by members of the staff.

1. Serologic test for diagnosis of hog cholera—Diego Segre, Professor of Veterinary Microbiology and Public Health and of Veterinary Research, inventor. The serologic test makes it possible to visualize the reaction between the antigen of the virus of hog cholera and its specific antibody. Using a serum known to contain hog cholera antibody as a standard of reference, it makes it possible to detect, identify, and quantitate the virus of hog cholera in the blood and tissues of swine suspected of being affected with this disease. The invention consists of two parts—the preparation of the specific reagent and the performance of the test.

2. Deposited thin film transfluxor—James Divilbiss, Research Associate in the Coordinated Science Laboratory, inventor. The disclosure describes three methods of fabricating transfluxors (multi-aperture magnetic devices) and associated wiring by vacuum deposition of successive layers of magnetic material, conductors, and insulation. Production of transfluxors by this technique has two objectives. First, very large arrays of transfluxors would be produced automatically, thus reducing the cost per element. Second, selection of magnetic material of high coercivity would allow device operation at higher speeds than can be obtained presently with ferrite transfluxors. This invention deals also with the circuit restrictions necessary to make the thin film transfluxor logically equivalent to the ferrite transfluxor.

I concur in these recommendations.

On motion of Mr. Williamson, these recommendations were approved.

SETTLEMENT OF PATENT CLAIM OF DR. GEORGE H. SCHERR

(2) In June, 1959, Dr. George H. Scherr, then a member of the Department of Microbiology, College of Medicine, after first publishing some of the results of his research in late 1958, submitted to the University reports of that research with the view of the possible patentability of certain compounds considered therein. It was necessary to file a patent application in October, 1959, before complete investigation as to the commercial possibilities had been completed, because of Dr. Scherr's publication in 1958. (See Board Minutes, October 21, 1959.) While the patent application was pending, investigation continued into the commercial possibilities of Dr. Scherr's compounds. In late 1960, Dr. Scherr was notified verbally that the University would not seek foreign patent rights on his discoveries, and that he was free to seek those himself.

On December 1, 1960, the attorneys for Dr. Scherr claimed damages on the ground the University failed to release to Dr. Scherr the foreign rights in sufficient time for him to file applications to protect these.

In March, 1961, the United States Patent Office Examiner rejected the original application for a patent, and in April, 1961, took the same action with regard to an amended application which had been filed in October, 1960. A further amendment was filed in October, 1961, and in February, 1962, the claims of this application were also rejected as nonpatentable. It is possible to take an appeal of the latest rejection to the Board of Appeals in the Patent Office, within six months from February 23, 1962. In late 1961, Dr. Scherr, although no longer a member of the University faculty, submitted additional compounds for inclusion in the patent application then pending. These are compounds of the same nature and directly related to those in the original applications.

The investigation into the commercial possibilities of Dr. Scherr's compounds, which relate to the strengthening of certain antibiotics by the addition to them of certain other materials, produced a mild degree of interest but no response as to assistance in obtaining patents, further development, or marketing the compounds. Merriam, Smith, and Marshall, Patent Attorneys for the University of Illinois Foundation, who have handled this matter, recommend that in view of this lack of interest, and in view of the fact that it appears necessary that an extensive research program be undertaken before any patentable formulae might be obtained, no appeal should be taken, and the University's patent applications should be abandoned. The Patent Committee concurs in this recommendation and has further recommended a release to Dr. Scherr of all rights in his discoveries, subject to a release by him of all his claims against the University.

In view of this recommendation and Dr. Scherr's claim, the Legal Counsel's Office, with the approval of the Patent Committee, has negotiated with Dr. Scherr's attorneys for a release to him of all the University's rights in his compounds, in return for which he would release the University from any possible claims of damages. In addition Dr. Scherr would agree, out of any monetary returns from his discoveries and after he has reimbursed himself for expenses incurred by him in the prosecution of the patent applications and marketing his compounds, to reimburse the University for the expenses it and the Foundation incurred in connection with the prosecution of the patent application and the investigation. Such a settlement has now been agreed to by Dr. Scherr, subject to the approval of the Board of Trustees.

The Vice-President and Comptroller and the Legal Counsel recommend that this settlement be approved, that the Legal Counsel be authorized to prepare the documents necessary to effectuate this settlement, and that the Comptroller and the Secretary be authorized and empowered to sign any necessary documents for the University.

I concur.

On motion of Mr. Harewood, this settlement was authorized, as recommended.

**PURCHASE OF PROPERTY AT 1103 WEST ILLINOIS STREET,
URBANA, AND LEASE OF PROPERTY AT 905-905 1/2
SOUTH FIFTH STREET, CHAMPAIGN**

(3) The Director of the Physical Plant and the Vice-President and Comptroller recommend purchase of the property at 1103 West Illinois Street, Urbana, at a price of \$35,000. The property consists of a lot 65 feet wide and 150 feet deep, with a three-story and basement frame residence. This building will eventually be moved or demolished and the land will be part of an area to be developed for parking facilities replacing those lost when construction is started on the Illinois Street Residence Halls.

The price is within appraisals and the Committee on Buildings and Grounds has previously authorized negotiations for the acquisition of the property.

Possession will be delivered not later than September 1, 1962, and taxes will be prorated.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

The Delta Alumni of Sigma Phi Delta, Inc., owners of the property at 1103 West Illinois Street, have been negotiating for the purchase of a new fraternity house but the earliest it will be available to them is June, 1963. It is therefore recommended that upon possession of the property at 1103 West Illinois Street, Urbana, by the University, the property at 905-905 1/2 South Fifth Street, Champaign, recently purchased by the University, be leased to the Delta Alumni of Sigma Phi Delta, Inc. for ten months from September 1, 1962, at a rental of \$5,500 for the period. The University has no immediate need for the building or the land which was purchased as a site for a graduate student residence hall.

I concur in these recommendations.

On motion of Mr. Williamson, the purchase of the property at 1103 West Illinois Street, Urbana, and the lease of the property at 905-905 1/2

South Fifth Street, Champaign, were authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Johnston, Mr. Kerner, Mr. Wilkins.

MEETINGS OF BOARD COMMITTEES

Following adjournment of the Board, the Committees on General Policy and on Buildings and Grounds met in work sessions in consultation with the President of the University and other University officials.

On motion of Mr. Pogue, the Board adjourned.

A. J. JANATA
Secretary

HOWARD W. CLEMENT
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

June 20, 1962



The June meeting of the Board of Trustees of the University of Illinois was held in the Illini Union, Urbana, Illinois, on Wednesday, June 20, 1962, beginning at 10:00 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Irving Dilliard and Governor Otto Kerner were absent.

Also present were President David D. Henry, Executive Vice-President and Provost Lyle H. Lanier, Professor Norman A. Parker, Vice-President, Chicago Undergraduate Division, Dr. Joseph S. Bergamo, Vice-President, University of Illinois at the Medical Center, Chicago, Mr. C. C. Caveny, Assistant to the President, Chicago Office, Director C. S. Havens of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. James J. Costello, Legal Counsel, Mr. V. L. Kretschmer, Director of Auxiliary Services, Mr. Morris S. Kessler, Assistant Comptroller, Mr. George H. Bargh and Mr. Earl W. Porter, Assistants to the President; and the officers of the Board, Mr. C. W. Weldon, Treasurer, Mr. H. O. Farber, Comptroller, Mr. A. J. Janata, Secretary.

PRESIDENT PRO TEMPORE

In the absence of Mr. Clement, who was delayed in arriving at the meeting, and on motion of Mr. Johnston, Mr. Williamson was elected President *Pro Tempore* by acclamation.

During the presentation of the annual operating budget for 1962-63, Mr. Clement joined the meeting and took the chair.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

PRESIDENT'S REPORT ON SELECTED TOPICS

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

ANNUAL OPERATING BUDGET FOR 1962-63

(1) The complete, itemized, operating budget for 1962-63 covering all divisions of University work, together with a condensed analysis and summaries, was sent to the members of the Board of Trustees in advance of today's meeting and is now submitted for official action.

The budget is for the fiscal year beginning July 1, 1962, for academic and administrative appointments beginning September 1, 1962, and for nonacademic personnel appointments beginning July 1, 1962. The budget has been prepared by the Executive Vice-President and Provost and the Vice-President and Comptroller in accordance with procedures approved by the President. It is based upon recommendations of the deans, directors, and other administrative officers, and has been reviewed by the President and the University Council.

I recommend that this budget, covering the allocation of the estimated operating income from all sources for the year beginning July 1, 1962, be approved; and that the President of the University be authorized, in accordance with the needs of the University and the equitable interests involved and within total income, (a) to accept resignations, (b) to make such additional appointments as are necessary, subject to the provisions of the University Statutes and the Policy and Rules Relating to Compensation and Working Conditions of Non-academic Employees, and (c) to make such changes and adjustments in items included in the budget as are needed, all such changes to be covered in the Vice-President and Comptroller's quarterly financial reports, or in reports to the Board by its Secretary, provided that assignments for new projects or programs and for nonrecurring capital expenditures in excess of \$2,500 shall be presented to the Board for approval.

Mr. Williamson, Chairman of the Finance Committee, reported that the Committee had met, in consultation with the President of the University and with other University officials, on Tuesday evening, June 19, 1962, in a work session for a review of the budget in detail. All members of the Committee were present at the meeting; also present were Trustees Richard A. Harewood, Earl M. Hughes, Wayne A. Johnston, Harold Pogue, George T. Wilkins; and the officers of the Board: Mr. C. W. Weldon, Treasurer, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

Mr. Williamson made an informal report for the Committee stating that it has approved the budget.

The President of the University, the Executive Vice-President and Provost, and the Vice-President and Comptroller discussed the budget as presented in the Condensed Analysis and Summaries, a copy of which has been filed with the Secretary of the Board for record.

Following this presentation and discussion by members of the Board, on motion of Mr. Swain, the budget was approved, the President of the University was authorized to take the actions requested in his recommendations, and the necessary appropriations required in the budget were made, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Governor Kerner.

The details of the budget appear as an appendix to these minutes on page 1595.

BUDGET OF THE ATHLETIC ASSOCIATION FOR 1962-63

(2) The Director of Intercollegiate Athletics submits, on behalf of the Board of Directors of the Athletic Association, the budget for the Association for 1962-63 which is summarized as follows with comparative figures for the preceding year:

	1961-62 (Revised)	1962-63
Income.....	\$1 097 108	\$1 114 175
Appropriations.....	1 266 152	1 108 280
Excess of Income Over Appropriations.....	-169 044	5 895

The budget has been examined and approved by the Executive Vice-President and Provost and the Vice-President and Comptroller.

I recommend that this budget be approved and that the President of the University be authorized to make such changes and adjustments, including approval of new appointments and acceptances of resignations, as are necessary and recommended by the Board of Directors of the Athletic Association within the total income realized.

On motion of Mr. Pogue, this budget was approved.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(3) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
BERNARD FRANCIS EGAN	Chicago, Illinois	District of Columbia
HERBERT B. GLASS	Skokie, Illinois	District of Columbia
NORMAN LEONARD HEDSTROM	Chicago, Illinois	District of Columbia
WILLIAM ROY HINDMAN	Park Ridge, Illinois	Indiana
JACK LESLIE MORGAN	Hinsdale, Illinois	Washington
JACK OLEVSKY	Chicago, Illinois	District of Columbia
GEORGE ROBERT SOMMERMEYER	Chicago, Illinois	Nebraska

I concur.

On motion of Mr. Swain, these certificates were awarded.

APPOINTMENTS TO THE FACULTY

(4) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. WILLIAM G. CARNES, Professor of Landscape Architecture, beginning September 1, 1962, at an annual salary of \$15,000 (A).
2. MRS. MURIEL CHRISTISON, Associate Director of the Krannert Art Museum, with rank of Assistant Professor, beginning July 1, 1962, at an annual salary of \$11,000 (DY).

3. EUGENE EPPERSON, Visiting Assistant Professor at University High School, for eight weeks from June 18, 1962, at a salary of \$2,000 (G).
4. LESLIE FOX, Visiting Professor in the Digital Computer Laboratory, Graduate College, for four and one-half months from September 16, 1962, at a salary of \$9,000 for the period (E).
5. DANIEL R. FRANKL, Visiting Professor of Physical Metallurgy, beginning September 1, 1962, at an annual salary of \$14,000 (G).
6. JOHN C. HADDER, Assistant Professor of Biological Sciences, Chicago Undergraduate Division, beginning September 1, 1962, at an annual salary of \$7,750 (B).
7. JOHN M. HOLCOMB, Professor of Farm Management and Finance, in the Department of Agricultural Economics, beginning September 1, 1962, at an annual salary of \$13,500 (DY).
8. RICHARD HUBBARD, Visiting Assistant Professor at the University High School, for eight weeks from June 18, 1962, at a salary of \$2,000 (G).
9. CHARLES L. HULIN, Assistant Professor of Psychology and in the Institute of Labor and Industrial Relations, beginning September 1, 1962, at an annual salary of \$8,500 (BY).
10. MARY HUZARD, Visiting Assistant Professor at the University High School, for eight weeks from June 18, 1962, at a salary of \$2,000 (G).
11. ROBERT H. JONES, Research Assistant Professor of Economic History, in the Department of Economics, beginning September 1, 1962, at an annual salary of \$11,000 (DY).
12. HERBERT J. LAHNE, Visiting Professor of Labor and Industrial Relations, for the second semester, 1962-63, at a salary of \$6,750 (E).
13. WILLIAM C. MARQUARDT, Associate Professor of Veterinary Pathology and Hygiene, College of Veterinary Medicine, and in Veterinary Research, Agricultural Experiment Station, beginning September 1, 1962, at an annual salary of \$9,500 (A).
14. MARCOS MORINIGO, Professor of Spanish, beginning September 1, 1962, at an annual salary of \$12,000 (A).
15. K. ANANTH NARAYAN, Assistant Professor of Food Technology, beginning August 1, 1962, at an annual salary of \$8,500 (DY).
16. KAZUHIKO NISHIJIMA, Professor of Physics, beginning September 1, 1962, at an annual salary of \$14,400 (A); this appointment is included in the budget for 1962-63.
17. JOHN PLESHA, Visiting Assistant Professor at the University High School, for eight weeks from June 18, 1962, at a salary of \$2,000 (G).
18. WILLIAM J. SCHILL, Assistant Professor of Industrial Education, beginning September 1, 1962, at an annual salary of \$8,500 (D).
19. HANNS-MARTIN SCHONFELD, Visiting Assistant Professor of Accountancy, for the academic year, 1962-63, at a salary of \$8,300 (E).
20. HARVEY J. SCHWEITZER, Assistant Professor of Rural Sociology Extension, in the Department of Agricultural Economics, beginning September 1, 1962, at an annual salary of \$10,500 (DY).
21. JOHN M. SIVERTSEN, Visiting Associate Professor of Physical Metallurgy, in the Department of Mining, Metallurgy, and Petroleum Engineering, from July 1, 1962, through August 15, 1962, at a salary of \$1,500 (G).
22. ANTHONY J. VATTANO, Consultant in the Jane Addams Graduate School of Social Work, with rank of Assistant Professor, beginning August 1, 1962, at an annual salary of \$9,750 (DY).
23. SHIGEHARU YAMADA, Visiting Assistant Professor in the Digital Computer Laboratory, Graduate College, for the academic year, 1962-63, at a salary of \$8,500 (E).

On motion of Mr. Hughes, these appointments were confirmed.

DEANSHIP OF COLLEGE OF NURSING

(5) The Vice-President for the University of Illinois at the Medical Center, Chicago, recommends the appointment of Dr. (Mrs.) Mary Kelly Mullane, presently Dean of the College of Nursing at the State University of Iowa, as Professor of Nursing on indefinite tenure and Dean of the College of Nursing from October 1, 1962, through August 31, 1963, at an annual salary of \$18,500 on a twelve-month service basis.

The appointment is to replace Dean Emily C. Cardew who has asked to be relieved of her administrative duties as Dean, although she will continue on the faculty as Associate Professor of Nursing.

The recommendation for this appointment was initiated by a Search Committee,¹ has been reviewed by the Executive Committee of the College of Nursing, and is endorsed by the Dean of the Graduate College and by the Executive Vice-President and Provost.

I concur.

On motion of Mrs. Watkins, this appointment was approved.

On motion of Mr. Williamson, the Board recorded its appreciation of the services of Dean Cardew.

APPOINTMENT OF DIRECTOR OF INTRAMURAL ACTIVITIES

(6) A year ago I sent the members of the Board of Trustees, for their information, a report of the Urbana-Champaign Senate Committee on Athletics which was received by the Senate and the President was asked to send the information contained therein to appropriate officials. The report includes a section discussing intramural sports and recreation in which the Committee noted that while the University has made reasonably adequate provision for students participating in intercollegiate athletics, there is not adequate provision for the much larger group of students not so participating, and attention was called to the need for development of intramural sports program. Subsequently, a special committee was appointed to study the program of intramural activities at the University of Illinois and to make recommendations.

The Committee submitted a comprehensive report with a number of recommendations, one of them being that the supervision and development of intramural activities, heretofore the responsibility of the Athletic Association, be placed in the College of Physical Education as a separate Division of Intramural Activities, with a full-time director in charge, responsible to the Dean of the College.

I have implemented this recommendation administratively and the operating budget for 1962-63 includes provision for this program, effective September 1, 1962.

The Dean of the College of Physical Education recommends the appointment of Dr. David O. Matthews, presently Associate Professor of Health and Physical Education and Director of Intramural Athletics for Men at Bowling Green State University, as Associate Professor of Physical Education for Men on indefinite tenure, and Director of Intramural Activities at the University of Illinois for one year from September 1, 1962, at an annual salary of \$12,500, on twelve-month service basis.

The Dean of the Graduate College and the Executive Vice-President and Provost endorse this recommendation.

I concur.

On motion of Mr. Pogue, this appointment was approved.

On motion of Mr. Williamson, the Board recorded its appreciation of the services of Mr. Allen B. Klingel as Supervisor of Intramural and Recreational Sports for the Athletic Association.

ADMISSION TO THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

(7) The Urbana-Champaign and the Chicago Undergraduate Division Senates recommend revisions in the requirements for admission to the College of Commerce and Business Administration applicable to students entering in June, 1964, and thereafter (proposed changes are in italics):

¹ Dr. J. S. Begando, Vice-President of the University of Illinois at the Medical Center, Chicago, Chairman; Miss Edna L. Anderson, Assistant Professor of Nursing, College of Nursing; Dr. Harold W. Bailey, Associate Dean of the College of Liberal Arts and Sciences, Chicago Undergraduate Division; Dr. Granville A. Bennett, Dean of the College of Medicine; Dr. Donald J. Caseley, Medical Director of the Research and Educational Hospitals and Associate Dean of the College of Medicine; Dr. J. W. Peltason, Dean of the College of Liberal Arts and Sciences; and Miss Wilma J. Phipps, Associate Professor of Nursing, College of Nursing.

Subject	<i>Present</i>		Subject	<i>Proposed</i>	
	<i>Required Units</i>	<i>Recommended Additional Units</i>		<i>Required Units</i>	<i>Recommended Additional Units</i>
English.....	3		English.....	3	1
Algebra.....	1	Advanced Algebra.. ½	Algebra.....	2	
Geometry... 1		Science..... 2	Geometry.....	1	
			Science Laboratory..	2	
			Foreign Language..	2	
			Social Studies.....	2	
			College Preparatory		
			Mathematics		
					<i>As Available</i>

Any two years of the same foreign language offered in an accredited high school are acceptable. A student may be admitted without a foreign language, but such a deficiency must be made up by passing an entrance examination in a foreign language or by satisfactory completion of the equivalent of one year of a foreign language, without credit for college graduation. A deficiency must be removed during the first two years.

A student may be admitted with one year of algebra and one year of geometry, but he is required to make up the deficiency in algebra during the first year in the College without credit for college graduation.

General science may not be offered as a required science.

A student transferring from another college will not be excused from the above entrance requirements unless he has demonstrated proficiency in the areas in which he may be deficient.

A supporting statement from the College of Commerce and Business Administration is submitted herewith, and a copy is being filed with the Secretary of the Board for record.

The Senate Coordinating Council has advised that the changes have also been approved by the All-University Committee on Admissions.

I recommend approval.

On motion of Mr. Johnston, this recommendation was approved.

ADMISSION TO THE COLLEGE OF LIBERAL ARTS AND SCIENCES

(8) The Urbana-Champaign and the Chicago Undergraduate Division Senates recommend that the minimum requirements for admission to the College of Liberal Arts and Sciences be revised to include the following subjects, applicable to all students entering in June, 1964, and thereafter:

<i>Subject</i>	<i>Required Units</i>
English.....	3 units
Science (exclusive of general science).....	2 units
Mathematics.....	2 units
Foreign Language.....	2 units
History.....	2 units
One additional unit of any of the above except English, and including Social Studies.....	1 unit

The two units of mathematics must be one unit each of algebra and plane geometry or the equivalent as determined by the Department of Mathematics.

Two units of a foreign language must be in the same language.

Social studies are not acceptable as history.

If the additional unit is in a foreign language it must be the third sequential unit in the same language.

These recommendations represent minimum requirements for admission to the College and will apply uniformly to all curricula provided that additional high school or preparatory school credits beyond the minimum indicated, now required for admission to certain curricula, e.g., chemistry and chemical engineering, will continue to be required as heretofore.

The Senate Coordinating Council has advised that no other Senate jurisdiction is involved.

I recommend approval.

On motion of Mr. Swain, this recommendation was approved.

**GRADUATE PROGRAM LEADING TO DEGREE OF
MASTER OF SCIENCE IN FORESTRY**

(9) The Urbana-Champaign Senate recommends authorization of a new graduate program leading to the degree of Master of Science in Forestry. The program was initiated by the College of Agriculture and has been approved by the Graduate College.

The program is designed to meet the needs of students with the Bachelor of Science degree in Forestry for additional work in the sciences underlying a particular phase of forestry in which such students desire to specialize. Since the inauguration of an undergraduate degree program several years ago, the College of Agriculture has had many inquiries concerning graduate work in forestry desired by its own graduates as well as from students holding a bachelor's degree in forestry from other colleges and universities. There is a need for foresters with advanced training not only to work with existing forested areas, but because of the nature of national agricultural programs attempting to meet the surplus production problem by conversion of farm lands into forested areas.

Requirements: A candidate for the master's degree in forestry must have a bachelor's degree and training in forestry essentially equivalent in scope and standards to the program leading to the degree of Bachelor of Science in Forestry at the University of Illinois with a scholastic average for all undergraduate work of at least 3.5 in terms of the University's grading system. The student will be required to plan a program in consultation with his adviser which will meet the general requirements of the Graduate College and will serve his particular interests. A candidate must earn eight units of graduate credit and must pass an oral examination covering the general field of forestry and the area of his specialty.

Submitted herewith are supporting documents from the College of Agriculture including an outline of a schedule of the courses now available and appropriate for the Master of Science degree in Forestry and a suggested curriculum.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I recommend approval, subject to further action by the Board of Higher Education of Illinois.

On motion of Mr. Hughes, this program was approved.

**GRADUATE PROGRAM LEADING TO DEGREE OF
DOCTOR OF PHILOSOPHY IN PHARMACY**

(10) The Medical Center Senate has approved a proposal from the College of Pharmacy endorsed by the Dean of the Graduate College for a graduate program leading to the degree of Doctor of Philosophy in Pharmacy.

For a number of years the College of Pharmacy has offered a graduate program leading to the degree of Master of Science in Pharmacy so that the new program proposed will be an extension of an existing graduate program. Graduate students who have been awarded the degree of Master of Science in Pharmacy have continued graduate studies leading to the doctorate in other disciplines, but a number of these students have indicated a desire for a Doctor of Philosophy in Pharmacy program if it were available. Hence the present graduate program in pharmacy has been handicapped by limiting graduate instruction to the master's degree level.

I recommend approval, subject to further action by the Board of Higher Education of Illinois.

On motion of Mrs. Watkins, this program was approved.

**DEPARTMENT OF RECREATION AND
MUNICIPAL PARK ADMINISTRATION**

(11) On request of the Department of Recreation in the College of Physical Education and with the concurrence of all other departments of the University concerned, the name of the Department has been changed to the Department of Recreation and Municipal Park Administration to reflect its curricular offerings.

This change was received for record.

RELOCATION OF ALMA MATER STATUARY

(12) Some time ago the officers of the University of Illinois Alumni Association requested the Physical Plant Department to consider the relocation of Lorado Taft's Alma Mater statuary group from its present location south of the University Auditorium to another campus area. Several sites were studied, among them the area in front of Altgeld Hall and the Illini Union facing the intersection of Wright and Green Streets. The Board of Directors of the Alumni Association has agreed to provide funds for the moving of the Alma Mater statuary and the construction of a suitable base on the new site.

On motion of Mr. Swain, this proposal was referred to the Committee on Buildings and Grounds for study and report.

RESERVE OFFICERS' TRAINING CORPS PROGRAM

(13) In the spring of 1960, a University Committee¹ was appointed to study the Reserve Officers' Training Corps program of the University of Illinois and to make recommendations concerning its continuing place in the academic program. One reason for the study was the conflicting views of the Department of Defense and the Departments of the Army, Navy, and Air Force concerning the organization of R.O.T.C. programs at colleges and universities. An even more compelling reason was the shortage of space for expanded enrollments, the failure of the federal government to provide training facilities, and the apparent inability of the Department of Defense to provide adequate officer personnel to staff expanded programs. Hence the study of the R.O.T.C. at the University of Illinois was made with the view to recommending improvements in the program as a continuing phase in the educational work of the University and to enable the University to maintain its contributions of trained officer personnel for the Armed Forces Reserves.

The report of the Study Committee was released publicly in December, 1960, and was brought to the attention of the appropriate faculty agencies including the Committee on Military Affairs and the Board of Trustees.

The Study Committee submitted a number of recommendations which have been the basis of continuing review of the R.O.T.C. program. One recommendation is still unresolved, namely, that the basic R.O.T.C. program be placed on a voluntary basis, at least for a trial period.

Among the reasons given for the Committee's recommendation for voluntary R.O.T.C. are the following points:

1. The Department of Defense has indicated that a military requirement does not exist for a compulsory basic R.O.T.C. program and the Department of Defense has no basis for favoring such a program.
2. In institutions maintaining voluntary R.O.T.C., satisfactory enrollments have been maintained.
3. Space and personnel requirements for increasing enrollments under the compulsory program can not be met within the foreseeable future from resources ordinarily available to the University, and the federal government has given no indication that it intends to supply such facilities and personnel.

Action to implement the recommendation on compulsory R.O.T.C. was not taken pending discussions with the Department of Defense as to reported new programs which would alter the relationship of the basic R.O.T.C. program to Officer Procurement and Training.

During the current academic year, the military departments have announced plans for anticipated new programs.

The Department of the Air Force has recommended a program which would provide for two years of air science (preceded and followed by summer camps) without the preliminary requirement of R.O.T.C. This program would permit the recruitment of students who complete two years of work at junior colleges and other transfer students. The University has been requested to concur in this program and to make it effective in the fall of 1963.

¹ Harold W. Hannah, Professor of Agricultural Law and of Veterinary Medical Law, Chairman; Wylie H. Davis, Professor of Law; Herbert M. Hamlin, Professor of Agricultural Education; Stewart Y. McMullen, Professor of Management; Stanley H. Pierce, Professor of General Engineering and Associate Dean of the College of Engineering; and Paul R. Shaffer, Professor of Geology.

The Department of the Army has approved a comparable two-year training program to take the place of the present combined basic and advanced program. This program would permit the recruitment of students who complete two years of work at junior colleges and other transfer students. The University has been requested to concur in this program and to make it effective in the fall of 1963.

The Department of the Army has approved a comparable two-year training program to take the place of the present combined basic and advanced program. This program would require a summer camp of one month prior to enrollment in the advanced R.O.T.C. and a summer camp following the senior year.

The R.O.T.C. programs of the Department of the Navy for some time have not been related to the required basic program.

The Department of Defense has referred the Air Force and Army programs to the Bureau of the Budget, and it appears that legislation will soon be introduced to authorize these two programs.

Whether or not the new programs are adopted, it is the University's impression that the military departments wish to reduce the number of enrollments in freshman and sophomore R.O.T.C.

In view of the pending changes as discussed by the Department of Defense and in view of the limitation upon the University of Illinois in meeting the staff and space requirements for an increasing enrollment, it is clear that the University should have the authority to adapt its programs to the proposals of the Department of Defense and to its own available resources.

The Illinois Statute applying to the University of Illinois has the following provision (Illinois Revised Statutes, 1959, Chapter 144, Universities, etc., Section 46):

All pupils attending the said University shall be taught, and shall study, such branches of learning as are related to agriculture and the mechanic arts, and as are adapted to promote the liberal and practical education of the industrial classes in the several pursuits and professions of life, without excluding other scientific and classical studies, and including, for all male students, military tactics.

It is the opinion of the Committee on Military Affairs and of the Legal Counsel that clarifying legislation should be sought from the General Assembly which will give the Board of Trustees authority to deal with the R.O.T.C. as a part of the educational program in the same manner as it has authority to deal with other educational activities.

Accordingly, the authority from the Board of Trustees is requested to present proposals for legislation which will leave with the University Board of Trustees discretion as to the scope and extent of R.O.T.C. instruction and whether or not it should be compulsory or voluntary.

On motion of Mrs. Watkins, authority was given as requested.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(14) The Committee on Nonrecurring Appropriations recommends the following appropriations and assignments of funds from the University General Reserve:

1. Physical Plant	
Remodeling in Rooms 406 and 408 Mumford Hall.....	\$ 3 280 00
Remodeling in the Armory.....	8 540 00
2. Department of Geology, equipment.....	4 730 00
Total	\$16 550 00
I concur.	

On motion of Mr. Williamson, these appropriations were made, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Mr. Kerner.

CONTRACTS FOR CONSTRUCTION OF COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION BUILDING

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for construction of the new College of Commerce and Business Administration Building, the award in each case being to the lowest bidder:

General — Kuhne-Simmons Company, Inc., Champaign.....	\$1 840 600
Base Bid	\$1 859 100
Additive Alternate for service charge for supervision of other prime contracts assigned to the general contractor	28 000
Deductive Alternates	
Omission of ceramic veneer surfacing throughout all stairwalls and all corridors except the first floor corridor and the substitution of plaster and paint finish.....	—37 600
Omission of screens for windows throughout the building	—8 900
Electrical — Leverenz Electric Company, Inc., Danville.....	196 400
Plumbing — Reliable Plumbing and Heating Company, Champaign..	103 795
Heating and Air Conditioning Work — R. H. Bishop Company, Champaign.....	366 277
Ventilation Work — Anderson and Litwack Company, Hillside.....	201 000
<i>Total</i>	<u>\$2 708 072</u>

It is further recommend that all contracts other than the general contracts be assigned to the contractor for the general work, making the total of his contract price \$2,708,072.

It is further recommended that an agreement be entered into with Kuhne-Simmons Company, Inc. for the assignment of these other contracts for \$28,000, which amount is included in the contract price, being the amount bid by that Company for service charge for supervision of other contracts assigned to the general contractor.

The sources of funds to finance the construction of this building are:

From the state capital appropriations to the University for 1961-63 from the Universities Building Fund, for the construction of a College of Commerce and Business Administration Building, previously released by the Governor.....	\$2 900 000
From the state capital appropriations for 1961-63 from the Universities Building Fund for the College of Education Building, previously released by the Governor.....	41 500
In connection with the construction of the new Commerce and Education Buildings, a common cooling tower installation with suitable enclosure has been provided on the roof of the new College of Commerce and Business Administration Building to serve both that project and the new College of Education Building. Therefore, the total cost of this common facility has been divided between the two projects. Through the bidding procedures, it was determined that the cost of this common facility chargeable to the College of Education Building is \$41,500.	
From the state capital appropriations for 1961-63 from the University Building Fund for contingencies, subject to release by the Governor.....	70 000
<i>Total</i>	<u>\$3 011 500</u>

Submitted herewith is a supporting memorandum from the Physical Plant Department, including a schedule of all bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, these recommendations were approved and the contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Mr. Kerner.

CONTRACTS FOR FIRST ADDITION TO ORCHARD DOWNS

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for construction of the First Addition to Orchard Downs, the award in each case being to the lowest bidder:

General — Shapland Construction Company, Champaign.....	\$1 117 300
Base Bid	\$1 064 000
Additive Alternate for service charge for supervision of other prime contracts assigned to the general contractor.....	18 500
Additive Alternate for sidewalks and similar site work	34 800
Heating and Ventilating — Montefusco Heating and Sheet Metal Company, Peoria:	
Heating.....	60 943
Ventilating	9 748
Site Work and Outside Utilities — Parro Construction Corporation, Urbana.....	169 900
Electrical Work — Potter Electric Service, Inc., Urbana.....	105 177
Base Bid	\$ 96 860
Additive Alternate for exterior area lighting.....	8 317
Plumbing Work — R. Hays Company, Inc., Champaign.....	145 000
<i>Total</i>	<i>\$1 608 068</i>

It is further recommended that all contracts other than the general contracts be assigned to the contractor for the general work, making the total of his contract price \$1,608,068.

It is further recommended that an agreement be entered into with Shapland Construction Company for the assignment of these other contracts for \$18,500, which amount is included in the contract price, being the amount bid by that Company for service charge for supervision of other contracts assigned to the general contractor.

Funds are available in the proceeds from the sale of the Board of Trustees of the University of Illinois, Revenue Bond Series A.

Submitted herewith is a supporting memorandum from the Physical Plant Department, including a schedule of all bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, these recommendations were approved and the contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Mr. Kerner.

CONTRACTS FOR SWITCHGEAR AND ELECTRICAL EQUIPMENT FOR THE HEATING PLANT AT CONGRESS CIRCLE

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for the furnishing and installation of switchgear and electrical equipment for the heating plant at Congress Circle campus:

Congress Circle campus:

Item 1. 15 KV Switchgear — Allis-Chalmers Manufacturing Company..	\$ 38 200
Item 2. 5 KV Switchgear — Allis-Chalmers Manufacturing Company...	44 800
Item 3. 480 V Substation — Allis-Chalmers Manufacturing Company...	29 650
Item 4. Motor Control Centers — General Electric Company.....	7 025
Item 5. D-C Distribution Cubicles — General Electric Company.....	2 531
Item 6. 125-Volt Battery — Allis-Chalmers Manufacturing Company...	5 794
Item 7. Inverter-Diverter and Control Panel — Allis-Chalmers Manu- facturing Company	8 851
<i>Total</i>	<i>\$136 851</i>

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund subject to release by the Governor. The University has reserved the right to terminate this contract prior to September 15, 1962, for any reason without cost to the University by giving the contractor written notice of such termination.

The above recommendations propose the award of contracts to the lowest

bidders, on each item except Nos. 6 and 7. All companies conditioned acceptance of the bids on items 6 and 7 on the inclusion of items 1 and 2 in their contracts. Hence any recommendation other than award to Allis-Chalmers Manufacturing Company would result in a higher total cost to the University as comparison of the bids will show.

Submitted herewith is a supporting statement listing bids received and recommendations of Sargent and Lundy, Engineers, Chicago, employed by the University for the engineering designs of the equipment and its installation.

I concur.

On motion of Mrs. Watkins, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; Mr. Johnston was recorded as not voting; no, none; absent, Mr. Dilliard, Mr. Kerner.

On motion of Mr. Swain, the Executive Committee of the Board was authorized to act for the Board in any negotiations with the contractors which may be required in exercising the University's right to terminate the contracts or to extend the period within which they may be terminated.

CONTRACT FOR ELECTRICAL IMPROVEMENTS

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$90,785 to William H. Brunkow, an individual doing business as Brunkow Electric Company, 508 North Hickory, Champaign, the lowest bidder, for electrical work including transformer vaults and switchboard revisions in Lincoln Hall, David Kinley Hall, Horticulture Field Laboratory, and Civil Engineering Hall to provide for expansion and improvement of electric power service in these buildings.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

Submitted herewith is a report from the Physical Plant Department on this project, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, this contract was awarded, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Mr. Kerner.

CONTRACT FOR THE IMPROVEMENT OF FIRST STREET, FOURTH STREET, ST. MARY'S ROAD, SIXTH STREET, AND WRIGHT STREET

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$610,376.25 to General Paving Company, Inc., 30 East John Street, Champaign, Illinois, the lowest bidder, for the improvement of First Street, Fourth Street, St. Mary's Road, and Wright Street, including paving work complete with drainage improvements and appurtenant construction, sidewalks, street lights, and traffic signals.

The Board of Trustees has previously authorized (meeting of February 21, 1962) this program of improvements of public and University streets and roads within the Campus area.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

Submitted herewith is a supporting memorandum from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, this contract was awarded, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr.

Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Mr. Kerner.

**CONTRACTS FOR FUEL OIL FOR MEDICAL CENTER STEAM PLANT
AND FOR CHICAGO UNDERGRADUATE DIVISION**

Fuel Oil for Medical Center Steam Plant

(20) The Director of the Physical Plant, the Business Manager for the University of Illinois at the Medical Center, and the Vice-President and Comptroller recommend the purchase of a minimum of 8,000 gallons of No. 5 fuel oil, with the option of purchasing as much more as may be required but not to exceed 450,000 gallons, for the 1962-63 heating season, from the Apex Motor Fuel Company, 1401 West North Avenue, Chicago, Illinois, the lowest bidder. The net price per gallon will fluctuate with the current posted prices listed in the *Oil Daily* (a recognized publication of daily petroleum market quotations) less a discount of \$.0089, with the stipulation that the net price will not exceed \$.0861. The current net price per gallon is \$.0861 after a discount of \$.0089 from the current posted price of \$.095. Based on current market prices the total cost of the minimum quantity (8,000 gallons) will not exceed \$688.80 and the total cost of the maximum quantity (450,000 gallons) will not exceed \$38,745.

The Medical Center Steam Company plant is equipped to burn either coal, gas, or oil. Winter operation has been with coal, and summer with gas. The fuel oil is for stand-by service. If used for emergency operation instead of gas or coal, there will be a corresponding reduction in expenditures for these two fuels.

Fuel Oil for Undergraduate Division

The aforesaid officers also recommend the purchase of No. 5 fuel oil, as required, not to exceed 280,500 gallons, for the 1962-63 heating season at Navy Pier from the Apex Motor Fuel Company, 1401 West North Avenue, Chicago, Illinois, the lowest bidder. The net price per gallon will fluctuate with the current posted prices listed in the *Oil Daily* less a discount of \$.0089 with the stipulation that the net price will not exceed \$.0861. The current net price per gallon is \$.0861 after a discount of \$.0089 from the current posted price of \$.095. Based on current market prices the total cost for 280,500 gallons will not exceed \$24,151.05.

The Undergraduate Division power plant at Navy Pier is equipped to burn either gas or oil.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the contracts.

On motion of Mr. Swain, these purchases were authorized, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Mr. Kerner.

**INCREASE IN LEASE WITH THE UNIVERSITY OF ILLINOIS
FOUNDATION FOR THE PROPERTY AT 129
NORTH RACE STREET, URBANA**

(21) The University is sub-leasing from the University of Illinois Foundation, at a rental rate of \$650 per month, the property at 129 North Race Street, Urbana, for use by the Department of Psychology.

The basement and first floor were remodeled by the owner to meet the requirements of the Department of Psychology and the second floor (unremodeled) is used for storage space.

Additional space is now required for office and laboratory purposes by the Department of Psychology which can be obtained by improving the present second floor storage area. The owner of the building has submitted a proposal to remodel the area and to amortize the cost of the remodeling by increasing the rent. It would be to the University's advantage in terms of rental rate to spread the amortization cost over a nine-year period. However, this will require the University of Illinois Foundation which leased the building for five years and has sub-leased to the University to exercise the lease option for an additional five-year lease.

The additional rental rate is \$201 per month and the University would assume the additional costs of utilities, interior maintenance, and janitor service.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that:

The Foundation be requested to revise the lease as indicated above and exercise the option to renew for an additional five-year period;

The sublease from the Foundation to the University be increased by \$201 per month as of September 1, 1962; and that

Funds be assigned from indirect costs as follows:

Addition to the Physical Plant Department operating budget for the annual rental	\$2 412
Annual operation and maintenance costs.....	1 100
<i>Total</i>	\$3 512

I concur.

On motion of Mr. Johnston, this recommendation was approved, and the requested assignment of funds was made, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Mr. Kerner.

REPAIR OF SMOKE STACK AT ABBOTT POWER PLANT

(22) As a result of a recent inspection of the No. 2 smoke stack at the Abbott Power Plant, which has been in continuous service since its construction in 1952 by Custodis Construction Company, Inc., Chicago, the Physical Plant Department recommended authorization of certain necessary repairs after the inspection report had been reviewed with Sargent and Lundy, Chicago, consulting engineers for the University on power plant installations who concurred in the recommendation. Emergency action was necessary to avoid overloading stack No. 1 when the air-conditioning season started, as overload would have reduced the capacity of the boilers and required curtailment of the use of electricity.

The Director of the Physical Plant and the Vice-President and Comptroller request confirmation of the employment of the Custodis Construction Company, Inc., to make the repairs on the basis of the actual cost of labor and materials plus cost of insurance, plus 15 per cent for the firm's overhead and 15 per cent for its commission. The total project was estimated to require three weeks and cost approximately \$10,000.

Funds are available in the Physical Plant operating budget for the fiscal year 1961-62.

I concur.

On motion of Mr. Pogue, the employment of the Custodis Construction Company, Inc. was confirmed.

ADDITION TO CONTRACT FOR CONSTRUCTION OF ASSEMBLY HALL

(23) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$24,164.70 in the contract with Felmley-Dickerson Company, Urbana, for the construction of the Assembly Hall to install and operate well points and pumping equipment on the inside perimeter of the Assembly Hall prior to and during excavation of the existing cone of earth in the center portion of the building.

Funds are available from the proceeds of the revenue bonds issued to finance construction of the Assembly Hall.

I concur.

On motion of Mr. Swain, this change in contract was authorized.

ADDITION TO CONTRACT FOR CONSTRUCTION OF THE ILLINI UNION ADDITION

(24) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$5,606 in the contract with Felmley-Dickerson Company, Urbana, for construction of the Illini Union addition to provide modifica-

tions for weatherproofing and construction of the interior court surfaces, the south court and the west court above interior spaces, and modifications in the construction of planter boxes on the interior court terrace.

Funds are available from proceeds of the revenue bonds issued to finance construction of the Illini Union Addition.

I concur.

On motion of Mr. Williamson, this change in contract was authorized.

ADDITION TO THE CONTRACT FOR PENNSYLVANIA AVENUE RESIDENCE HALL

(25) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$2,810 in the contract with Kuhne-Simmons Company, Inc., for the construction of the Pennsylvania Avenue Residence Hall to include installation of four trophy cases.

Funds are available from the sale of revenue bonds for the construction of the Pennsylvania Avenue Residence Hall.

I concur.

On motion of Mr. Johnston, this change in contract was authorized.

ADDITION TO CONTRACT FOR ENGINEERING SERVICES FOR STUDENT RESIDENCE HALL

(26) The Director of the Physical Plant and the Vice-President and Comptroller recommend a change in the contract with Stanley Howell Associates, Chicago, for engineering services on remodeling various areas in the Dentistry-Medicine-Pharmacy Buildings to include designing installations for air conditioning public areas of the Student Residence Hall. The fee for the additional services will be in accordance with the provisions of the contract: actual cost plus 115 per cent for overhead expenses of the firm and commission; estimated total for this additional service is \$10,000.

Funds are available in the operation maintenance budget of the Student Residence Halls.

I concur.

On motion of Mr. Hughes, this change in contract was authorized.

ADDITION TO CONTRACT FOR PROFESSIONAL SERVICES FOR THE UNION BUILDING AT CONGRESS CIRCLE CAMPUS

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend an addition to the contract with C. F. Murphy Associates, Inc., to include professional services on design of the interior finish and furnishings of the Union Building at Congress Circle (referred to as the "Union Complex" in the contract) on the basis of a fee of 5½ per cent of the cost of furnishings and equipment included in the specifications to be prepared by this firm.

The cost of such services will be financed from the project budget for the construction of the Union Building at Congress Circle.

I concur.

On motion of Mr. Swain, this change in contract was authorized.

EMPLOYMENT OF ARCHITECTS FOR THE MATERIALS RESEARCH LABORATORY

(28) The Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of the architectural firm of Shaw, Metz, and Associates, Chicago, as architects for the Materials Research Laboratory at a fee of 6 per cent of the construction contract costs to cover the services, said services to include the preliminary plans, working drawings, specifications, and supervision of construction.

I concur. The Committee on Buildings and Grounds has been consulted and also approves.

On motion of Mrs. Watkins, this recommendation was approved.

USE OF UNIVERSITY FACILITIES BY TWIN CITY BIBLE CHURCH

(29) The Board of Trustees has authorized the use of University facilities by the Twin City Bible Church of Urbana while the new church is being constructed. The old church was razed when the University purchased the site. The present authorization expires August 17, 1962, and officials of the church have requested permission to use University space through May, 1963. The University is reimbursed for any expense involved in this arrangement.

I recommend that this extension be approved and that the Physical Plant Department be authorized to make such assignments of space as may be available and at times when not needed by the University.

On motion of Mr. Swain, this recommendation was approved.

REVISION OF SECTION 25 OF THE GENERAL RULES CONCERNING UNIVERSITY ORGANIZATION AND PROCEDURE

(30) At the request of the Committee on Buildings and Grounds, the President of the University and the Secretary of the Board have submitted the following proposed revision of Section 25 of the General Rules Concerning University Organization and Procedure:

Naming of Buildings, Streets, and Drives

Sec. 25 (a) Buildings given to the University may be named for the donors of funds for the same, or for donors whose individual contributions have been crucial in the financing of such buildings.

(b) Buildings should be named in such a way as to denote their general use as a matter of convenience to students as well as to visitors, except as provided for in (d), below.

(c) Residence halls may be named for donors of funds for such halls; for distinguished former members of the Board of Trustees; and for distinguished members of the University faculty, especially those who were identified with some phases of student life outside the classroom.

(d) Buildings and other campus facilities may be named for former members of the University faculty, or for others in the public life of the state or nation.

(e) Except as provided for in (a) or (c) above, buildings and other campus facilities shall not be named for living persons.

(f) Plaques or tablets may be installed in buildings as memorials to or in recognition of distinguished members of the University staff whose services were identified with the functions of said buildings.

(g) The designation of names of buildings, streets, and drives shall be exclusively within the authority of the Board of Trustees.

On motion of Mr. Pogue, the revisions recommended were adopted.

COMPTROLLER'S REPORT OF CONTRACTS

(31) The Comptroller's report of contracts executed during the period May 1 to 31, 1962.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Air Force AF-AFOSR 62-179	Dislocations in solids	\$112 920 00	September 1, 1962
United States Army DA-ARO (D) 31-124 G 318	Dislocations and point defects	15 000 00	June 1, 1962
United States Atomic Energy Commission AT (11-1) 1127	Specialized training through summer institutes in the field of nuclear science	29 907 00	January 15, 1962
United States Civil Defense OCD-OS-62-124	Prepare and conduct a six-week program covering structural analysis, shelter design, nuclear weapons effects, and radiation shielding	25 500 00	July 16, 1962
United States Department of Health, Education, and Welfare OE-2-10-120	Conference on research in the education of gifted children	9 942 00	May 1, 1962
United States Department of Health, Education, and Welfare OE-2-12-081	Plan of operation for a counseling and guidance training institute	19 926 00	February 2, 1962

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Navy Nonr-1459 (06)	Development of a gas chromatography technique for determination of adrenocortical steroids and investigate the effects of stresses on tissue metabolism	\$ 7 682 00	May 4, 1962
<i>Total</i>		<u>\$220 877 00</u>	

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
John Deere Co.	Rental of farm machinery, two items: \$16.50 and \$725.99	\$ 742 49	March 30, 1962
International Business Machines Corp.	IBM equipment: one printing punch; one control unit; one type-writer; one key punch; two type 056 verifiers; four card correction devices	2 539 20 (annual rental)	May, 1962
<i>Total</i>		<u>\$ 3 281 69</u>	

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Dairy Association	Effects of butterfat and corn oil in relation to the development of atherosclerosis	\$ 8 500 00	April 18, 1962
United States Air Force AF 30 (602) 2456	Millimeter and submillimeter receiver techniques	25 000 00	April 27, 1962
United States Air Force AF 33 (616) 5658	Effects of inelastic straining on various classes of metals, including high temperature	6 869 55	April 30, 1962
United States Air Force AF 33 (616) 7978	Solid film lubricant-binder phenomena	24 720 00	May 4, 1962
United States Air Force AF 33 (616) 8177	Deformation and fracture of crystalline solids under dynamic loading	40 000 00	May 7, 1962
United States Army DA 36-039-SC-85122	Techniques for military applications	1 400 000 00	April 27, 1962
United States Army DA 36-039-SC-87232	Fundamental properties of high density gaseous plasmas	74 842 00	April 24, 1962
United States Army DA 49-007-MD-794	Carcinogenicity of foods preserved by radiation	36 206 00	March 20, 1962
United States Army DA 49-193-MD-2047	Antiradiation drugs	9 494 00	April 30, 1962
United States Army DA 49-193-MD-2133	Biochemistry of the inhibitory or receptor-like substances with which influenza viruses react	53 378 00	May 16, 1962
United States Atomic Energy Commission AT (11-1) 791	Effect of x-ray irradiation on enzymatic activity and nucleic acid metabolism in seeds and seedlings of zea mays	6 375 00	April 30, 1962
United States Atomic Energy Commission AT (11-1) 878	Synthetic capacity of irradiated ciliates	10 600 00	April 30, 1962
United States Atomic Energy Commission AT (11-1) 890	Mechanism of radiation-induced addition of tritium to carbon-carbon double bonds	9 000 00	April 30, 1962
United States Atomic Energy Commission AT (11-1) 915	Crystallization of lead titanate from glasses in the PbO-TiO ₂ -SiO ₂ -Al ₂ O ₃	55 000 00	May 1, 1962
United States Department Health, Education, and Welfare SAE-8969	Productive thinking of gifted children	10 850 00	May 10, 1962
United States Navy Nonr-1834 (03)	Methods of analysis of structural and machine elements	40 000 00	May 4, 1962
United States Navy Nonr-1834 (15)	Design and development of selected computer components	10 000 00	April 17, 1962
United States Navy Nonr-2947 (01)	Unstable fracture in steels	30 000 00	May 1, 1962
United States Navy Nonr-2947 (02)	Mechanics of failure in glass fiber reinforced plastics	60 000 00	May 1, 1962
<i>Total</i>		<u>\$1 910 834 55</u>	

Adjustments Made in 1961-62 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Seventeen items: \$169.38 deduct to \$1,300.00	\$ 2 736 58	April and May, 1962
M. E. Hollett (Painting)	Nine items: \$1,768.00 deduct to \$20.81	5 530 67	April and May, 1962
<i>Total</i>		<u>\$ 2 794 09</u>	

This report was received for record.

INVESTMENT REPORT**Report of the Finance Committee**

(32) The Finance Committee reported the following changes in investments of trust funds from January 1 through March 31, 1962:

URBANA-CHAMPAIGN*Endowment Funds**Sale*

\$ 14 000	National Fuel Gas	47 $\frac{7}{8}$ %	5/1/86	\$ 14 700 00
1 000	U. S. Treasury bonds	2 $\frac{1}{2}$ %	6/15/72	880 00
175 shares	Avnet Electronics Corp. common stock			4 279 90
750 shares	J. C. Penney, common stock			35 854 86
6 shares	Standard Oil of New Jersey common stock			328 38

Purchase

\$ 10 000	Montgomery Ward Credit	31 $\frac{1}{8}$ %	9/12/62	\$ 9 843 75
10 000	U. S. Treasury bonds	2 $\frac{1}{2}$ %	8/15/63	9 887 50
11 000	Federal National Mortgage Association	4 $\frac{1}{4}$ %	6/12/73	11 035 00
14 000	Public Service Electric and Gas	47 $\frac{7}{8}$ %	9/1/87	14 665 00
1,500 shares	Tennessee Gas Transmission common stock			36 400 00

*Current Funds**Exchange*

\$ 500 000	U. S. Treasury notes	3 $\frac{5}{8}$ %	2/15/62 for
500 000	U. S. Treasury certificates	3 $\frac{1}{2}$ %	2/15/63

Purchases

\$ 500 000	U. S. Treasury bills		2/15/62	\$ 499 783 33
1 000 000	U. S. Treasury bills		3/1/62	996 038 75
650 000	U. S. Treasury bills		3/15/62	648 170 67
1 500 000	U. S. Treasury bills		3/29/62	1 493 714 44
200 000	U. S. Treasury bills		4/12/62	199 502 56
250 000	U. S. Treasury bills		4/15/62	249 236 11
700 000	U. S. Treasury bills		5/3/62	697 240 83
1 000 000	U. S. Treasury bills		5/31/62	993 350 00
700 000	U. S. Treasury bills		6/28/62	694 969 33
5 000	U. S. Treasury bonds	2 $\frac{1}{2}$ %	6/15/72-67	4 365 63

CHICAGO*Dentistry-Medicine-Pharmacy Auxiliary**Purchase*

\$ 125 000	U. S. Treasury bills		5/10/62	\$ 124 148 75
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Report of the Comptroller

The Comptroller reports the following changes in unexpended plant investments, over which he has authority:

URBANA-CHAMPAIGN*Construction Funds**Student Services Building (May 17, 1961)**Sale*

\$ 182 000	U. S. Treasury notes	4%	8/15/66	\$ 182 227 50
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Exchange

\$ 182 000	U. S. Treasury notes	3 $\frac{1}{4}$ %	2/15/62 for
182 000	U. S. Treasury notes	4%	8/15/66

Purchase				
\$ 70 000	U. S. Treasury bills	3/15/62	\$	69 648 48
60 000	U. S. Treasury bills	4/15/62		59 712 97
83 000	U. S. Treasury bills	7/15/62		82 108 48
73 000	U. S. Treasury bills	9/13/62		71 935 62

Pennsylvania Avenue Residence Hall (June 21, 1961)

Sale				
\$ 540 000	U. S. Treasury notes	4%	8/15/66	\$ 540 675 00
Exchange				
\$ 540 000	U. S. Treasury notes	3 $\frac{1}{4}$ %	2/15/62 for	
540 000	U. S. Treasury notes	4%	8/15/66	

Purchase				
\$ 145 000	U. S. Treasury bills	3/15/62	\$	144 388 06
70 000	U. S. Treasury bills	4/12/62		69 933 03
415 000	U. S. Treasury bills	7/15/62		410 552 61
25 000	U. S. Treasury bills	9/6/62		24 647 71

Illini Union and Health Center (December 21, 1960)

Sale				
\$ 50 000	U. S. Treasury notes	3 $\frac{5}{8}$ %	2/15/62	\$ 50 054 69
814 000	U. S. Treasury certificates	3 $\frac{1}{2}$ %	2/15/63	814 635 94

Exchange				
\$ 250 000	U. S. Treasury notes	3 $\frac{5}{8}$ %	2/15/62 and	
564 000	U. S. Treasury notes	4%	2/15/62 for	
814 000	U. S. Treasury certificates	3 $\frac{1}{2}$ %	2/15/63	

Purchase				
\$ 648 000	U. S. Treasury bills	8/16/62	\$	638 992 56
147 000	U. S. Treasury bills	7/15/62		145 259 19

Housing Revenue Bonds of 1960 Series A (Orchard Downs) (June 14, 1960)

Sale				
\$ 30 000	U. S. Treasury bills	2/15/62	\$	29 974 33

Purchase				
\$ 165 000	U. S. Treasury bills	2/15/62	\$	164 639 31
180 000	U. S. Treasury bills	3/15/62		179 714 40
150 000	U. S. Treasury bills	4/15/62		149 687 50
16 000	U. S. Treasury bills	5/17/62		15 946 60

Housing Revenue Bonds of 1959 Series C and D (Peabody Drive) (October 21, 1959)

Purchase				
\$ 50 000	U. S. Treasury bills	2/15/62	\$	49 859 92
205 000	U. S. Treasury bills	3/15/62		204 183 64
113 000	U. S. Treasury bills	4/15/62		112 389 11
130 000	U. S. Treasury bills	5/17/62		129 163 64
192 000	U. S. Treasury bills	6/14/62		190 689 60

Assembly Hall Revenue Bonds (June 23, 1959, and March 17, 1962)

Purchase				
\$ 12 000	U. S. Treasury bills	3/15/62	\$	11 981 12
82 000	U. S. Treasury bills	5/17/62		81 625 76
26 000	U. S. Treasury bills	9/6/62		25 633 62
698 000	U. S. Treasury bills	10/15/62		683 936 77
150 000	U. S. Treasury notes	3 $\frac{1}{4}$ % 11/15/62		150 445 31
150 000	U. S. Treasury bonds	2 $\frac{3}{4}$ % 12/15/62		149 578 13
150 000	U. S. Treasury bills	1/15/63		146 508 17

Housing Revenue Bonds of 1959 Series B (Graduate Housing) (June 23, 1959)

Purchase				
\$ 12 000	U. S. Treasury bills	2/23/62	\$	11 963 45
12 000	U. S. Treasury bills	3/29/62		11 974 79
12 000	U. S. Treasury bills	4/26/62		11 977 04

Housing Revenue Bonds of 1958 (December 17, 1958, and March 12, 1959)

Purchase				
\$ 30 000	U. S. Treasury bills	2/23/62	\$	29 908 63
30 000	U. S. Treasury bills	3/29/62		29 937 48
31 000	U. S. Treasury bills	4/26/62		30 940 69

Sinking Funds

Student Services Building (May 17, 1961)

Purchase

\$ 27 000	U. S. Treasury bills	3/22/62	\$ 26 938 29
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Housing Revenue Bonds (June 21, 1961, June 14, 1960, October 21, 1959, June 23, 1959, March 12, 1959, and December 17, 1958)

Purchase

\$ 36 000	U. S. Treasury bills	3/22/62	\$ 35 873 58
267 000	U. S. Treasury notes	3¼% 8/15/62	267 500 63

Men's Residence Halls of 1957 (November 18, 1959, and March 12, 1957)

Purchase

\$ 193 000	U. S. Treasury bills	3/22/62	\$ 192 540 66
36 000	U. S. Treasury notes	3¼% 8/15/62	36 050 63
157 000	U. S. Treasury notes	3¼% 2/15/63	157 000 00

Men's Residence Halls of 1956 (March 23, 1956)

Purchase

\$ 14 000	U. S. Treasury notes	3¼% 8/15/62	\$ 14 021 88
14 000	U. S. Treasury notes	3¼% 2/15/63	13 995 63
10 000	U. S. Treasury bonds	2½% 8/15/63	9 865 63

Women's Residence Halls of 1956 (September 18, 1956)

Purchase

\$ 2 000	U. S. Treasury bills	3/22/62	\$ 1 990 91
82 000	U. S. Treasury bonds	2½% 8/15/63	80 898 13

Revenue Bonds of 1952 (December 16, 1953)

Purchase

\$ 29 000	U. S. Treasury bonds	2½% 3/15/70	\$ 25 664 38
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CHICAGO

Dentistry-Medicine-Pharmacy Sinking Fund

Purchase

\$ 2 000	U. S. Treasury bonds	2½% 2/15/65	\$ 1 938 75
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On motion of Mr. Williamson, this report was received for record.

POLICY FOR INVESTMENT OF FUNDS AND INVESTMENT PROCEDURES

Policy

(33) The Finance Committee recommends the following procedure for the investment of funds, which is consistent with present practice but broadens the authority to invest current University funds in commercial paper, in certificates of deposit and interest-bearing accounts of certain banks, and in short-term government securities.

Investment of Current Funds

At the present time current funds are invested entirely in short-term government securities. It is possible to obtain a higher yield from other types of investment while at the same time maintaining the degree of safety of principal required. The Finance Committee recommends that the Board authorize the investment of current funds in:

1. United States government securities maturing not more than eighteen months from the date of purchase.
2. Certificates of deposit and special interest-bearing accounts maintained by certain banks. It is proposed that such investments be limited for the present to accounts or certificates of the Continental Illinois National Bank and Trust Company of Chicago, the First National Bank of Chicago, and the Harris Trust and Savings Bank.
3. Commercial paper in one of the following companies as recommended by investment counsel, maturing not more than one year after date of purchase, and with a limitation of \$500,000 in the paper of any one company: General Motors Acceptance Corporation, C.I.T. Financial Corporation, Commercial Credit Company, Sears Roebuck Acceptance Corporation, Beneficial Finance Corpora-

tion, Household Finance Corporation, General Electric Credit Corporation, International Harvester Credit Corporation, Ford Motor Credit Company, Montgomery Ward Credit Corporation.

Investment in certificates of deposit, special interest-bearing accounts, or commercial paper will be made when the yield is in excess of the yield on United States government securities for the period involved. The Vice-President and Comptroller recommends the approval of this broadened program.

Authorization for Sale of Capital Stocks

All capital stock owned by the Board is in its name. The present procedure for sale or transfer requires an approval by the Finance Committee of the Board followed by a resolution from the Board authorizing such. This is awkward and time consuming and may result in a loss, since several weeks may elapse from the time the recommendation is received from the investment counsel and approved by the Finance Committee until it is possible to secure the resolution and make the sale. Accordingly, the Finance Committee recommends that the following resolution be adopted by the Board, which will eliminate the necessity of submitting each transaction to the Board for specific approval and will enable the Treasurer of the Board of Trustees of the University to execute documents necessary to sell capital stock..

Resolution

Resolved, that the Treasurer of The Board of Trustees of the University of Illinois, a public corporation, is authorized in his discretion to sell, assign, or transfer to any assignee or transferee for or on behalf of this corporation and in its name any and all shares of capital stock or any voting trust certificates representing the right to receive shares of stock or any registered bonds or other securities of any other corporation owned by this corporation and for the purpose of effecting any such sale or transfer, C. W. Weldon, the Treasurer of this corporation, be and he hereby is authorized to execute in the name of this corporation and on its behalf all assignments which may be necessary and that A. J. Janata, Secretary of this corporation, be and he hereby is authorized to attest to the authority of C. W. Weldon, Treasurer, to execute the aforesaid documents.

The Treasurer will exercise the authority granted by such resolution only after being notified by the Comptroller of the approval of the Finance Committee for the sale as provided in the following procedure. The Secretary of the Board will attest to the validity of the resolution and to the authority of the Treasurer to sign the documents.

Procedures

Endowment and Loan Funds

The "prudent man" concept, as authorized by statute of the state of Illinois providing for investment by a Trustee, shall be followed in the investment of endowment funds. Such investments may be made in various types of securities, including but not limited to bonds and common and preferred stocks. These are the types of investment media utilized by the Board at the present time. Real estate is often received as a gift to create an endowment fund and may be retained. However, all purchases of real estate or real estate mortgages shall be presented to the Board for special approval. Cash in student loan funds, if temporarily not needed for loans, may be invested in United States government securities.

A bank will continue to be engaged to act as investment counsel and safe-keeping agent for all investments of these funds, and will submit recommendations to the Comptroller for the purchase and sale of securities. Such advice, together with the comments of the Comptroller, shall be submitted to the Finance Committee of the Board of Trustees for approval.¹ The decision of the Finance Committee will be returned to the Comptroller, if favorable orders shall be placed with the bank for the purchase or sale of securities. Such orders shall be signed by the Comptroller and the Secretary, or their designates, acting for the Board of Trustees. After execution of the order, if a purchase, the Comptroller shall make payment, and if a sale, he will notify, if required, the Treasurer of the University who has been authorized by the Board to execute any required documents. Common and preferred stock will be registered in the name of the

¹ The 1939 Board policy provides for such approval by the full Board except when emergency action is required.

Board of Trustees and other securities may be so registered if in the opinion of the Safekeeping Agent this is desirable. The Comptroller may act in the following situations without reference to the Finance Committee or the Board: (1) To exchange maturing obligations of the United States government when offered by the United States Treasury for new securities and (2) the sale or other disposition of stock rights or fractional shares acquired to common stocks held when the amounts involved are nominal. The purchase, sale, and exchange of all securities shall be reported to the Board of Trustees at least quarterly.

Current Funds

The Comptroller may invest cash in current funds in short-term securities of the United States government, in special interest-bearing accounts or certificates of deposits of specified banks or in high quality short-term corporate obligations. Investment counsel's advice shall be obtained by the Comptroller before proceeding with these investment transactions; and all purchases, sales, and exchanges of securities shall be reported to the Board of Trustees quarterly. All securities thus acquired shall be purchased, held, and disposed of by the Safekeeping Agent designated by the Board of Trustees, as provided herein.

Construction and Sinking Funds

The fiduciary designated by the bond indenture and authorized by resolution of the Board of Trustees shall act as investment counsel and safekeeping agent for securities acquired. Investments shall be made by the Comptroller in United States government securities in accordance with provisions of the indenture. All sales, purchases, and exchanges of securities shall be reported to the Board of Trustees quarterly.

General

The maturity or call for redemption of bonds and other obligations used as investment media need not be reported to the Board of Trustees.

On motion of Mr. Swain, the recommended policy for investments of funds was adopted, and the investment procedures were approved.

PURCHASES

Purchases Authorized

(34) The following purchases were authorized by the Executive Vice-President and Provost, for the President, pursuant to authorization by the Board of Trustees to act on recommendations for purchases under International Cooperation Administration, now Agency for International Development, contracts. The purchases will be from funds supplied by the Agency for International Development under its contract with the University for educational services to institutions of higher education in India.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One lot of laboratory equipment, including microscopes, slide projectors, and optical accessories	Agency for International Development	Bausch & Lomb, Inc., Rochester, New York	\$21 881 49 f.a.s. New York
Two tractors, 7 h.p., air-cooled gasoline engine, three forward, three reverse, dual range speed reduction transmission, with implement lift, dual rear wheels, steering wheel, generator, battery, electric starter and the following accessories: one mold board plow, 10 in. plow frame assembly; one plow base; one cultivator; one disc-harrow; one sickle mower with one drive unit and one cutterbar unit; one bulldozer with one blade and one lift assembly; one tiller with regulator; one rotary mower, 30 in. triple rotor, with leaf mulcher; one set wheel weights; and one dump, heavy duty, $\frac{1}{4}$ ton, 36 in. x 47 in. hinged tailgate	Agency for International Development	Beaver Industries, Inc., New Hartford, Conn.	3 068 32 f.a.s. New York

On motion of Mr. Johnston, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One electron microscope	Aeromedical Laboratory	Philips Electronic Instrument, Mt. Vernon, N.Y.	\$13 975 00 delivered
One 20 in. x 20 in. x 36 in. electric laboratory sterilizer	Pharmacognosy and Pharmacology	Wilmot Castle Co., Rochester, N.Y.	4 480 00 delivered
Intravenous fluids and administration sets for use in Research and Educational Hospitals, from July 1, 1962, through June 30, 1963, subject to renewal for one year	Pharmacy	Abbott Laboratories, Franklin Park	58 571 96 delivered
Porcelain denture teeth, as required during the period from July 1, 1962, through June 30, 1963	Prosthodontics Clinic	Harry B. Price, Inc., Chicago	2 500 00 delivered
One fourteen-track magnetic tape transport to be used in psycho-physiological research on infants	Psychiatry	Pivan Engineering Co., Chicago	9 800 00 f.o.b. San Carlos, Calif.
X-ray equipment for the Medical Sciences Addition to the Research and Educational Hospitals, less trade-in allowance for one used 70 mm. roll film camera	Radiology	Picker X-Ray Corp., Chicago	72 300 00 delivered
Three-year general liability coverage, with limits of \$50,000/\$250,000 bodily injury and \$100,000 property damage on an occurrence basis, including permanent alterations permit and elevator liability coverage, in the interests of the Board of Trustees of the University of Illinois as Lessee and the city of Chicago as Lessor; coverage applicable to the Undergraduate Division, Navy Pier	Physical Plant	Rollins Burdick Hunter Co., representing the Continental Casualty Co.	2 628 80

Urbana-Champaign Departments

One electronic training assembly, consisting of electronics lecture demonstration unit, transistor lecture demonstration unit, accessory kit for each; four instructor manuals and twenty student laboratory manuals, military nomenclature OA-1172/GSQ-T4 (Trainer Kit Electronic Circuit)	Institute of Aviation	Philco Corp., TechRep Division, Philadelphia, Pa.	\$ 2 717 65 f.o.b. delivered
9,600 pints acetone, reagent grade 6,980 pints methyl alcohol, anhydrous, reagent 5,520 pints chloroform, reagent 8,640 pounds ether, reagent, anhydrous in cans 2,304 pounds ether, U.S.P. in one-pound cans 1,080 pounds ether, U.S.P. in five-pound cans Estimated one-year supply	Chemistry Stores	Mallinckrodt Chemical Works, St. Louis, Mo.	11 072 88 f.o.b. delivered
One lot of laboratory apparatus including an incubator, centrifuge and accessories, spectrophotometer and accessories, microscope, waterbath, magnetic stirrers and glass scoring files, estimated three-month supply	Chemistry Stores	Chicago Apparatus Co., Chicago	3 237 34 f.o.b. delivered
One lot of laboratory microglassware, estimated one-year supply, to be used in teaching and research in micro-organic chemistry (a complete list of the items included in this purchase was available at the Board meeting)	Chemistry Stores	Research Apparatus, Inc., Franklin Park	6 493 55 f.o.b. delivered
One mirror stereoscope with obliquely positioned eyepieces, for viewing stereo pictures Six photo-holders with eight permanent magnets for quick orientation of stereo pairs in photo interpretations One parallax bar for micrometric parallax measurement, and accessories, for three dimensional viewing of aerial and terrestrial photographs	Civil Engineering	Transmares Corp., New York, N.Y.	3 695 58 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One recorder, X-Y, 20 inches per second recording time; sixteen calibrated ranges for each axis; 200,000 ohms input resistance per volt on ranges through 1.0 volts per inch, two meg-ohms on higher ranges; accuracy better than 0.20 per cent of full scale; with brackets and carrying handle	Coordinated Science Laboratory	F. L. Moseley Co., c/o Crossley Associates, Chicago	\$ 2 665 00 f.o.b. Pasadena, Calif.
Two paper tape print readers consisting of an eight-level punched paper tape reader, controlling an electric type-writer, key or push button controls, all electrical circuitry and power supplies, printing speed at least 7½ characters per second	Digital Computer Laboratory	Soroban Engineering, Inc., Melbourne, Fla.	14 850 00 f.o.b. destination
Two key punches consisting of coding keyboard, paper tape punch, controls, and power supplies			
Plastic modular hardware as follows: 7,500 card guides 14,500 spacers 3,600 ejectors	Digital Computer Laboratory	Applied Development Corp., Monterey Park, Calif.	3 446 00 f.o.b. delivered
Transistor bay printed circuit bus strips, extrusion die, and jigs as follows: 48 strips of 68 groups 6 strips of 32 groups 24 strips of 24 groups 40 strips of 24 groups 15 only 12 ft. long 1 extrusion die 4 drill jigs	Digital Computer Laboratory	Hansvedt Engineering, Urbana	3 001 00 f.o.b. delivered
Antenna test range instrumentation, including: basic three-axis ground plane positioner, control unit, indicator panel, and set of 20-foot long cables	Electrical Engineering	Scientific-Atlanta, Inc., Atlanta, Ga.	39 205 00 f.o.b. Atlanta, Ga.
One set remote equipment of AN/GRD-501 direction finding system consisting of one each RF oscillator, set of power supply units, RF tuner amplifier, bearing reference, mixer stage NS, mixer stage WE, 400 cps amplifier, intercom panel, set of cables, and two racks	Electrical Engineering	General Precision Industries, Ltd., Montreal, Province of Quebec, Canada	13 870 00 f.o.b. Granby, Province of Quebec, Canada
One optical comparator, for fast, accurate evaluation of ultracentrifuge photo plates, having a micrometer stage with both metric micrometers having a full two-inch travel and accessories for securing photo plates	Food Technology	Nikon, Inc., New York, N.Y.	2 982 63 f.o.b. delivered
Examinations and technical grading services, special graduate record types, for the period of July 1, 1962, through June 30, 1963, as follows: 1,800 aptitude tests 18 advanced tests 826 advanced and aptitude tests	Graduate College	Educational Testing Service, Princeton, N.J.	8 262 00 f.o.b. Princeton, N.J.
Eight power supplies, d.c., regulated, maximum voltage 200 volts minimum output, maximum current 15 amps d.c. output, regulation for plus or minus 10 per cent line or load variation 0.1 per cent	Mechanical and Industrial Engineering	Spectromagnetic Industries, Hayward, Calif.	13 400 00 f.o.b. delivered
Centrifuge, special laboratory, vapor-tite, stainless steel, for rapid harvesting of micro-organisms from 50-100 gallon batch fermenters	Microbiology	The Sharples Corp., Chicago	7 904 00 f.o.b. delivered
One nuclear data process unit, for removing background interference from accumulated data, and reduction of complex spectra to a series of simple spectra, and accessory	Physics-Betatron	Radiation Counter Laboratories, Inc., Skokie	3 140 00 f.o.b. delivered and installed
One superconducting magnet system consisting of two superconducting solenoids and one power supply; field of 15 kilogauss when in a liquid helium environment at 4.2°K, rated current 14 amperes, program time to selected field approximately ten minutes; for use in Physics research sponsored by the Atomic Energy Commission	Physics	Westinghouse Electric Corp., Peoria	7 320 00 f.o.b. point of shipment, freight prepaid

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One electromagnet, four-inch, with one pair cylindrical pole caps	Physics	Varian Associates, Palo Alto, Calif.	\$ 4 805 00
One power supply			f.o.b.
One current regulator			delivered
One mobile cabinet			
One detector, nuclear magnetic resonance, field range 4 to 64 mc in 4 bands, proton range at 4.27 mc/kg-940 to 15,000 gauss, lithium range at 1.66 mc/kg-9,600 to 38,400 gauss; and one crystal calibrator for above	Physics	Spectromagnetic Industries, Hayward, Calif.	3 045 00
			f.o.b.
			delivered
One chromatograph, gas, with flame ionization attachment, recorder and fraction delivery system; to be used in the bio-synthesis of beta-nitropropionic acid, fatty acid analysis, and the study of the cellular constituents of spores	Plant Pathology	F&M Scientific Corp., Avondale, Pa.	3 395 00
			f.o.b.
			delivered
One language laboratory, 27 place, with all 27 to be audio-active-compare system	University High School	Carroll Seating Co., Chicago	10 738 00
			f.o.b.
			delivered
			and installed
One physiograph comprehensive system and accessories to be used in teaching the universal measurement of the various body functions such as brain activity, circulatory action of the blood, contraction of the muscles, and kidney function	Veterinary Medicine	E&M Instrument Co., Inc., Houston, Tex.	2 870 00
			f.o.b.
			delivered
One electron microscope with accelerating voltages from 50,000 to 100,000 volts; astigmator built into; resolving power 10 angstrom units or better; double condenser lens system; magnification range 200 to 250,000 times; and one year service contract	Zoology	Erb & Gray Scientific, Inc., Oak Park	28 500 00
			f.o.b.
			delivered
			and installed
The Henry Clinton Hutchins Collection of 400 titles relating to Daniel Defoe and other eighteenth-century literary figures	Library	C. A. Stonehill, Inc., New Haven, Conn.	20 000 00
One recorder, TV tape, used, with three narrow track head assembly (0.0005 in. track)	Office of Instructional Television	Radio Corp. of America, Chicago	43 245 00
			f.o.b.
			delivered
One two-speed, 7½ and 15 i.p.s. conversion			
One test meter			
One module test assembly			
Five rear doors for tape machine racks			
Redactory service and printing and binding 1,500 copies of <i>Advances in Neuroendocrinology</i> , by A. V. Nalbandov, approximately 808 pages per copy	University Press	Waverly Press, Inc., Baltimore, Md.	11 800 50
			f.o.b.
			delivered
175 uniforms for Army advanced R.O.T.C. students	Military	Esquire Uniform Co., St. Louis, Mo.	30 135 75
			f.o.b.
			delivered
90 uniforms for Air Force advanced R.O.T.C. students			
For 1962-63 school year			
Cleaning services for Air Force R.O.T.C. basic uniforms for the period June 1, 1962, through June 30, 1963 (estimated total pieces 13,575) to replace services provided during the first half of the cleaning period by the Paris Dyeing & Cleaning Co., which has ceased operations	Military Property Custodian	Royal Cleaners & Laundry, Champaign	3 000 00
			f.o.b.
			picked up and delivered
Approximately 72,000 identification card (I.D.) prints, size 2¼ x 3¼, of students for first and second semesters and summer session for school year 1962-63	Security Office	Champaign Blueprint, Champaign	2 768 40
			f.o.b.
			delivered
Eight issues (approximately 32,000 copies per issue, sixteen 11 in. x 17 in. pages per copy) <i>Illinois Alumni News</i> , July, October, November, December, 1962, February, March, April, June, 1963	Alumni Association	Tazewell Publishing Co., Morton	21 506 00
			f.o.b.
			delivered
Two issues (approximately 95,000 copies per issue, eight 11 in. x 17 in. pages per copy) <i>Illinois Alumni News</i> , Fall, 1962, and Spring, 1963			

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Furnish and install new steam heating boiler in Allerton House and remove existing steam heating boiler which was installed in 1924; the new boiler is designed for stoker operation and will be capable of burning hard or soft coal with output of 1,844,000 BTU/hr	Allerton House	E. E. Hubbard & Son, Monticello	\$ 4 073 00 f.o.b. delivered and installed
Item 1	Housing	Fashion Seal Uniforms,	2 712 96
96 dozen white uniforms, princess style	Division	Huntington, New York	
Item 2		Item 1	
25 dozen tea aprons		Fuller Uniform Co.,	417 12
12 dozen bib aprons		Dallas, Texas	(3 130 08)
24 dozen headband holders		Item 2	f.o.b. delivered
12 dozen bandettes			
Furnish and install draperies and hardware for student rooms in Pennsylvania Avenue Residence Hall; drapery material to be sanforized, 38 in. width; hardware to be ¾ in. x ¾ in. aluminum I beam:	Housing	Edwin Raphael Co., Inc., Chicago	11 324 44 f.o.b. delivered and installed
52 windows 8 ft. 6 in. x 5 ft. 6 in.			
464 windows 11 ft. 6 in. x 5 ft. 6 in.			
16 windows 9 ft. 6 in. x 5 ft. 6 in.			
Furnish and install draperies, as follows, in the Pennsylvania Avenue Residence Hall:	Housing	Art Drapery Studios, Inc., Chicago	5 299 28 f.o.b. delivered and installed
Eight windows in head resident apartments, approximate size (each window) 11 ft. 2 in. x 5 ft. 6 in.	Division		
Eight windows in dining rooms, approximate size (each window) 21 ft. 6 in. x 11 ft. 7 in.			
One window in game room approximate size (each window) 20 ft. 6 in. x 11 ft. 7 in.			
Four windows in study lounges, approximate size (each window) 7 ft. x 11 ft. 7 in.			
Four windows in lounges, approximate size (each window) 22 ft. 6 in. x 11 ft. 7 in.			
Four windows in lounges, approximate size (each window) 13 ft. 10 in. x 11 ft. 7 in.			
Four bedspreads to match draperies in head resident apartment			
China, fully vitrified, to equip Pennsylvania Avenue Residence Hall and for Central Food Stores stock:	Housing	American China & Glassware Co., Chicago	12 721 50 f.o.b. delivered
250 dozen plates, dinner 9½ in.	Division		
600 dozen plates, salad 6½ in.			
50 dozen cups, 7¼ ounce			
150 dozen saucers, 5¾ in.			
600 dozen soup nappies, 6¾ in.			
250 dozen dinner knives, solid handles, silver plated or stainless steel	Housing	International Silver Co., Chicago	7 442 00 f.o.b. delivered
450 dozen utility forks	Division		
700 dozen teaspoons, 5 oz.			
250 dozen spoons, bouillon			
To equip Pennsylvania Avenue Residence Hall and replenish stock in the Central Food Stores for future replacement			
Eight clothes dryers, commercial type, steamheated, 37 in. x 18 in. tumbler, dry weight capacity 30 pounds, for use in Pennsylvania Avenue Residence Hall	Housing	Loomis Brothers Equipment Co., St. Louis, Mo.	3 232 82 f.o.b. delivered
Division			
510 dozen sheets, first quality, size 63 x 108, thread count 140	Housing	Kansas City White Goods Mfg. Co., Kansas City, Mo.	9 577 80
90 dozen pillow covers made from 8 oz. A.C.A. ticking to fit 21 in. x 27 in. pillows	Division	Sheets	
For Pennsylvania Avenue Residence Hall		American Textile Distributors, Philadelphia, Pa.	680 40 f.o.b. delivered
		Pillow Cases	

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Silver flatware as follows:	Illini Union	E. A. Hinrichs & Co., Chicago	\$ 8 543 32 f.o.b. delivered
120 dozen knives, hollow handle			
150 dozen butter spreaders, flat handle			
200 dozen forks, dessert			
120 dozen forks, salad			
100 dozen forks, oyster			
48 dozen spoons, bouillon			
12 dozen spoons, iced tea			
10 dozen knives, steak			
300 dozen teaspoons			
Base Bid I	Illini Union	Karoll's, Inc., Chicago	10 254 80
300 cafeteria tables			
Base Bid II		Base Bid I	
700 cafeteria chairs, Thonet No WCS 2924		S. Buckman Furniture & Supply, Spring Valley	19 592 16
Base Bid III		Base Bid II	
1,400 stacking chairs, Tri-Par No. 5315		Rochelle's, Inc., Chicago	29 470 00 (59 316 96)
These items are for the Illini Union Addition cafeteria in Illini Room		Base Bid III	f.o.b. delivered
Light fixtures, fluorescent, 8-foot long, with rapid start, "A," sound-rated ballasts for 40-watt lamps; 60 with metal louvers; 60 with acrylic plastic wrap-around lenses, for use in the main Library to improve lighting by replacing existing incandescent light fixtures with fluorescent fixtures to provide a higher degree of illumination and better diffusion of light	Physical Plant	Danville Electric Supply Co., Danville	10 234 18 f.o.b. delivered
Furnish labor, necessary equipment, and material to resurface with asphalt approximately 4,000 square yards of existing concrete tennis courts on east side of Women's Gymnasium	Physical Plant Storeroom	Champaign Asphalt Co., Champaign	7 460 00 f.o.b. delivered
Two air-conditioning units, commercial self-contained, 59,000 BTU/hr. cap- acity for installation in Natural Hist- ory Library	Physical Plant Storeroom	Wilson Electric Co., Peoria	2 673 00 f.o.b. delivered
Comprehensive automobile bodily in- jury and property damage insurance at liability limits of \$300,000/\$500,000 bodily injury and \$50,000 property damage covering all owned, non- owned and hired vehicles used in the pursuit of University business; cover- age includes \$2,000 medical payments on 28 units, and collision and com- prehensive coverage on 19 units oper- ated, or owned by related agencies; coverage is to be written for five years on an annual premium basis with initial estimated annual premium of \$10,817.27	Physical Plant	H. R. Bresee & Co., Champaign, representing the American Casualty Co. of Reading, Pa.	10 817 27 estimated annual premium

On motion of Mr. Johnston, these purchases were authorized.

APPOINTMENT OF ASSOCIATE DIRECTOR OF THE AGRICULTURAL EXPERIMENT STATION

(35) The Dean of the College of Agriculture and Director of the Agricultural Experiment Station and Director of the Extension Service recommends the appointment of Dr. Morell Belote Russell, presently Professor of Soil Physics and Head of the Department of Agronomy, as Professor of Soil Physics on indefinite tenure and Associate Director of the Agricultural Experiment Station for one year from September 1, 1962, at a salary of \$22,300 on a twelve-month service basis.

The appointment of Associate Director is to fill the vacancy which will be created by the retirement at the end of the current academic year of Professor Tom S. Hamilton of the Department of Animal Science who has also served as Associate Director since 1954.

Professor Russell's appointment is recommended after consultation with the Executive Committee of the College of Agriculture and is endorsed by the Dean of the Graduate College and the Executive Vice-President and Provost.

I concur.

On motion of Mr. Hughes, this appointment was approved.

DEGREES CONFERRED IN JUNE

The Secretary presented for record the following lists of degrees conferred at the Medical Center exercises on June 8, 1962, and on the other dates indicated, and at Urbana-Champaign on June 16, 1962, in accordance with the authorization of the Board of Trustees.

Summary**Honorary Degrees, conferred at Urbana:**

Doctor of Laws.....	2
Doctor of Science.....	1
<i>Total, Honorary Degrees.....</i>	<i>(3)</i>

Degrees in the Graduate College, conferred at Urbana:

Doctor of Philosophy.....	155
Doctor of Education.....	6
Doctor of Musical Arts.....	2
Master of Arts.....	103
Master of Science.....	299
Master of Music.....	3
Master of Education.....	88
Master of Social Work.....	28
Master of Fine Arts.....	7
Master of Accounting Science.....	5
Master of Architecture.....	8
Master of Laws.....	3
Master of Commerce.....	2
Master of Business Administration.....	6
Advanced Certificate in Education.....	10
<i>Total, Graduate College.....</i>	<i>(725)</i>

Degrees in Law, conferred at Urbana:

Bachelor of Laws.....	59
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Degrees in Veterinary Medicine, conferred at Urbana:

Bachelor of Science.....	38
Doctor of Veterinary Medicine.....	34
<i>Total, Veterinary Medicine.....</i>	<i>(72)</i>

Baccalaureate Degrees, conferred at Urbana:

Bachelor of Science, College of Agriculture.....	196
Bachelor of Science, College of Engineering.....	278
Bachelor of Arts, College of Liberal Arts and Sciences.....	379
Bachelor of Science, College of Liberal Arts and Sciences.....	250
Bachelor of Science, College of Education.....	184
Bachelor of Science, College of Commerce and Business Administration.....	223
Bachelor of Science, College of Journalism and Communications.....	59
Bachelor of Architecture, College of Fine and Applied Arts.....	51
Bachelor of Fine Arts, College of Fine and Applied Arts.....	49
Bachelor of Music, College of Fine and Applied Arts.....	7
Bachelor of Science, College of Fine and Applied Arts.....	32
Bachelor of Science, College of Physical Education.....	72
<i>Total, Baccalaureate Degrees.....</i>	<i>(1,780)</i>
<i>Total, Degrees Conferred at Urbana.....</i>	<i>(2,639)</i>

Degrees in the Graduate College, conferred at Chicago:

Doctor of Philosophy.....	18
Master of Science.....	38
<i>Total, Graduate College.....</i>	<i>(56)</i>

Degrees in Dentistry, conferred at Chicago:

Bachelor of Science.....	51
Doctor of Dental Surgery.....	71
<i>Total, Dentistry.....</i>	<i>(122)</i>

Degrees in Medicine, conferred at Chicago:

Bachelor of Science in Occupational Therapy.....	9
Doctor of Medicine.....	173
<i>Total, Medicine.....</i>	<i>(182)</i>

Degrees in Nursing, conferred at Chicago:

Bachelor of Science.....	24
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Degrees in Pharmacy, conferred at Chicago:

Bachelor of Science.....	111
<i>Total, Degrees Conferred at Chicago</i>	(495)
<i>Total, Urbana and Chicago.</i>	3,134

*Degrees Conferred at Urbana***HONORARY DEGREES****Degree of Doctor of Laws**

ALBERT JAMES HARNO, LL.B., Litt.D., LL.D.
JAMES BARRETT RESTON, B.S., Litt.D., LL.D.

Degree of Doctor of Science

WILLIAM CUMMING ROSE, Ph.D., D.Sc.

GRADUATE COLLEGE**Degree of Doctor of Philosophy***In Accountancy*

ALBERT JAY HIRSCH, A.B., M.S., Pennsylvania State University, 1953, 1956
THOMAS RICHARD PRINCE, B.S., M.S., Mississippi State University, 1956, 1957

In Aeronautical and Astronautical Engineering

SRIDHAR MAHADEVASASTRY RAMACHANDRA, Diploma, Indian Institute of Science, 1952; B.Eng., University of Mysore, 1958

In Agricultural Economics

CURTIS LAVERNE AHRENS, B.S., M.S., Kansas State University, 1953, 1958
ERNEST D GOOCH, JR., B.S., M.S., University of Kentucky, 1947, 1949
HAROLD DANIEL GUITHER, B.S., M.S., 1949, 1950
ALBERT HERMAN HARRINGTON, B.S., M.S., Cornell University, 1938, 1939
JAI KRISHNA, B.S., M.S., Agta University, 1953, 1955
JOHN JOSEPH SCULLY, B.Agr.Sc., University College (Dublin), 1951; M.S., 1960

In Agronomy

BILLY JOE GOSSETT, B.S., University of Tennessee (Martin Branch), 1957; M.S., 1959
ROBERT LEWIS JONES, B.S., M.S., Ohio State University, 1958, 1959
LAWRENCE PAUL WILDING, B.S., M.S., South Dakota State College, 1956, 1959
CHARLES ALBERT WILSON, B.S., M.S., Oklahoma State University, 1955, 1956

In Botany

EDWIN HORACE DAUBS, A.B., M.S., 1942, 1959
HELEN McHENRY PETERSON, A.B., Oberlin College, 1955; M.S., 1957

In Business

DONALD HERMAN HAGE, B.S.C., M.B.A., University of Denver, 1943, 1947
WALTER LEROY OGILVIE, B.S., M.S., University of Alabama, 1949, 1950

In Chemical Engineering

DIBYENDU NARAYAN GHOSH, B.Ch.E., Jadavpur University, 1956; M.S., 1960
LEWIS PHILIP REISS, B.Ch.E., University of Delaware, 1958; M.S., 1960
GEORGE ALBERT SAMARA, B.S., University of Oklahoma, 1958; M.S., 1960
GEORGE FREDERICK SCHEELE, B.S.E., Princeton University, 1957; M.S., 1959
RICHARD EUGENE TISCHER, B.Ch.E., University of Dayton, 1958; M.S., 1960

In Chemistry

SUZANNE BETH BROOKS, B.S., Wheaton College, 1957
ROBERT LEONARD CARLSON, A.B., University of Minnesota, 1958
THOMAS ARNOLD DONOVAN, A.B., Knox College, 1959
ERNEST HAROLD DREW, B.S., University of Georgia, 1958; M.S., 1959
MELVIN HOWARD GREEN, B.S., University of Pittsburgh, 1958; M.S., 1960
HERBERT JOHN HAVERA, B.S., Bradley University, 1958; M.S., 1960
CONRAD FRANK HEINS, A.B., Drew University, 1959; M.S., 1961

DAVID NELSON HOLCOMB, B.S., University of Nebraska, 1958
 CARL RANDOLPH JOHNSON, B.S., Medical College of Virginia, 1958
 SIDNEY HENRY METZGER, JR., B.S., University of Alabama, 1951; M.S., Agricultural and Mechanical College of Texas, 1956
 N. S. SUNDARA RAJAN, B.S., B.S., M.S., University of Mysore, 1941, 1949, 1951; M.S., 1959
 ROBERT JAY SAUER, A.B., North Central College, 1958
 SIAO-FANG SUN, Graduate, National Chengchi University, 1945; A.M. (Phil.), University of Utah, 1950; M.S. (Chem.), Loyola University, 1956; Ph.D., University of Chicago, 1958
 JOHN WILLIAM VAN DYKE, JR., A.B., Hope College, 1958
 DONALD KEITH WEDEGAERTNER, B.S., University of California (Berkeley), 1958
 JEROME EDWARD WULLER, B.S., St. Louis College of Pharmacy and Allied Sciences, 1955; A.M., Washington University, 1958

In Civil Engineering

FURMAN WYCHE BARTON, B.C.E., University of Virginia, 1954; M.S., 1959
 KISHOR DHARAMSI DOSHI, B.Eng., Sardar Vallabhbhai Vidyapeeth, 1959; M.S., 1959
 WILLIAM LEO GAMBLE, B.S., Kansas State University, 1959; M.S., 1961
 HAROLD SEICHI HAMADA, B.S., University of Hawaii, 1957; M.S., 1958
 JOSEPH CLARENCE OPPENLANDER, B.S., Case Institute of Technology, 1953; M.S., Purdue University, 1957
 ABDUL GHAFFOR QAISSAUNEE, B.S., University of Wyoming, 1955; M.S., 1960
 WILLIAM COURTNEY SCHNOBRICH, B.S., M.S., 1953, 1955
 WARREN ARTHUR SHAW, B.S., M.S., University of Kansas, 1949, 1952
 KRISHAN PIARA SINGH, A.B., University of Panjab, 1946; B.Eng., University of Roorkee, 1950; M.S., State University of Iowa, 1958

In Communications

SARI JAMIL NASIR, A.B., Roosevelt University, 1956; A.M., University of Chicago, 1958

In Dairy Science

CHARLES NORMAN GRAVES, B.S., Oklahoma State University, 1958; M.S., 1959

In Dairy Technology

JOHN CAMPBELL COLMEY, B.S., M.S., Colorado State University, 1953, 1958

In Economics

RUTH ARLINE BIRDZELL, B.S., M.S., 1947, 1952
 MERL LEE FARMER, B.S., University of Idaho, 1937; A.M., University of Chicago, 1951

In Education

BARBARA DEE BATEMAN, B.S., University of Washington, 1954
 DAVID PHILLIP BUTTS, B.S., Butler University, 1954; M.S., 1960
 CORRINE EVELYN KASS, A.B., Calvin College, 1950; A.M., University of Michigan, 1955

In Electrical Engineering

LEO VICTOR AUTH, JR., B.S., M.S., Case Institute of Technology, 1953, 1955
 RAY SCOTT BASHAM, B.S., United States Military Academy, 1945; M.S., 1952
 JAMES LEROY DIVILBISS, B.S., Kansas State University, 1952; M.S., 1955
 OSCAR LEE GADDY, B.S., M.S., University of Kansas, 1957, 1959
 SETSUO ICHIMARU, B.S., M.S., University of Tokyo, 1958, 1960
 RICHARD JAY KENYON, B.S., M.S., 1955, 1956
 HARRY GENE LAFUSE, B.S., Purdue University, 1957; M.S., 1958
 KOTCHERLAKOTA VENKATA NARASINGA RAO, B.S., Andhra University, 1952; Diploma, Indian Institute of Science, 1955; M.S., 1957
 MAURICE ETHELBERT SUHRE, JR., B.S., Missouri School of Mines and Metallurgy, 1956; M.S., 1958
 RICHARD LEE SYDNOR, B.S., M.S., 1952, 1953
 CHIEN-HUI TANG, B.S., National Taiwan University, 1956; M.S., 1957
 JOSEPH THOMAS VERDEYEN, B.S., Rose Polytechnic Institute, 1954; M.S., Rutgers University, 1958

In English

GLENN OWAROFF CAREY, A.B., A.M., Pennsylvania State University, 1948, 1949

- JOHN ROBERT ELWOOD, A.B., Lewis and Clark College, 1949; A.M., State College of Washington, 1951
DAVID YERKES HUGHES, A.B., University of California, 1951; A.M., Columbia University, 1955
JAMES MALCOLM MACINTYRE, A.B., A.M., University of Pittsburgh, 1947, 1952
PHYLLIS ROSALYN RACKIN, A.B., New Jersey College for Women, 1954; A.M., Alabama Polytechnic Institute, 1957
JOHN RICHARD ROBERTS, A.B., Indiana State Teachers College, 1955; A.M., 1957
ERWIN PAUL RUDOLPH, A.B., Greenville College, 1938; A.M., Ohio State University, 1944
AILEEN STEPHENS WALLS, A.B., Howard Payne College, 1938; A.M., University of Arkansas, 1947
EUGENE NEWCOMB YARRINGTON, JR., A.B., A.M., Boston University, 1949, 1951

In Entomology

- HUGH BENSON CUNNINGHAM, B.S., M.S., Alabama Polytechnic Institute, 1950, 1953
JAMES FRANCIS McALPINE, B.S.A., Ontario Agricultural College, 1950; M.S., 1954
REGINALD JOSEPH ROBERTS, A.B., Walla Walla College, 1957; M.S., 1959

In Finance

- RANDALL BENNETT HAYDON, B.B.A., M.B.A., University of Massachusetts, 1954, 1958

In Food Technology

- HIROSHI KIMURA, B.Agr., M.Agr., Kyoto University, 1956, 1958
ROBERT WALLACE LARSON, A.B., Augustana College, 1955; M.S., 1960

In Geography

- HENRY ARMSTRONG RAUP, A.B., Kent State University, 1955; A.M., 1957
STEPHEN MERTON SUTHERLAND, A.B., A.M., Indiana University, 1952, 1955
JAMES ANDISON TAYLOR, A.B., Kent State University, 1954; M.S., 1956

In Geology

- CALVIN STANTON BROMFIELD, B.S., M.S., University of Arizona, 1948, 1950
ALAN HALL COOGAN, A.B., A.M., University of California (Berkeley), 1956, 1957
ALBERT LEE GUBER, B.S., University of Pittsburgh, 1957
JESS DALE HULSEY, B.S., Lamar State College of Technology, 1958; M.S., 1960
JOHN PAUL KEMPTON, B.S., Denison University, 1954; A.M., Ohio State University, 1956
ALBERT PETER RUOTSALA, A.B., M.S., University of Minnesota, 1952, 1955
STANLEY MARTIN TOTTEN, A.B., College of Wooster, 1958; M.S., 1960

In History

- JOHN KNOX STEVENS, B.S., Northern Illinois University, 1956; A.M., A.M., 1957, 1961
ARVARH EUNICE STRICKLAND, A.B., Tougaloo College, 1951; A.M., 1953

In Horticulture

- HOUSTON STALLWORTH, B.S., Alabama Agricultural and Mechanical College, 1945; M.S., Michigan State University, 1947

In Italian

- THELMA SPRINGER CANALE-PAROLA, A.B., A.M., 1952, 1956

In Mathematics

- VORTEZA ANVARI, Diploma, University of Tehran, 1953; M.S., 1959
STEVEN FREDRICK BAUMAN, B.S., City College of New York, 1956; M.S., 1957
RODERICK PETER CAMPBELL CALDWELL, A.B., Harvard College, 1953; A.M., 1955
DENNIS FRANK CUDIA, A.B., M.S., 1956, 1957
ALFREDO ROSALIO JONES, Ingeniero Industrial, University of the Republic (Uruguay), 1960
MYRNA PIKE LEE, A.B., Cornell University, 1957; M.S., 1959
DANIEL AUSTIN MORAN, B.S., St. Mary's University (San Antonio), 1957; M.S., 1958
CHIVUKULA RAMAMOHANA RAO, A.B., A.M., Andhra University, 1953, 1955
HAROLD GIDCUMB ROBERTSON, B.S., M.S., 1958, 1959

In Mechanical Engineering

DEAN FRANKLIN HOPKINS, B.S., M.S., 1951, 1958
BHALCHANDRA VASUDEO KARLEKAR, B.Eng., University of Baroda, 1958; M.S., 1959
ROMUALDAS KASUBA, B.S., M.S., 1954, 1957
RAVINDER NANDA, B.S., Banaras Hindu University, 1960; M.S., 1960

In Metallurgical Engineering

KINKAR PROSAD GUPTA, B.Eng., University of Calcutta, 1955; M.S., 1959
DONALD WALKER KEEFER, B.S., University of Idaho, 1954; M.S., 1957

In Microbiology

STANLEY EMERSON BURROUS, A.B., Manchester College, 1950; A.M., Indiana University, 1953
ELIZABETH THOMAS GAUDY, B.S., Austin Peay State College, 1947; M.S., 1960
ROBERT TWAROG, A.B., M.S., University of Connecticut, 1956, 1958

In Physical Education

AUBREY CHARLES McTAGGART, B.P.E., University of British Columbia, 1951; M.S., 1956

In Physics

J. BERNARD BLAKE, B.S., M.S., 1957, 1958
RICHARD ALFRED CARRIGAN, JR., B.S., M.S., 1953, 1956
GEORGE THOMAS CONDO, B.S., M.S., 1956, 1957
DAVID EUGENE FREDERICK, B.S., Yale University, 1952; M.S., 1956
JOSEPH LEONARD FRIEDES, A.B., Cornell University, 1956; M.S., 1958
DANIEL WARREN HONE, A.B., University of California (Berkeley), 1958; M.S., 1960
EDWARD RICHARD McCLIMENT, B.S.E., University of Michigan, 1956; M.S., Rensselaer Polytechnic Institute, 1958
JOHN McKEEN MCKINLEY, B.S., University of Kansas, 1951
JANE VAN WINKLE MORGAN, A.B., Mount Holyoke College, 1952; M.S., 1954
JACK LeROY ORD, B.A.Sc., University of Toronto, 1957; M.S., 1959
WILLIAM REESE, A.B., Reed College, 1958; M.S., 1960

In Physiology

DUNCAN WILLIS MARTIN, B.S., M.S., University of New Mexico, 1955, 1956

In Political Science

THOMAS JOSEPH BENNETT, A.B., A.M., University of Notre Dame, 1952, 1958
HAROLD GAYLON GREENHILL, B.S., Wisconsin State College (River Falls), 1958; A.M., 1959
HARVEY GUSTAV KEBSCHULL, A.B., A.M., University of Nebraska, 1955, 1956
JOINN LEE, A.B., Yonsei University, 1957; A.M., University of North Dakota, 1958

In Psychology

HAROLD JOHN JOHNSON, A.B., University of Michigan, 1957
GEORGE WALTER MAYESKE, A.B., A.M., 1956, 1958
KENNETH DOUGLAS SANDVOLD, A.B., Concordia College, 1952; A.M., University of North Dakota, 1954

In Sociology

SAMUEL WALTER BYUARM, A.B., Langston University, 1949; A.M., State University of Iowa, 1950
HARRY COHEN, B.B.A., A.M., College of the City of New York, 1956, 1959
KENNETH JAMES DOWNEY, B.S., State University of New York College for Teachers, 1954; A.M., 1959
ROBERT LEE HERRICK, A.B., York College, 1953; B.D., United Theological Seminary, 1956; A.M., University of Chicago, 1958
MICHAEL SCHWARTZ, B.S., A.M., 1958, 1959

In Spanish

LUCIA UNGARO FOX, A.M., Washington University, 1955
DANIEL ROSS REEDY, B.S., Eastern Illinois University, 1957; A.M., 1959

RUTH ANN SCHMIDT, A.B., Augsburg College, 1952; A.M., University of Missouri, 1955

JOSEPH SIRACUSA, A.B., University of Rochester, 1958; A.M., 1959

MARIO JAMES VALDES, A.B., A.M., 1957, 1959

In Speech

ALFRED BROOKS, A.B., 1950; A.M., University of California (Los Angeles), 1951

DIETRICH ARNO HILL, B.S., A.M., 1948, 1949

LESLIE GENE RUDE, A.B., Luther College, 1952; A.M., Louisiana State University, 1953

In Theoretical and Applied Mechanics

RAYMOND ROY HAGGLUND, B.S., M.S., Worcester Polytechnic Institute, 1956, 1959

EMORY LELAND KEMP, JR., B.S., 1952; M.S., University of London, 1958

MORRIS STERN, B.S., Washington University, 1952; M.S., 1958

ROBERT GRAHAM VALPEY, B.S., United States Military Academy, 1945; B.M.E., Cornell University, 1950; M.S., University of Colorado, 1959

In Veterinary Medical Science

MERLIN LEMOYNE KAEBERLE, A.B., University of South Dakota, 1950; B.S., D.V.M., Colorado State University, 1952, 1954; M.S., 1961

In Zoology

RONALD ARTHUR BRANDON, B.S., M.S., Ohio University, 1956, 1958

DIANE KILBOURNE NORMANDIN, A.B., New Jersey State Teachers College (Montclair), 1952; M.S., 1958

JAY ALLAN WAITZ, B.S., M.S., University of Idaho, 1957, 1959

Degree of Doctor of Education

In Education

EARL DEAN PATTON, B.S., M.S., Southern Illinois University, 1947, 1952

ROBERT MORRIS TOMLINSON, B.S., M.S., 1950, 1951

JAMES ROBERT WARMBROD, B.S., M.S., University of Tennessee, 1952, 1954

In Music Education

JAMES AXEL HOFFREN, B.S., University of Minnesota, 1952; M.Mus., Eastman School of Music of the University of Rochester, 1953

GEORGE RUSSELL MATHIS, B.Mus., Illinois Wesleyan University, 1947; M.S., 1952

JOHN ROBERT PENCE, B.P.S.M., Indiana University, 1942; M.Mus.Ed., Oberlin College, 1951

Degree of Doctor of Musical Arts

MERRILL KAY BRADSHAW, A.B., A.M., Brigham Young University, 1954, 1955; M.Mus., 1956

KENNETH LOUIS GABURO, B.Mus., M.Mus., Eastman School of Music, 1948, 1949

Degree of Master of Arts

In Anthropology

GLORIA JEANNE FENNER, A.B., 1958

In Art Education

SHIRLEY ELAINE JANKOWICH, B.S., Skidmore College, 1958

In Dance

GERALDINE OLGA LEWIS, B.S., New York State University Teachers College (Cortland), 1960

In Economics

WILLIAM WALLACE CURTIS, B.S., The College of Idaho, 1961

MARVIN MEYER FOOKS, A.B., Northeastern University, 1960

HAROLD FOSTER, B.B.A., University of Cincinnati, 1959

DALE MARTIN HEIEN, A.B., 1959

WARREN MERRITT PUTNAM, A.B., 1961

In Education

HENRY COHEN, A.B., University of Texas, 1947
 RICHARD JOHN WOOLLETT, A.B., University of Oxford, 1960

In English

SALLY SMITH ANDERSEN, A.B., 1961
 JAMES ALOYSIUS BELLANCA, A.B., St. Norbert College, 1960
 DWAIN JOHN BERGGREN, B.S., 1957
 CATHERINE ANN GROOM, A.B., MacMurray College, 1961
 DEAN MARGARET MALMSTROM HAUCK, A.B., University of Michigan, 1960
 EDWARD DONALD KENNEDY, A.B., West Virginia University, 1961
 JANE GERTENRICH LUCAS, A.B., Northern Illinois University, 1960
 MARTIN ARTHUR MANN, A.B., City University of New York, 1961
 FREDERICK EUGENE McTAGGART, A.B., Millikin University, 1961
 LINDA LOU MUGRIDGE, A.B., Wartburg College, 1961
 HOWARD LAWRENCE NACK, A.B., University of Michigan, 1960
 LEONARD NICK NEUFELDT, Th.B., Mennonite Brethren Bible College, 1960; A.B., Waterloo University College, 1961
 MARGARET ANN NICHOLS, A.B., Lawrence College, 1960
 MARCIA ANN PERRY, A.B., Geneva College, 1961
 WILLARD DARRELL SEMELROTH, A.B., Greenville College, 1961
 MAUREEN CAROLYN SMITH, B.S., Mankato State College, 1961
 JAMES RICHARD SPEER, A.B., Wabash College, 1959
 MICHAEL JOSEPH SVOB, B.S., Illinois State Normal University, 1959
 CHARLENE MAE TAYLOR, A.B., University of Wichita, 1960
 KARL KAY TAYLOR, A.B., Knox College, 1960
 LARRY KENT UFFELMAN, A.B., Illinois Wesleyan University, 1960
 GORDON ALLISON WEAVER, A.B., University of Wisconsin (Milwaukee), 1961
 ELIZABETH LEIGH WEIGLEIN, A.B., West Virginia Wesleyan College, 1961
 NANCY ANNE WICKHAM, A.B., Ohio Wesleyan University, 1961

In French

BRENDA LENORE BRUCKNER, A.B., University of Kansas, 1961
 JUDY MARIE JENKINSON, A.B., Kansas State Teachers College (Emporia), 1961
 JEANNE KAY JOHNSTON, A.B., 1958
 RUTH JOAN LASSANSKE, B.S., Concordia Teachers College, 1957
 KAI-HO MAH, B.F.A., California College of Arts and Crafts, 1951; A.B., University of California (Los Angeles), 1960
 SUSANNE CAMPBELL McVINNIE, A.B., 1961
 SANDRA KOEPKE SAVIGNON, A.B., 1961
 SANDRA LEHMAN TUNG, A.B., 1960

In German

KIRSTEN IRENE BRONDSTED LOMASK, A.B., 1960

In Greek

WILLIAM BLAINE BONDESON, A.B., Augustana College, 1958

In History

JOANNE MARIE ANDERSON, A.B., Augustana College, 1960
 THEODORA ANN PIERDOS, A.B., Mundelein College, 1960

In Home Economics

KAY BRADSHAW REDNOUR, B.S., 1960

In Labor and Industrial Relations

LEONARD JOSEPH BORKOWSKI, B.S., Loyola University (Illinois), 1951
 JOHN FRANKLIN GLASS, B.S., 1958
 NEIL MEIERS GUNDERMANN, A.B., Ripon College, 1955
 JAMES GEORGE KAPRALOS, B.S., Springfield College, 1960
 HAROLD DEAN KESSLER, B.S., Indiana University, 1960
 JAMES THOMAS MORTON, B.S., Bradley University, 1958

PAUL D. POLLACK, A.B., 1960
RICHARD PAUL SEARS, B.S., University of New Hampshire, 1960

In Linguistics

MARIA TEODORA CAMPOS BERBERAN, A.B., University of Lisbon, 1959
EVERETT AUSTIN HALE, A.B., Wheaton College, 1956
WILLIAM OLIVER HENDRICKS, A.B., Birmingham-Southern College, 1961
THOMAS RONALD HOFMANN, B.S., 1959
ARTHA SUE LOY, A.B., 1961
BHARATI VINOD MODI, A.B., A.M., University of Bombay, 1952, 1955
MARIO DONATO SALTARELLI, A.B., 1961

In Mathematics

JOHN DAVID COIE, B.S., Wheaton College, 1958
STANLEY JEROME EDIGER, B.S., Northern Illinois University, 1961
JOSEPH NORMAN LOCKHART, B.S., 1961
MILDRED MAY LUZADER, A.B., Marietta College, 1949
DAVID EDWARD PHILLIPS, A.B., Southern Illinois University, 1959

In Philosophy

JEROME BRUCE KARZEN, A.B., 1960
DAVID KWANG-SUN SUH, A.B., Rocky Mountain College, 1960

In Political Science

MARSHA MOTLEY DICKINSON, A.B., Baylor University, 1959
MINORU KURABAYASHI, Graduate, Chuo University, 1960
HAGOS GABRE YESUS, A.B., University College of Addis Ababa, 1960

In Psychology

RICHARD GEORGE BURRIGHT, B.S., 1959
THOMAS JOSEPH D'ZURILLA, A.B., Lafayette College, 1960
JOHN MACCUTCHEON HUMES, B.S., 1960
JAMES EDWARD MOORE, B.S., 1959
EVAN DAVID ROGERS, A.B., Bethel College, 1959

In Public Administration

FRED HERMAN ANDERSON, B.S., 1949

In Social Sciences

HOWARD LEWIS HOFFMAN, A.B., 1961

In Sociology

JAMES PATRICK HESSION, A.B., Queens College, 1958
GERALD DALE SUTTLES, A.B., Reed College, 1959

In Spanish

WILLIAM HENRY ELLETT, A.B., Beloit College, 1940
EMMA SEPÚLVEDA GATES, B.S., Southwest Missouri State College, 1960
JOHNNY ELIZABETH MCNEIL, A.B., Florida State University, 1961
JORGE PRATS-MARTI, A.B., 1960
RICHARD MARK REEVE, A.B., University of Utah, 1960
CONSTANCE ANN SULLIVAN, A.B., University of Rochester, 1960

In Speech

CAROL ANN BRANDT, B.S., 1959
JANNA ELLYN SMITH, B.S., 1961

In Statistics

PLATO DEMETRIOS KINIAS, A.B., Ripon College, 1959

In the Teaching of English

BARBARA FAE COCHRAN, B.S., 1956
RICHARD ORAN MCCORMICK, A.B., 1961
JEANETTE SHRAGER MUSLINER, A.B., University of Rochester, 1960

In the Teaching of German

CHARLES FRANCIS DAIGH, B.S., 1960
ASTRIDA KALNMALIS, A.B., 1960

In the Teaching of Latin

JOSEPH STEPHEN SOLTIS, A.B., St. Procopius College, 1955

In the Teaching of Social Studies

ROBERT EUGENE BLUHM, A.B., Wartburg College, 1958
MYRNA ARLENE BRAUNFELD, B.S., 1958
THOMAS DUDLEY FERGUSON, A.B., 1960
WILLIAM THOMAS HOOPER, JR., A.B., Yale College, 1938
ADOLPHUS LEE SPAIN, B.S., East Carolina College, 1959
MARY HIBNER TOREN, B.S., Northwestern University, 1957

In the Teaching of Spanish

EDDA BELLE LEKER PRATS, A.B., Southwest Missouri State College, 1960

Degree of Master of Science*In Accountancy*

MOHAMED ADEL ELHAMY, B.Com., Cairo University, 1958
WAYNE ANTON JOHNSON, A.B., Concordia College, 1960
ARTHUR DAVID KARLIN, B.S., New York University, 1961
BILLIE JOE NORTH, B.S., Southern Illinois University, 1958

In Aeronautical and Astronautical Engineering

THOMAS LEE COST, B.S., University of Alabama, 1960
HARRY BERNARD DYNER, B.S., 1960
YU KAO HSU, Graduate, National Central University, 1948; M.S., University of Maryland, 1959
HENRY KATZ, B.S., 1960
ROBERT HAUSCHILD LIEBECK, B.S., 1961
KENNETH PENNINGTON, JR., B.S., 1960
NOEL AUSTIN THYSON, B.S., 1960

In Agricultural Economics

HERBERT HORST STOEVENER, B.S., Cornell University, 1958
RICHARD EUGENE WEST, B.S., 1956

In Agricultural Engineering

HERSCHEL HENRY KLUETER, B.S., 1959

In Agronomy

LARRY WAYNE BAILEY, B.S., 1959
ROMEO CADIZ BRUCE, B.S., University of Philippines, 1956
JACK ALLAN CAVANAUGH, B.S., 1960
DAMKERN JALICHAN, B.S., Kasetsart University, 1958
KHALIL IBRAHIM MOSLUH, B.S., University of Baghdad, 1956
UMESH CHANDRA PADHI, B.S., Utkal University, 1946
GORDON LOWELL REICHERT, B.S., 1956
JOHN FRANCIS ZIESERL, JR., B.S., 1960

In Animal Science

SPARLIN BARRY LOVE, B.S., Oklahoma State University, 1960
JAMES JOSEPH MCGILLIVRAY, B.S., Michigan State University, 1960

In Astronomy

GEORGE ELMER KOCHER, B.S., 1959

In Botany

CARL ALBERT BUDELSKY, B.S., B.S., 1959, 1961
JOHN RICHARD VYDARENY, A.B., Albion College, 1960

In Chemical Engineering

RICHARD BERT AUST, B.S., Carnegie Institute of Technology, 1960
FRANK JOSEPH LIMBERT, B.Chem.E., University of Dayton, 1960
LESTER CARL LONG, JR., B.S., West Virginia University, 1960
RICHARD LARRY MERSON, B.S., University of California (Berkeley), 1960

In Chemistry

CHARLES BLONDELL ATWATER, B.S., Southwest Missouri State College, 1960
LAURENCE JAMES BOUCHER, B.S., Michigan State University, 1960
DONALD EDWARD BRYAN, B.S., Northern Illinois University, 1960
MARGIE KATHRYN NELSON DIXON, A.B., William Jewell College, 1960
DON PAUL FILSON, A.B., Park College, 1952
THOMAS HENRY FISHER, A.B., Westminster College, 1960
THOMAS MELVILLE LATTA, A.B., Princeton University, 1960
ROBERT MALCOLM MACLEOD, A.B., Kalamazoo College, 1957
JOSE WALTER MARTINS, Chem.Engineer, Escola Politecnica da Universidade de São Paulo, 1958
RICHARD AUGUST MEINZER, A.B., Drew University, 1960
RICHARD LOWE MIDDAGH, A.B., Harvard College, 1960
JULIA KUO-JEN SU, B.S., National Taiwan University, 1960
NORMAN HENRY TERANDO, B.S., 1961
HSIN-FANG WANG, B.S., Brooklyn College, 1960
JOHN MICHAEL WHITE, B.S., Harding College, 1960
EDWARD WILLIS, B.S., Lincoln University, 1960
JOHN EDWARD WILSON, B.S., University of Notre Dame, 1961

In City Planning

RICHARD CHARLES HAUSERSPERGER, B.S., Iowa State University, 1959
WILLIAM FRANCIS POWERS, B.S., University of Wisconsin, 1960
KENNETH EDWARD SULZER, A.B., Valparaiso University, 1960

In Civil Engineering

RICHARD HENRY ATKINSON, B.S., 1961
WILLIAM HARRIS BANNISTER, B.S., United States Naval Academy, 1952; B.C.E., Rensselaer Polytechnic Institute, 1955
CHARLES LEE BARTHOLOMEW, B.S., University of Kansas, 1960
JOSEPH PHILLIP COLACO, B.Eng., University of Bombay, 1960
ALEJANDRO ECHEVERRIA GOMEZ, C.E., University of Chile, 1961
KEITH FRANCIS FAHERTY, B.S., Wisconsin Institute of Technology, 1954
S. GULZAR HAIDER, B.S., University of Panjab, 1958
TYLER MERRILL JACKSON, B.C.E., University of Florida, 1961
JAMES OTIS JIRSA, B.S., University of Nebraska, 1960
RAYMOND WALTER KEUNING, B.S., Iowa State University, 1960
KAZUO KURODA, B.S., University of Hawaii, 1960
JAMES LING LEE, B.S., Taiwan Provincial Cheng Kung University, 1959
MALCOLM JOHN MACDONALD, B.S., United States Naval Academy, 1956; B.C.E., Rensselaer Polytechnic Institute, 1959
HASSAN AHMED OSMAN, B.Eng., Ein Shams University, 1958
BIPINCHANDRA CHIMANLAL PANCHOLY, B.Eng., Gujarat University, 1957
CHARLES MATTHEW RADLER, B.S., United States Military Academy, 1957
FARIBORZ REZAKHANLOU, B.S., University of Colorado, 1961
BIRGER SCHMIDT, Civil Engineer, Technical University of Denmark, 1960
MARION CARROLL SKOUBY, B.S., University of Missouri School of Mines and Metallurgy, 1958
KENNETH NORMAN SMITH, B.A.Sc., University of Toronto, 1959
PORFIT TIPYAMONGKOL, B.S., Chulalongkorn University, 1948
JEAN PIERRE AUGUSTE TOUREILLE-LICHTENSTEIN, B.S., Davis and Elkins College, 1961
WARREN HUBERT TRESTER, B.S., 1961
ALGIS ALEXANDER TURNER, B.S., 1961
PRASERT VERASOPON, B.Eng., Chulalongkorn University, 1960

In Economics

ALI ABD EL-SALAM EL-MEZAWIE, A.B., American University of Cairo, 1961
 CAROL EUGENE HAMILTON, B.S., 1961
 LOUIS WARREN RITTSCHOF, A.B., 1957
 ROBERT WILLIAM SEIBEL, B.S., 1957

In Education

JACK JAY EGGSUEHLER, B.S., 1954

In the Education of Mentally Handicapped Children

ALAN LARRY BALTER, B.S., 1960
 ELMER LAFAYETTE BROYLES, JR., A.B., Lenoir Rhyne College, 1952
 JAMES LESLIE SWANSON, A.B., Wheaton College, 1958

In Electrical Engineering

LARRY ALBERT BAUERMEISTER, B.S., United States Military Academy, 1960
 ROBERT ROY BUTCHER, B.S., Marquette University, 1961
 ROBERTO CHANG-MOTA, Ingeniero, Central University of Venezuela, 1960
 ANAND GORDHANDAS CHOKHAVALA, B.Eng., University of Poona, 1960
 PAUL FREDERICK DOERING, B.S., Massachusetts Institute of Technology, 1958
 PRAVEEN JATASHANKER DOSHI, B.Eng., Bardar Vallabhbbhai Vidyapeeth University, 1961
 KARL TRUEHEART GOULD II, B.S., United States Military Academy, 1960
 JOHN WILLIAM GREISER, B.S., University of Wisconsin, 1959
 KENNETH CHARLES GUTH, B.S., 1960
 RICHARD HERBERT HALLENDORFF, B.S., 1961
 JERRY LEE HANSON, A.B., St. Olaf College, 1954; B.S., United States Air Force Institute of Technology, 1961
 EDWIN BERNARD HASSLER, JR., B.S., Northwestern University, 1961
 EUGENE JOSEPH HINMAN, A.B., St. John Fisher College, 1958; B.S., University of Detroit, 1961
 JAMES MERLE HURT, B.S., 1961
 PAUL GATES INGERSON, B.S., 1960
 JOHN THEODORE INGWERSEN, B.S., 1959
 MARTIN EDWARD JOHNSON, B.S., Pennsylvania State University, 1960
 JOSEPH JAMES KALLEY, JR., B.S., 1957
 LOUIS CONRAD KAPPEL, B.S., St. Louis University, 1961
 DON FRANCIS KESLER, B.S., 1956
 OREN BYRL KESLER, B.S., 1961
 ORVILLE LEE MCCLELLAND, B.S., 1960
 WILLIAM THOMAS MILLER, B.S., Stanford University, 1961
 CHARLES JOHN NUESE, B.S., University of Connecticut, 1961
 JOHN HOYT PAINTER, B.S., 1961
 GANGADHAR SHANKAR PANDIT, B.Eng., University of Madras, 1950
 GILLES PAYETTE, B.Eng., McGill University, 1961
 JAMES RICHARD PHILBLAD, B.S., 1961
 MICHAEL JOHN PISTERZI, B.S., 1961
 THOMAS RONALD POUND, B.S., 1961
 MICHEL RENE ROUX, Diploma, Swiss Federal Institute of Technology, 1951
 CHEBOLU RAMAKRISHNA SASTRI, B.Eng., Andhra University, 1954
 DONALD JOSEPH STUKEL, B.S., United States Military Academy, 1960
 MOIEZ AHMEDALI TAPIA, B.Eng., University of Poona, 1960
 PAUL WILLIAM THIEDE, B.S., 1950
 ROBERT JEROME VALEK, B.S., 1961
 FRANKLIN SHERMAN WEINSTEIN, B.S., 1961
 KENNETH PAUL WOELFEL, B.S., Marquette University, 1961

In Entomology

JOHN KEITH BOUSEMAN, B.S., 1960

In Finance

EDWARD GALE HARTMANN, A.B., DePauw University, 1957
 ROGER LEE MILLER, B.S., Purdue University, 1960

GARY WAYNE SILVERMAN, B.S., 1961
 BENJAMIN NED SIMON, B.S., 1961
 PAUL JOHN SWANSON, JR., B.S., 1959, 1960
 JAMES OZBURN WEATHERLY, A.B., 1961

In Food Technology

CHAIM GUR-ARIEH, B.S., Technion-Israel Institute of Technology, 1960
 EUGENE VALENTINE KWIAT, B.S., Illinois Institute of Technology, 1954

In Geology

WILLIAM WYATT DUDLEY, JR., B.S.E., Princeton University, 1960
 STEFAN GARTNER, JR., A.B., University of Connecticut, 1960
 DEMETRIO HIDALGO PULANCO, B.S., Mapua Institute of Technology, 1955
 DONALD RAY WILLIAMS, A.B., Fresno State College, 1961
 RAMIL CARTER WRIGHT, A.B., Rice Institute, 1960

In Health Education

KENNETH CARL BECKER, B.S., Brooklyn College, 1961
 MARVIN ROLF SYREN, B.S., 1956

In Home Economics

SHIRLEY CALDWELL, B.S., Hampton Institute, 1960
 JUNE YARNELL FOSTER, B.S., 1939
 MARIAN JOYCE JACKSON, B.S., Illinois State Normal University, 1953
 BONNITA MAY RICHARDS, B.S., Indiana University, 1961

In Horticulture

RICHARD EMBLEY CAPEL, B.S., University of Reading, 1960

In Journalism

JAMES HIRST RUTLEDGE, JR., B.S., 1958

In Library Science

ROBERT EUGENE BIRKHIMER, A.B., A.M., Southern Illinois University, 1959, 1961
 JAMES CURT BOHLING, A.B., Southwest Missouri State College, 1960
 DORIS FRANCES BRAINARD, A.B., State University of Iowa, 1938
 SUI-YIU CHAN, A.B., Lingnan University, 1946
 MARCIA JEAN COOLEY, A.B., Stanford University, 1960
 HELEN HOWARD CUMMINGS, A.B., Acadia University, 1937; B.L.S., McGill University, 1942
 DOUGLAS ATTEBERY DeLONG, A.B., Knox College, 1961
 ELENA FLORES DE LA VEGA, Maestra En Biblioteconomia, Escuela Nacional de Bibliotecarios y Archivistas, 1961
 CHLOE VENNIE FOUTZ, A.B., Union College, 1961
 JOHN LOUIS GLINKA, B.S., Kansas State Teachers College (Emporia), 1948
 MARY ELLEN WALTERS GRAFF, B.Ed., Western Illinois University, 1939
 PATRICIA DEE HANEY, A.B., Northern Illinois University, 1961
 MARY DUKE HANLEY, A.B., Kalamazoo College, 1944
 JOAN ELAINE HAMILTON IRWIN, A.B., Western Michigan University, 1957
 JACK DAYTON KEY, A.B., Phillips University, 1958; A.M., University of New Mexico, 1960
 DONNA MAY KLIMPKE, A.B., University of Arizona, 1961
 CYNTHIA LOUISE LOWRY, B.S., Millikin University, 1944
 ROBERT PATRICK MALLORY, B.S., University of Notre Dame, 1961
 HOWARD ARTHUR MESSMAN, B.S., M.S., 1939, 1948
 HELEN SCHAEFER MULA, B.S., 1948
 PAULA RUTH JOHNSTON ORELLANA, A.B., Western Michigan University, 1958
 BARBARA JANE PERKINS, B.S., Central Missouri State College, 1959
 KALYNA VERA POMIRKO, A.B., 1960
 MARGARET SINGLETERRY RAUSCH, A.B., Aurora College, 1953
 LOUISE MOORE SAMPLE, A.B., Purdue University, 1960
 HARLAN LEWIS SIFFORD, A.B., Lynchburg College, 1950; M.F.A., University of Georgia, 1953

DAIDEE ELIZABETH SPRINGER, A.B., University of Wisconsin (Milwaukee), 1961
BEVERLY JOHNSON STEWART, B.S., Bradley University, 1961
LEORA KATHRYN TAYLOR, A.B., 1961
ROBERT BRUCE TOWNSEND, B.S., 1960
CHRISTINA MEREDITH VESTLING, A.B., Dickinson College, 1934; A.M., Johns Hopkins University, 1937
NANCY RIGGLE WENNINGER, B.S., Ohio State University, 1955
CAROL RUTH WESSLER, B.S., Wisconsin State College (Milwaukee), 1955

In Marketing

SAMI MOHAMED ABDELLA, B.Com., Cairo University, 1957
IRENE LYDIA LANGE, B.S., 1960
JACK MELVIN LEE, B.S., Oklahoma State University, 1961
JOHN DOUGLAS McDIARMID, B.Com., University of British Columbia, 1960
SAMUEL SEYMOUR MOSS, B.S., San Fernando Valley State College, 1961

In Mathematics

JOHN LAWRENCE ANDERSON, B.S., 1960
RICHARD WALTER BECKER, B.S., Massachusetts Institute of Technology, 1959
EARL WILSON CARPENTER, B.S., University of Maryland, 1961
CLARYCE LEE EVANS, A.B., Antioch College, 1959
DANIEL JEREMY GANS, B.S., Case Institute of Technology, 1960
SARAH JANE HOFAS, B.S., 1959
STEPAN KARAMARDIAN, Licence, Syrian University, 1957
UWE KOEHN, B.S., Queens College, 1961
JAMES F. KORSH, B.S., University of Pennsylvania, 1960
GENE LAWRENCE LEWIS, A.B., Harvard College, 1961
WAYNE AARON NORBY, B.S., United States Military Academy, 1949
ARMAND ORENSZTEIN, B.S., 1961
BERT ALAN TAYLOR, A.B., University of Kansas, 1961
JEU-HWA WANG, B.S., Taiwan Provincial Cheng Kung University, 1957; M.S., 1961

In Mechanical Engineering

WILLIAM ROBERT ABERCROMBIE, JR., B.S., United States Naval Academy, 1950
SADIQ JAAFAR AL-SAJI, B.S., College of Engineering (Baghdad), 1960
FRANKLIN JOHN APPL, B.S., Kansas State University, 1960
FREEMAN GRANT CROSS, JR., B.S., United States Military Academy, 1957
JOHN WILLIAM FISHER, B.S., 1961
WILLIAM HARLON GILBERT, JR., B.S., Texas Agricultural and Mechanical College, 1960
BERNARD SIDNEY GUTOW, B.S., 1961
ROBERT EDWARD HOLTZ, B.S., 1960
GLENN ROY HUDRLIK, B.S., 1960
ROSS ORLO McNARY, B.S., Kansas State University, 1960
DONALD HENRY RIMBEY, B.S., 1950
RICHARD ANTHONY SEILHEIMER, B.S., 1960
JAMES CLARENCE SHIREY, B.S., United States Military Academy, 1956
DAVID BOYCE STATTFIELD, B.S., Duke University, 1960
THOMAS HENRY STEFFEN, B.S., 1961
GEORGE JAMES TREZEK, B.M.E., General Motors Institute, 1961
DONALD MACPHERSON WALLACE, B.S., University of Vermont, 1960
ROBERT CHIA-HOONG YIH, B.S., University of Glasgow, 1960

In Metallurgical Engineering

RONALD GIBALA, B.S., Carnegie Institute of Technology, 1960
GEORGE MAH, B.S., 1960

In Microbiology

ELSIE IRENE YOUNG, B.S., Union University, 1960

In Mining Engineering

NARAYAN MADHAV CHAUDHARI, B.Eng., University of Poona, 1959
MAHMOOD BEG MIRZA, B.S., University of Panjab, 1950; B.S., University of Leeds, 1954

In Music Education

- WILLIAM HENRY BRACKMANN, B.S., Northern Illinois University, 1960
 JAMES ALVIN CATO, B.S., Tennessee Agricultural and Industrial State University, 1961
 MICHAEL JOHN ESSELSTROM, B.S., 1961
 GERALD KERN GROSE, B.S., 1960
 ROBERT WARNER HINDSLEY, B.S., 1961
 CARLYLE WARDELL JOHNSON, B.S., 1961
 JAMES ALAN KELLY, B.S., 1960
 MARILYN EARLS KILLIAN, B.S., University of Missouri, 1958
 ROBERT RUSSELL LIVELY, JR., B.Mus., Evangel College, 1961
 JAMES PAUL ROUINTREE, B.Mus., Drury College, 1954
 MARTHA PROBST WENDT, B.S., 1959
 CAROLYN MARCIA WHITNEY, B.S., State Teachers College (Fredonia, New York), 1950

In Nuclear Engineering

- CHARLES BENJAMIN BECHERER, B.S., 1961
 GEORGE FRANK BURDI, B.S., 1961
 JOHN CHARLES BURT, B.S., United States Military Academy, 1957; M.S., 1962
 GERALD WARREN CHASE, B.S., United States Military Academy, 1957; M.S., 1962
 HOWARD JOHN FAULKNER, B.S., Marquette University, 1958
 CLAYTON SAMUEL GATES, B.S., United States Military Academy, 1956; M.S., 1961
 BONG TAICK KOWN, B.S., Iowa State University, 1960
 MOHAMMAD SHUJAULLAH QAADRI, B.Eng., University of Panjab, 1955
 YO TAIK SONG, B.Eng., Yonsei University, 1954
 RICHARD JAMES SQUIRES, B.S., Illinois Institute of Technology, 1953
 JAMES RALSTON STRICKLAND, B.S., United States Military Academy, 1955; M.S., 1961

In Physical Education

- GARY HANS KNUTZEN, A.B., Western Washington College of Education, 1960
 SIGMUND ALAN LEPHART, B.S., Ohio University, 1958
 ROBERT DIBRELL LIVERMAN, A.B., Whittier College, 1954
 PAUL ROBERT TAYLOR, B.S., Union University, 1961

In Physical Sciences

- BARBARA LULU STERNAMAN, B.S., 1961

In Physics

- ALLAN RUSSELL BARGER, B.S., 1961
 KWAN-SHEI CHEN, B.S., 1961
 THOMAS LEIGH COOPER, B.S., Millikin University, 1960
 JOHN THOMAS DONOHUE, B.S., Illinois Institute of Technology, 1961
 GEORGE FREDERIC FOXHALL, B.S., Worcester Polytechnic Institute, 1961
 KARL ROBERT GARDNER, B.S., 1960
 JOHN BROMLEY GARNER, A.B., Carleton College, 1959
 EDWARD RAY GRAY, B.S., 1960
 ROBERT HORACE JONES, A.B., Southern Illinois University, 1954
 JOSEPH WILLIAM KANE, B.S., University of Wisconsin, 1961
 KENNETH HAROLD KRONLUND, B.S., United States Military Academy, 1952
 ARTHUR LOUIS MAZZA, B.S., 1961
 RICHARD EVANS MISCHKE, B.S., University of Tennessee, 1961
 JOHN SYLVESTER MOORE, A.B., Bowdoin College, 1961
 DAVID EDWIN RUNDQUIST, B.S., Pennsylvania State University, 1961
 ELTON DUANE SCHAFER, B.S., South Dakota State College of Agriculture and Mechanic Arts, 1961
 GEORGE JOHN THOMAS, B.S., 1961
 CHARLES EDWIN WISWALL, B.S., 1961
 CHARLES REID WYMAN, A.B., Carleton College, 1960

In Physiology

- ELEANOR GAYLE COOPER, A.B., Berca College, 1960
 JOHN EDWARD GREENLEAF, B.S., 1955; A.M., New Mexico Highlands University, 1956

LINDA BETH HABAS, A.B., Swarthmore College, 1960
EDWIN KEITH MICHAL, A.B., Kansas Wesleyan University, 1954
ALLAN HOWARD MINES, B.S., 1961
WILLIAM ELDREDGE PERKINS, A.B., Lawrence College, 1960
KAY EILEEN SAEGER, B.S., Otterbein College, 1960

In Radio and Television

SHELDON ZELICK FISHER, A.B., 1953
RICHARD HORACE SUBLETTE, B.S., 1957

In Speech Correction

JUNE ANN JOHNSON BERGER, B.S., University of Wisconsin, 1959
ELLEN PEARCY HOWLETT, B.S., Eastern Illinois University, 1953

In Statistics

KENNETH SIDNEY PERCHONOK, B.S., University of Wisconsin (Milwaukee), 1958

In the Teaching of Biological Sciences and General Science

MARIA NIJOLE GALBUOGIS, B.S., 1961
RICHARD JOSEPH KAMPWIRTH, B.S., 1960
LYNNE MORGAN LAZELL, B.S., Alabama Polytechnic Institute, 1959
PAUL VERN THISTLETHWAITE, B.S., 1957

In the Teaching of Chemistry

LEROY ALBERT OLSON, B.S., Illinois State Normal University, 1960

In the Teaching of Mathematics

RICHARD PHILLIP GILES, B.S., 1961
TILAYE KASSAIE, A.B., University College of Addis Ababa, 1960

In Theoretical and Applied Mechanics

MAURICE JAMES BAKER, B.S., University of New Mexico, 1960
THOMAS HENRY BURKHART, B.S., 1960
BOBBY JOE COLVIN, B.S., 1960
JAMES LAFE HILL, B.S., University of Oklahoma, 1959
JOHN WILLIAM MELVIN, B.S., 1960
ORLIN RAY SORENSON, B.S., University of Colorado, 1959
FLOYD ROBERT TULER, B.S., 1960
ROBERT ARTHUR WALLHAUS, B.S., 1960

In Veterinary Medical Science

FERRON LEE ANDERSEN, B.S., M.S., Utah State University, 1957, 1960
ALVARO MUÑOZ-DAVILA, D.V.M., National University of Columbia, 1948
DAVID DANIEL MYERS, B.S., D.V.M., University of Minnesota, 1955, 1957
DENNIS PETER RAHN, B.S., D.V.M., University of Minnesota, 1957, 1959

In Zoology

RICHARD HUGH BAKER, B.S., 1959
QUITA VERBAN SHIER, B.S., Illinois Wesleyan University, 1960

Degree of Master of Music

NELL DANIEL ESSLINGER, A.B., University of Alabama, 1954
WARREN AUSTIN FELTS, B.S., 1940
KARL WILLIAM FUSS, B.S., 1954

Degree of Master of Education

LOUISA SEMERDJIAN ALLEN, B.S., 1959
DONALD CARL ARSENEAU, B.S., 1959
WILLIAM ROBERT BENNETT, A.B., Olivet Nazarene College, 1947
RONALD EARLE BERGMANN, B.S., Stout State College, 1960
MELISSA JEAN BLANKE, A.B., 1961
LAURIN RAY BLASIER, B.S., State Teachers College (Mansfield, Pennsylvania),
1951; M.S., 1956

- EMIL AUGUSTINE BORON, B.S., University of Wisconsin, 1951
 JAMES HENRY BOWER, B.S., 1958
 DERRELL ALEXANDER BRAME, JR., B.S., Southern Illinois University, 1958
 JAMES DEE CALLAHAN, B.S., University of Missouri, 1957
 WILMA ROSE SPAINHOUR CARTER, A.B., 1958
 DAVID EUGENE CASSTEVEN, B.S., Eastern Illinois University, 1957
 JOHNNY GLENN CHAPLIN, B.S., Illinois State Normal University, 1961
 ROBERT ATIVO CHITI, B.S., Western Illinois University, 1957
 HICKS, CORNETT, B.S., Eastern Illinois University, 1949
 JOHN LEWIS COX, B.S., Northern Illinois University, 1958
 JANET ANITA CUTLER, B.S., Wisconsin State College (Eau Claire), 1958
 VIRGIL EDGAR DAWSON, B.S., Western Illinois University, 1958
 SABAN DEDE, B.S., 1961
 MARCELLA GREEN DONALD, B.S., Lincoln University, 1955
 LEROY JAMES DUCKSWORTH, B.S., Southern Illinois University, 1947
 KEITH EDWARD ELKINS, A.B., 1958
 CHESTER PAUL FIEDLER, Th.B., A.B., Olivet Nazarene College, 1945, 1956
 JOHN ELBERT FORHETZ, A.B., Southern Illinois University, 1957
 GARY DARANDO FRANCIS, B.S., 1958
 WILFRED LAURENCE GEEDING, A.B., 1950
 BERNARD GEORGE GOETZE, B.S., 1954
 MARGARET HUGHES GOLEMBIEWSKI, A.B., College of Notre Dame of Maryland, 1956
 AUDREY RUTH GRAY, B.Mus., Illinois Wesleyan University, 1942
 PATRICIA HAMBRIGHT GRIFFIN, B.S., 1960
 PAUL J. HARDY, B.S., 1960
 ROBERT STUART HAUSER, B.S., Southern Illinois University, 1959
 CLARK ELDON HIMMEL, B.S., Western Illinois University, 1960
 BETTY LOU HOFFMAN, B.S., 1959
 REID FREDERICK HORLE, B.S., Wisconsin State Teachers College (La Crosse), 1952
 JOHN HAROLD HUBER, B.S., Southern Illinois University, 1957
 MARY ELIZABETH HUMPHRES, B.S., Eastern Illinois University, 1958
 GENE KAZUO IDENO, B.S., 1961
 AKRAM JALALI, Licentiate, Teheran University, 1959
 GERALD JOHN JAVIOR, A.B., St. Mary's College (Winona, Minnesota), 1957
 ANITA CHRISTINE BINGHAM JEFFERSON, B.S., Jackson State College, 1961
 SHIRLEY MARIE JENKINS, B.S., Eastern Illinois University, 1958
 HENRY JOSEPH JOHNSON, JR., B.S., A.M., Bradley University, 1953, 1958
 EUGENE PAUL JONTRY, B.S., Illinois State Normal University, 1958
 EDNA SARA KAMPMEYER, A.B., McKendree College, 1945
 GEORGE WEBBER KIRCHNER, A.B., University of Kentucky, 1950
 BARBARA LOUISE MAYNARD KOKENES, A.B., Michigan State University, 1954
 DON GORDON LARSON, B.S., 1960
 WILLIAM THOMAS LEINENWEBER, B.S., Western Illinois University, 1957
 CLARENCE RAY LEWIS, B.S., Agricultural, Mechanical, and Normal College (Arkansas), 1952
 CATHERINE KONG-MEI CHEN LI, B.S., Mount Angel Women's College, 1957
 LOUIS DALE LIAY, A.B., Blackburn College, 1954
 LLOYD BERNARD LUDWIG, B.S., Eastern Illinois University, 1957
 MARTIN PAUL MACKAY, B.S., Northern Illinois University, 1958
 DONALD ROBERT MAGEE, B.S., Illinois State Normal University, 1958
 CAROL LEE MARTIN, B.S., 1953
 MARYBETH MCAULIFFE, B.S., Loyola University, 1961
 MILDRED ALBERT McMURRAY, B.S., 1959
 HAROLD LLOYD MITCHELL, A.B., Dakota Wesleyan University, 1955
 ANN BERNICE MONTGOMERY, B.S., 1961
 MARY ANNE MORRIS, B.S., Illinois State Normal University, 1954
 WILLIAM ROBERT MUELLER, B.S., 1949
 ROYAL WILLIAM MULHOLLAND, B.S., Greenville College, 1961
 WILLIAM ARTHUR O'HEARN, A.B., North Dakota State Teachers College (Minot), 1941
 GERALD JAMES PATRICK, B.S., 1960
 LENORE MAGILL POWELL, B.S., Mary Washington College, 1941

CAROL HOGLE PROSSER, A.B., University of Michigan, 1957
 CYNTHIA JANE RENNELS, B.Ed., Eastern Illinois University, 1941
 NATHER GERGIS SARA, Licenciante, University of Baghdad, 1958
 HAROLD MAURICE SAWITS, A.B., Queens College, 1961
 SUDHA PREMANAND SHAH, A.B., A.M., Maharaja Sayajirao University of Baroda, 1957, 1959
 STEVE SIBON, JR., B.S., 1956
 JEANETTE NEIS SORENSEN, B.S., 1929
 GEORGE FRANK SPIEGEL, A.B., Western Maryland College, 1937
 RUTH ROYER STAPLETON, B.S., 1956
 WILLIAM MEYER STUDLEY, A.B., Knox College, 1958
 HAROLD DALE SUTTON, B.S., Wheaton College, 1951
 MELVIN EDGAR SWANLUND, B.S., Western Illinois University, 1959
 JAMES RUSSELL TATE, A.B., Livingstone College, 1957
 DENNIS MILES TAYLOR, B.S., 1952
 JAMES CARL TIMPE, B.S., 1959
 CHARLOTTE LEE HOFFMAN UNGER, B.S., Southern Illinois University, 1958
 RICHARD EARL WALKER, B.S., Millikin University, 1958
 KAREN LINET WEINDORF, B.S., 1961
 EVELYN POPE WHITE, B.S., Bowling Green State University, 1955
 CARL GENE WILLIS, B.S., Southern Illinois University, 1960
 PATRICIA LOUISE WOLLER, B.S., Illinois State Normal University, 1956
 CHRISTINE JACOPIAN WOYKE, B.S., New Haven State Teachers College, 1955

Degree of Master of Social Work

SANDRA JEAN BARNETT BRAKE, A.B., University of Kansas City, 1960
 MARY CLAIRE BURNITE, A.B., University of Oklahoma, 1959
 CORNELIA LEE CANNON, A.B., 1952
 MINNIE ROSETTA TALLEY CLAY, B.S., 1955
 RALPH LOUIS CORDES, B.S., George Williams College, 1960
 FLOYD ESPY CUNNINGHAM, A.B., Southern Illinois University, 1956
 WILLIAM ELLIOTT DRAKE, A.B., Roosevelt University, 1958
 ALICE BLUMENTHAL FAGENHOLZ, Ph.B., University of Chicago, 1936
 NANCY JEAN FUNK, A.B., Augustana College, 1960
 ANNE GERTRUDE GOLD, A.B., Indiana University, 1945
 MARY SCHWARTZ GRUNDY, A.B., University of Wisconsin, 1938
 JAMES GORDON HOFFMAN, B.S., George Williams College, 1960
 GAIL ELIZABETH HOY LIDSTROM, A.B., 1960
 JERRY HOWARD MEDOW, A.B., Roosevelt University, 1956
 ACOLIA MOORE, A.B., Livingstone College, 1959
 WILLIAM ALLEN MOORE, B.S., George Williams College, 1960
 CHRISTOPHER GOMEZ NARCISSE, A.B., Roosevelt University, 1960
 MARIAN VREELAND PENNIMAN, B.S., 1960
 RICHARD MCCLURE PROSSER, A.B., Hastings College, 1958
 ESTHER OSBORNE SCHMEISING, A.B., University of Washington, 1959
 JAMES STEWART, A.B., Iowa Wesleyan College, 1956
 LILLIAN BURGIN STOCKING, A.B., University of North Carolina, 1943
 MINEYASU SUGITA, B.S., Concordia College, 1960
 RANDALL GENE THOMPSON, A.B., Southern Illinois University, 1949; M.R.Ed., Southwestern Baptist Theological Seminary, 1951
 JANICE HELEN TRUSCOTT, B.S., State Teachers College (Bloomsburg, Pa.), 1957
 CAROL RUTH PIERCE VISWESWARAN, A.B., Knox College, 1960
 GANESHA VISWESWARAN, B.S., University of Madras, 1957
 HERBERT HOOVER WILLIAMS, B.S., Manchester College, 1953; B.D., Bethany Biblical Seminary, 1956

Degree of Master of Fine Arts

In Landscape Architecture

GEORGE WILLIAM LONGENECKER, B.S., University of Wisconsin, 1959
 DEBA PRASAD NATH, B.S., University of Gauhati, 1953; M.S., University of Calcutta, 1955

In Painting and Printmaking

KENNETH JOHN BUTLER, B.F.A., Carnegie Institute of Technology, 1960
 HAROLD CLAYTON HAGEWOOD, B.A.A., Alabama Polytechnic Institute, 1959
 JAMES WILLIAM HUNT, B.F.A., Massachusetts College of Art, 1960
 WILLIAM GEORGE LOVELL, B.F.A., Kansas City Art Institute, 1959
 WILLIAM BRANDT SAYLER, B.F.A., Syracuse University, 1960

Degree of Master of Accounting Science

RICHARD MAYER FISCHMAR, B.S., 1959
 JAMES MONTGOMERY LAHEY, B.S., 1961
 MICHAEL JOSEPH PROFUMO, A.B., Sacramento State College, 1961
 EARL BEAU RERICH, B.S., 1961
 SOEGITO SASTROMIDJOJO, Sardjana Degree, University of Indonesia, 1960

Degree of Master of Architecture

BRUNO AST, B.Arch., 1961
 BRIAN ROGER BINNING, B.Arch., University of New Zealand, 1960
 RICHARD JOSEPH DIEDRICH, B.Arch., 1961
 PAUL JOHN MAGIEREK, B.Arch., 1961
 ROBERT FRANCIS MCKENZIE, B.Arch., 1961
 DONALD BEEKMAN MYER, B.Arch., 1961
 ERNST BENNO PHILIPPSON, B.Arch., 1961
 PAOLO SICA, Doctor in Arch., University of Florence, 1960

Degree of Master of Laws

CLAES GUNNAR LOUIS BEYER, Cand.Jur., University of Lund, 1961
 JOHN WARREN ESTER, A.B., Pasadena College, 1956; J.D., Willamette University, 1959
 VANNI EMANUELE TREVES, A.B., University College (Oxford), 1961

Degree of Master of Commerce

WILLIAM HOBERT FURRY, B.B.A., Fenn College, 1960
 RICHARD JOHN KASTEN, B.S., 1960

Degree of Master of Business Administration

SIDNEY ALLEN COHEN, B.S., Northeastern University, 1960
 JOHN FRANKLIN KRUMWIEDE, B.S., 1960
 PAUL WILLIAM LANDGREN, JR., B.S., 1958
 STEPHEN BARRY LUCAS, B.S., 1960
 JAMES RICHARD MITCHELL, B.S., 1958
 LEROY DAVID PETERSON, B.S., 1960

Advanced Certificate*In Education*

ROLLAND LESLIE BRINEGAR, B.S., Indiana University, 1954; Ed.M., 1961
 SARAH ANNE DEAN, B.S., M.S., Southern Connecticut State College, 1958, 1960
 EDWARD RUSSELL GARMON, B.S., M.S., Illinois State Normal University, 1951, 1956
 CHARLES WILLIAM GESSNER, A.B., Earlham College, 1950; Ed.M., 1953
 MARJORIE ANN HOLMES, B.S., Illinois State Normal University, 1945; A.M., Michigan State University, 1955
 GLENN SEYMOUR LECOUNT, B.S., Ed.M., 1944, 1959
 RICHARD WILLIAM LUENSER, A.B., Valparaiso University, 1950; M.S., 1956
 RAYMOND LEE MILLER, B.S., Western Illinois University, 1945; M.S., 1947
 LOUIS PATRICK PANSINO, B.S., Minnesota State Teachers College (St. Cloud), 1952; A.M., University of Minnesota, 1959
 RICHARD D. POUND, B.S., M.S., Indiana State Teachers College, 1948, 1952

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

JAMES WILLIAM ATWOOD	LASLEY WEBB KIMMEL
LARRY LEE BANDY	HAROLD LELAND KINCAID
DOUGLAS BERT BAULING, High Honors	DARRELL WILLIAM LANE, JR.
DARRELL DEAN BEAZLY	JAMES RICHARD LAUNER
JERRY MILTON BEHIMER	LESLIE GENE LEMON
DONALD CLARENCE BEITZ	DAVID PHILLIPS MACOMBER
CHARLES OWEN BICKELHAUPT	DAVID GLEN MATLOCK
ANDREA MARIE BLANDA	DONALD EUGENE MCATEE
WAYNE HAROLD BLUNIER	JOSEPH GARY MCCLELLAN
KENNETH RAY BOLEN	CECIL EUGENE MCGREW
WALLACE DUANE BOOKER	CLARENCE LEROY MILLER, JR.
HARRY JOSEPH BOURN	THEODORE WILLIAM MOELLER
THOMAS HARRISON BRANDT	GERHARDT RICHARD MOHR
RONALD ROY BUSBY	MARVIN GALE NORDWALL
KELLIE SYLVESTER BYERLY	ZEPHANIAH OWIRO
ROBERT RAY CAUGHEY	WILLIAM LAWRENCE PALM
JACK L. CLARK	JAMES VICTOR PAROCHETTI
WILLIAM DAVID CLARK	ROBERT FRANKLIN PATTERSON
KENDALL PAUL COLE	CURTIS ALLYN PERRY, Honors
JOHN RICHARD CRABTREE	RANDALL JAY PETERSON
DELBERT THEODORE DAHL	CHARLES GUSTAV PONELEIT
PHILIP LUSTER DEAL	ROBERT RONALD PRASSE
LENDELL HENRY DIERKER	LARRY J. RABER
JON ALBERT DIXON	GORDON THOMAS REYNOLDS
DAVID ALLEN DOERING	JOHN FOSDICK RICHARDS
PHILLIP LELAND DOLLAHON	JOHN ROLLIN ROSENDAHL
EDWARD JAMES DUNPHY, Honors	STANLEY VINCENT RYBA
KENNETH DALE EIKE	KENNETH LEE SAUERS, JR.
LAMAR EARL FESSER	DAVID ROLAND SCHILLING
JAMES HAROLD FLORREICH	JAMES HOWARD SCHOONAERT
WILLIAM EDWARD FLYNN	JAMES ALLEN SHANKLIN, Honors
LEE KEITH FREEDLUND	ROBERT EARL SIPP
KENNETH LEROY FULLER	JAMES BRYAN SMITH
JOEN JUNE GALLENTEINE	RICHARD ROSS SMITH, Honors
RICHARD ALLEN GILLFILLAN	CHARLES THOMAS SPEARS
ROBERT JAMES GREIVE	LOWERY ALLEN STAHL
GORDON LEWIS GULLAKSON	GARY EUGENE STARWALT
DAVID CARLTON GUSSE	HERBERT WAKEFIELD SUTTER
KEN LEE HARP	HOMER JERMAN TICE
CHARLES EDWARD HARSHBARGER	ROBERT RAY TRACY
STUART DOUGLAS HAWBAKER	GLENN ELMER TRUCKENBROD
HAROLD WILLARD HAWKINSON	ARTHUR DALE TWIETMEYER
MARVIN LEE HAYENGA, High Honors	ROY DEWITT VAN OSTRAND
DWIGHT GEORGE HECKERT	DALE CURTIS WALSTEN
DAVID MERLE HEMBROUGH	JAMES CARL WARGO
ROBERT EDWARD HERSCHBACH	CHARLES WILLIAM WASHBURN
ROBERT GERALD HOFFMAN	GARY CLARENCE WATT
NORMAN DAVID HOUSER	GENE LYLE WEBER
LARRY GRANT HOWARD	JOHN FREDRICK WEIDERT
WALTER HANS HUBER	LARRY ALAN WERRIES
DALE EUGENE HUMBERT	GARY JOE WHITTAKER
ROBERT LANCE HUMPHREYS	RICHARD ALLAN WIDMER
ALLEN DALE HUSTON, Honors	ALAN ERWIN WILSON
DAVID LEE INGOLD	ROLAND EUGENE YEAST
JOHN LEE KELLY	KENNETH MICHAEL ZELAZNY
GARY ALAN KENDLE	

In Dairy Technology

DAVID RALPH HENNING, Honors

In Floriculture and Ornamental Horticulture

ROBERT RONALD BOCINSKY
 JACK WILLARD BUXTON, Honors

CLINTON FREDERICK HODGES
 DONALD RAY NEWCOMB

In Food Technology

JON ROBERT ANFINSEN
 MARY ANN SCHNEIDER

TONY JOHN SINSKEY
 CAROL ANN WASCHER

In Forestry

RALPH LEE BAUMAN
 JAMES WENDELL CARSON
 GERALD KEITH COLMER, Honors
 JOHN EDWARD DUFF
 FREDERICK ROGER FRIS
 PETER JOSEPH KAHON

ROBERT LEE MAY
 DALLAS DUANE MUNTER
 CHARLES LEWIS STAYTON
 LEO SWETTENAM, JR.
 THEODORE FRANCIS THOMAS
 RAYMOND MARTIN URBANSKI

In Home Economics

PATRICIA KAY HELM ADAMS
 ROSALIE LOUISE BOHNENSTIEHL
 ALLENE CATHERINE BURTIS
 JOANN MARY BUTTIMER
 CAROL LOUISE CAREY
 PHYLLIS CATALANO
 BONNIE SUE DAMMERMAN
 JOYCE BRANDENBURG DOW
 RUTH ANN DUESTERHAUS
 JEAN LILLIAN EATON
 CLAUDIA THOMAS EDDY
 BARBARA ANNE ELDER, Honors
 SANDRA ROSE FINNEY
 CHARLENE KAY FLACK
 MARGARET FRANCES FLEMING
 MARTHA JEAN KIELHORN GAINES, High
 Honors
 MARY JANE GEHEBER, Honors
 SUSAN JANE GERSTNER
 JOYCE HALE
 BEVERLY JOYCE HUFFORD
 JUDITH ANNE HULVEY
 LEONA ANN KOCHER

ANDRE JEAN LARSON
 SHARON ANN LISICK
 CAROLYN SHAY MILLER
 DARLENE MANTHEI MISTRETTA
 JUDITH KAY MITCHELL
 WINIFRED HARKER MOFIELD
 DIANNE WILLIAMS MOUNCE
 NANCY KAY MUIRHEID
 MARY LEA NOONAN, High Honors
 MARCIA ZAURANN NOVOSELSKY, Honors
 FEROL MARGARET PARRETT
 CAROL NOEL PIPER
 PATRICIA ANN PUPUIS
 JANET ELIZABETH REESE
 ELLEN GERALDINE REIMANN
 KATERYNA REPA
 PATRICIA PULSFORD SAUERS
 BONNIE ANN SCOTT
 CHARLOTTE ANN SCOVILLE
 GERVAISE SUSAN STEFFEN, High Honors
 NYLA NELSON WACHTER
 FONDA LEA WILSON
 JEANETTE IRENE WISSMILLER

In Home Economics Education

NANCY JANE DELAURENTI
 MARILYN CAROL FREDERICK, Honors
 SUZANNE IRIS FRIEDMANN
 BARBARA LENORE HODAM, High Honors
 INGRID LOUISE JOHNSON
 MARTHA GAMBLIN KENDRICK
 ELEANOR LOEBL LITTMANN
 JANICE ROBERTS LUSE, Honors
 GAIL MARCIA OLMSTEAD

CAROL ANN OSTROM, High Honors
 JO ELLEN PUTT
 MARY EMELINE RICKETTS
 ELIZABETH ANNE ROLLS
 CONSTANCE ANN SILVER
 MARY KATHLEEN SULLIVAN
 SHARON KAY WILCOXEN
 MARGARET ANN WILLIAMS, High
 Honors

In Restaurant Management

WILLIAM RICHARD CHEESEMAN

JOHN EDWARD MAHLANDT

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

DONALD RICHARD ANDREWS
 WALTER JOHN ANTONIEWSKI
 MELVIN JOHN BLAHNIK

FRED EDWARD CAPPETTA
 ROBERT JAMES CARLSON
 JEFFREY EMIL DURRIE

ORVAL ROGER FAIRBAIRN
RALPH BARRY GILBERT
RODNEY LOUIS JACOBS, Highest Honors
RONALD VICTOR JENSEN
VICTOR FRANCIS JOHNSON
JOHN FRANCIS LEHANE
TERRY WAYNE MARLOW

ALAN ALBERT SCHAUER
RICHARD JAMES SCHIMEK
RONALD ARMIN STASCHKE
CURTIS FRANKLYN VAIL, Honors
RANDOLPH GRANT WATSON
MARVIN DUANE WHERRY

In Agricultural Engineering

LARRY LEE BANDY
DOUGLAS BERT BAULING, Highest Honors
JEROME DAVID BRADLEY, Highest Honors
ELMER RICHARD ECKERT
RAYMOND THEODORE GOULD

JAMES PAUL JENSEN
GERALD LEE QUADE
JOHN ROLLIN ROSENDAHL
RODGER LEE ROTHERT
ROLLAND DALE SCHOLL
JESSE RAY YOUNG

In Ceramic Engineering

CHESTER LEE CONNORS
ARLIN BOEHME DOERING
MICHAEL DONOVAN DYKSTRA
TERRILL GEORGE HICKS
RONALD WILLIAM KNAKE

JAMES ALBERT LASHBROOK
WILLIAM JAMES MUHLSTADT
GEORGE ANTHONY PECORARO, Honors
RONALD JOSEPH RUTH
JOSEPH ARTHUR TANNY

In Civil Engineering

TALAT AKSAN
WILLARD ANTHONY ALROTH
GEORGY BEZKOROVAINY
ROMAN DAUPARAS, High Honors
ARNOLD S. FEINBERG
JAMES LARRY FILLER
GEORGE MYLES CORDELL FISHER
ROBERT JAMES HOFFMAN
LONNY RAYMOND HOOVER
RIAZ KHADEM
MICHAEL LEE KIEFER, Honors
DANIEL GLEN KISTLER
ROBERT JOHN KROLL
ALICHAN ALEXANDER KUPELIAN
ROBERT NANCE LESLIE
EDVARD MARKESETH
WALTER LYLE MEYER, High Honors

SOILY LANADO MIZRACHI
DILIP LAKHAJI NANDWANA
HERBERT M. NORRIS, JR.
JOHN BOHAN O'SHEA
JOSEPH EDWIN PALKOVIC
ROBERT EUGENE SHEWMAKER, Highest Honors
DANIEL JOHN SLADEK
MICHAEL LEE TERSTRIEP
DREW ANTHONY TIEDEMANN, Honors
THOMAS FRANCIS TIERNEY
ROBERT LOUIS VALDES
JAMES JOSEPH WALLAERT, Honors
HUAI WANG
RAYMOND CHARLES WEISS
KOUROSH ZAIMI

In Electrical Engineering

THOMAS LEE ALWICKER
SHERWOOD ERIC ANDERSON
ROY FRED BAKER
ALLEN MARSHALL BARNETT
WALTER LOUIS BERENSON, Honors
RUDOLPH JACOB BERNHARD
MERWIN DALE BLAKEY
ROGER SOLEM BREDEK, High Honors
GLENN ALFRED BUTLER
FRANK GEORGE Cerven
CHARLES DANIEL CHICON, Jr., Honors
MARSHALL NORMAN DICKLER
CARL EDWIN DOCKENDORF
RALPH THOMAS ENDERBY
CHIU FANG
JAMES LANGSTON FISHER, High Honors
RONALD JAMES FOWLER
ROBERT FRIED
LAWRENCE WILLIAM GALLAGHER

BERNARD SCOTT GAUDI
CHARLES DAN GAY
RAYMOND GHILARDI
PETER STUART GILSTER
ALFREDO EMILIO GONZALEZ GUTIERREZ
JAMES MICHAEL GREGORICH
LARRY RAYMOND GROSS
LARRY JOE GUENTHERMAN
THOMAS LYNN HANCHETT
PHIL ROBERT HARRINGTON
JOSEPH WILLIAM HEIMLICHER
LOUIS LE ROY HEPNER
CARLOS SHUICHI HIGASHIDE
EDWARD MITSURU HORIUCHI
ROBERT MORRIS HORNADAY
STANLEY ROSS HUNT
THEODORE WILLIAM JOHNSON
BRANIMIR JOVANOVICH
ELIAS COSTAS KATSOULAS

PETER KARL KAWECKI
 WILLIAM LOUIS KEINER
 PHYLLIP DEE KENNEDY
 BASILIO GEORGE KERAMIDAS
 ROBERT GENE KINKADE, Highest Honors
 GEORGE PETER KOLOVOS
 ALAN RICHARD KONETZKI
 FRANK DIETER KOT
 VAMBOLA LEMBER
 DAVID LEONG
 WILLIAM ALFRED LEWIS
 CHARLES SHIH-TUNG LIANG, High Honors
 THOMAS FLETCHER LONGWELL, High Honors
 THOMAS JOSEPH MAIMAN
 ROBERT EDWARD MAJEROWSKI
 JOHN BRADLEY MARTIN, High Honors
 JOSEPH GEORGE MCCARTHY, Honors
 CARLYLE BENNETT MELBY
 NORBERT DAVID MIZWICKI
 RANDOLPH ROZELLE NICHOLS
 PETER HENRY NUTLEY
 WILLIAM GENE O'BRIEN
 WILLIAM HOMER OUTHOUSE
 GEORGE SHING-TAN PAN
 WILLIAM LAWRENCE PARKER
 HAROLD ELMER PEELMAN
 JERRY SAM PLACKO
 RONALD ROBERT REICH
 JOHN WILLIAM RETTENMAYER
 GERALD DAVID RHODEN
 ERNEST MAX RICHAU

JOHN PHILLIP RICHTER
 NORMAN LOUIS RIDELL
 STEVEN BROWNING SAMPLE, Highest Honors
 DAVID SAFONAR
 CLYDE ROY SCHAEFER, Honors
 KENNETH SVANE SCHRODER, Honors
 ERWIN EDWARD SCHULZE, Jr.
 JAMES DAVID SEIDNER
 ROBERT JOHN SERSON
 JAMES HERBERT SHANNON, Honors
 KURT WILLIAM SIMON, Honors
 BUCKLEY ALAN SINGLETARY
 JAMES WILLIAM SNYDER
 HARRY ABRAHAM SPERTUS
 GERALD EDGAR STAACK
 VICTOR LEO STATELER
 CARL FREDERICK STUBENRAUCH, High Honors
 RALPH ROBERT TAYLOR
 HAROLD JACKSON TRABUE
 THOMAS JOHN ULASZEK
 DEREK LEE VARNER
 PAUL FRANCIS VIROBIK, Honors
 WILLIAM EUGENE WAGNER
 MARVIN LEE WAHL
 JAMES VINCENT WALENGA
 JOSEPH EUGENE WALKER
 LAWRENCE WALTER WHITEHEAD
 CHARLES HENRY WIGGINS, Jr.
 ROBERT EDWARD WILLARD
 JOHN CHARLES WISSMILLER, Highest Honors
 DANNY LEE WOODWARD

In Engineering Mechanics

CARSON THURSTON BROWN, Honors
 JOSEPH JOHN CZYZ
 DAVID CARLYLE GIFFIN
 WESLEY ERNEST HOSKEN, High Honors
 THEOBALD JOHN KAUTH, Jr.
 THOMAS EDWARD KENNEDY
 ERNEST VANCE LENZI, Highest Honors
 NORMAN DOUGLAS RICKARD
 KIM ODELL STEIN, Honors
 VICTOR TERKUN

In Engineering Physics

WILLIAM RUSSELL ABEL, Highest Honors
 JAMES DALE BOYD
 RONALD EUGENE CARMEAN
 JIMMIE DUANE COPPLE
 DONALD JOHN DESMET, Honors
 GARY LEE FULLER
 ROBERT JEROME HEYDA
 WILLIAM ROBERT KLESSE
 WILLIAM ROBERT LIEB, High Honors
 CHARLES ANTHONY MISTRETTA, Highest Honors
 DON RALPH TOMASZEWSKI, Honors
 FRANK YUNG-FOONG TSE, High Honors
 RUSSELL CHARLES WHITE, High Honors
 MICHAEL KENNETH YATES, Highest Honors
 RONALD EDWARD ZELAC, Highest Honors

In General Engineering

JERRY ANTON BILEK, JR.
 KURT WILLIAM PAUL BOCK
 BRUCE ALAN BRAMMER
 MICHAEL RICHARD CERVANTES
 JERRY MICHAEL ETTINGER
 GLENN LEROY IRWIN
 FRANK FREDRICK PETERSON
 JAMES KENNEDY SIMCOX
 STANLEY SLAZAS III
 JERRY LYLE SNIVELY
 THOMAS COATES WEGENER

In Industrial Engineering

PINAKI RANJAN DAS
JOHN B. GEROSA
ROBERT LAWRENCE HARTSOCK
GARY DAVID HOUGH
JOHN WILLIAM JAACKS

MERRILL S. LAURIN
BRUCE HILLARY LEHKY
PAUL PIERRE LOEFFEL, Jr., Honors
DALE CARL PEARSON
DON CHARLES RAGON

In Mechanical Engineering

MARK EDWARD ANABLE, JR.
LOUIS RUDOLPH BAHOR
HARRY JOSEPH BARDWELL
THEODORE SANFORD BESH, JR.
HERBERT FRANCIS BISCHOF
LEROY GUSTAVE CASAVANT
LEO HILAIRE CASTELEIN
ROBERT LEONARD CREASEY
JERRY DEAN CRUM
WALTER STANLEY Cwik
JOHN EDWARD DEVEREUX
DANIEL CARL DICKINSON
WILLIAM MUMFORD EMRICH
EDWARD ALBIN ENSTROM
WAYNE DALE GAPP
ROBERT EMMET GASTON
ANDREW GUSTAV GIEL
JOSEPH HARRY GOLANT
ROBERT ALLEN HELFINSTINE, Highest
Honors
WILLIAM ALFRED HUBBARD
GERALD LEE JACK
JON MICHAEL JENKINS
THOMAS JAMES JURIGA
ROBERT MICHAEL KOCOLOWSKI

RICHARD JOHN KOLAK
FRANK JOSEPH KOPICS
DONALD KERSHAW LAWRENCE, Honors
LONNY KAY MCCLUNG
JAIRO MELO ESCOBAR
GEORGE RALPH MIDDENDORF
BRUCE ALEXANDER MILLER
GERALD LEE MILLER
DAVID WENDELL PETERSON
JOHN DAVID PHILLIPS
DOUGLAS WARREN RICHARDSON
DONALD LEE RIVIERE
LARRY IVAN ROSS
MICHAEL DAN SEEF
DANIEL JAMES SIBLIK
HERNANDO SOLANO PEREZ
BRUCE THOMAS STAFFORD
HARRISON STREETER
ARTHUR RAYMOND TOMCZAK
KLEO KNOX TORRANCE
RAYMOND WALDO WAKEFIELD
RICHARD EDWARD WALSH
WILLIAM THADDEUS WALSH
EDWARD ERICH WERNER
WILLIAM RAINFORD WINN, Honors

In Metallurgical Engineering

DENES ISTVAN BARDOS, Honors
HOWARD ANTON FERGUSON
GERALD DUANE JOHNSON
ALAN PAUL KLUENDER

WILLIAM BUCKLEY RADECKE
EUGENE LOUIS SMITH
JOSEPH WALTER WDOWIARZ

In Mining Engineering

MYRON PAUL GRAY
JAMES RAYMOND JOHNSTON

FRANKLIN DWAYNE LERO
LANNY LEE RICHTER

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Home Economics

SHERYL LEE FIESTER, Honors in Liberal
Arts and Sciences

JOANN MARIE TRESSSELT, Honors in
Liberal Arts and Sciences

In Liberal Arts and Sciences

HERBERT TRAUB ABELSON, Honors in
Liberal Arts and Sciences with
High Distinction in Chemistry
KATHERINE ABRAHAM
DIANE LOIS ABT
ALLEN BURTON ALDERMAN
ROBERT LOUIS ALMASY
JUDITH ELAINE ALVER

JEFFREY MICHAEL ARNOLD
ROBERT ISHAM AULER, Honors in Lib-
eral Arts and Sciences with High
Distinction in Philosophy
JOHN SANDS AUSTIN
THOMAS ROGER AUVINEN
PAUL ROBERT BALTZ
ANITA CAROLE BEAR

- BYRON KENNETH BECK, Honors in Liberal Arts and Sciences with High Distinction in History
 RICHARD CHARLES BELVAL
 DOUGLAS STEVEN BENSON
 JON KENNEY BESIG
 DIANE MAE COOK BIELAWA, Honors in Liberal Arts and Sciences
 FRANK JEROME BIRSACH, JR.
 DAVID EUGENE BLACKBURN
 RICHARD LEE BLATT, Honors in Liberal Arts and Sciences with High Distinction in Political Science
 DAVID CLIFFORD BLESSING
 RAYMOND KENNETH BLUHM, JR.
 LORA JANEEN BOATNER
 JULIA HAMMOND BODMAN
 ROBERT BOOKSTEIN
 MAURICE EDWARD BORASKY, Honors in Liberal Arts and Sciences with High Distinction in Mathematics
 LYNN ELLEN BORK
 KENNETH EDWIN BORROWDALE
 RICHARD NELS BOTTHOF
 RONALD EUGENE BOYER, Honors in Liberal Arts and Sciences
 BARBARA MARIE BREN
 WILLIAM HENRY BRUCE, JR., Honors in Liberal Arts and Sciences
 ROBERT WOOD BRUNSMAN
 MARIANNE BERNICE BURKE
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 KARLYN MOELLER COVERDALE
 NORMAN ROBERT DEAN
 VERNON KEITH DEASON
 KEITH MELVIN LEEDY
 MICHAEL JOSEPH NEILL
 KATHLEEN ANNE STEWART, Honors in Liberal Arts and Sciences
 KENNETH LYNN WATTERS

In the Teaching of Geography

VICTOR HAROLD BECK

In the Teaching of Mathematics

- CAROLYN CHARLOTTE BREITBARTH, Honors in Liberal Arts and Sciences
 CORINNE MARIE BREITBARTH, Honors in Liberal Arts and Sciences
 MARY ANN BUCHER, Honors in Liberal Arts and Sciences
 RUTH ELLEN EDWARDS
 DIANA FOGLER, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
 GAILA MARIE GRUBB, Honors in Liberal Arts and Sciences
 THOMAS ANDREW HANNULA, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
 JOANNE HANZEL, Honors in Liberal Arts and Sciences
 WILLIAM LEROY HUMM
 JOHN MARTIN JURSA
 KARL CORNELL KELLEY, Honors in Liberal Arts and Sciences
 LINDA ANNE KRIMMEL

JUDITH GAYE LAIRD, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

JUDY KAREN LYNCH

JUDITH CLAIRE NASERS

BARBARA ELIZA NOLTE

ALAN MICHAEL NORRIS, Honors in Liberal Arts and Sciences

CAROL MARGARET PETERSEN, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

DANA FRANCES SOSE, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum

In the Teaching of Physics

STEPHEN DONOHUE GAY

COLLEGE OF LAW

Degree of Bachelor of Laws

GENE SCOTT ANDERSON, A.B., 1960

ROBERT JAY BIER

JOHN CHARLES BLAKSLER, B.S., 1959

DANIEL BRADLEY BLODGETT, B.S., 1959

DAVID HAROLD BREMER, A.B., DePauw University, 1959

EUGENE ELLIOT BROTT, B.S., M.S., 1956, 1959

ROBERT LAYNE BURNETT, A.B., 1960

RICHARD BURR COLLINS, B.S., 1959

HOMER MARC DAHMAN, A.B., 1960

GERRY LEE DONDANVILLE, A.B., 1960

DANIEL DEAN DOYLE, A.B., 1960

JAMES WALTER EVANS, JR., A.B., Beloit College, 1959

GUY CRONICE FRAKER, JR., A.B., 1960

RAYMOND WILLIAM GASS, B.S., Purdue University, 1959

MORTON SANFORD GOLDFINE

ROBERT LEO GORMAN, A.B., 1960

JOHN BENJAMIN GUNN, A.B., Westminster College, 1959

JAMES WILLIAM GUSTAFSON, B.S., 1961

JON DAVID HARTMAN, B.S., 1961

WILLMORE CRANE HASTINGS, B.S., 1959

EDWIN ANDREW HAWKINSON, B.S., 1959

MELVIN FRANCIS JAGER, B.S., 1960

JACK BYRKIT JOHNSTON, A.B., DePauw University, 1959

ROGER ALLAN JONES, A.B., 1960

GORDON GEORGE KAPLAN, A.B., 1960

KELLY KAPPLER

EDWARD JAMES KIONKA, B.S., 1960

CHARLES WILLIAM KREIE, B.S., Bradley University, 1956

NORMAN RICHARD LAWRENCE, B.S., 1961

LARRY MERWYN LEIKEN, A.B., 1960

LARRY LEE LESSEN, A.B., 1960

THOMAS FOSTER LONDRIGAN, A.B., University of Notre Dame, 1959

WILLIAM BRUCK MALONE, B.S., Loyola University, 1955

DONALD WILLIAM MARGOLIS, B.S., 1959

JAMES WARNER MARSHALL, A.B., University of Connecticut, 1959; Honors

DONALD LEE METZGER, A.B., 1960

HUGH PRITCHARD MORRISON, JR., B.S., 1956

BARRY BENJAMIN NEKRITZ, A.B., 1960

RICHARD BRYANT NEU, A.B., 1958

ROBERT GEORGE NOTMAN, B.S., 1960

STEPHEN LINDSEY REVEAL, B.S., University of New Mexico, 1955

CHARLES THOMAS RICE, B.S., 1961

DAVID ELLIS ROBINSON, A.B., Illinois College, 1959

STUART EARL SCHIFFER, B.S., 1960

DAVID BERNARD SCHULMAN, B.S., 1960; Honors

LAWRENCE LeROY SHAFER, A.B., 1959

DONALD LYNN SMITH, B.S., 1961

JOHN WILLIAM STRONG, A.B., Yale University, 1957; Honors

JEFFREY CUIN TAYLOR, B.S., Millikin University, 1959

LOTT HERRICK THOMAS, A.B., DePauw University, 1956

KENNETH WINN TRAUM, JR., B.S., 1959

WALWYN MARSHALL TREZISE, JR., B.S., 1960

PHILIP LANTZ TURNER II, A.B., 1958

VANCE J. VAN TASSELL, B.S., 1954

BERNARD TALBOT WALL, A.B., 1960

RICHARD HENRY WHITED, A.B., DePauw University, 1959

ROBERT PAUL WILL, JR., A.B., 1960

ARTHUR VERNER WOODWARD, B.S., 1953

SIDNEY ANTHONY ZIPPERMAN, B.S., 1960

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

ARNE SIGURD AMALIKSEN

MARLENA KAY BALDRIDGE

LILLARD GENE BROWN

ROY GILBERT COLSON

JONNA HENSON CORNELL, Honors

MUSERREF AGAN DEDE

JEANNE RYAN FAATZ
 GALE ROBERTA GOLOVAN
 RICHARD LELAND GREKO
 BEVERLY KONIGSFORD HARVEY
 BETTY JO HYATT
 LINDA MARLENE KAHLE
 DORIS KAY KLEIN
 LINDA ANN MATTHEWS
 MERLE SUE MILLER
 LINDA LEE MORRISON, High Honors
 SHARLENE AUDREY PEARLMAN, High Honors
 CAROLYN ELIZABETH PETERS
 JACQUELINE FAYE POLICH

WILLIAM JOHN SCANNELL
 NORMAN DALE SCHMIDT
 DONALD CARL SCHUMACHER
 BETTY LOUISE SHAW
 PATRICIA HARNEY SMOOT, Honors
 PATRICIA JEAN STACK
 LEE MARTIN TYNE
 ELIZABETH SCROGHAM VIERLING
 PATRICIA PAULINE WARD
 JOSEPH SAMUEL WHITE
 JERRY LYMAN WILLIAMS, Honors
 EARL LEROY WORDLAW
 ADRIENNE ZIPPERMAN

In the Education of the Deaf

LINDA CARL BONNEM
 MARY JO FLORIO, Highest Honors

JUDITH KILLIAN MOLL, Honors
 SANDRA DIANE SCHWAB

In the Education of Mentally Handicapped Children

NANCY JOHNSON BARGER
 EILEEN COULTER
 BARBARA KAREN ELDER
 MARCIA FARBER
 MARY EVELYN FORESTNER
 ROCHELLE FRUCHTER, Honors
 ROCHELLE SIVIA GRABER, Honors
 SHIELA TEMMY GREENBERG

BETTE GRIFFITH MAYOR
 JOANN MILDRED POSPISIL
 FREDNA ANN RAY
 JOAN SANDERS
 JEAN BROWN SAUNDERS, Honors
 NEDRA ELAINE THOMSON
 JANE ELIZABETH WALSH
 JACQUELINE LEE WILHELMSSEN

In Elementary Education

MARILYN KAY ALBERT
 MARLENE KASSEN ALWICKER
 ELAINE DORIS ANDERSON
 BEVERLY CAROLE ARENT
 SUSAN FRANCES BOOTH
 BONITA BLANCHE BOWRON
 JOYCE ANN BOZARTH
 DONALD OWEN BROWN
 JILL WINTER BUBLICK
 BETTY JEAN BURCH
 ARLENE BARBARA BUSH
 MAE OLA BUSH
 JOSEPHINE KUNDE BUTTERWORTH
 KAY JEAN BYRNE
 BEVERLY JANE CANNON
 ALICE KLEIN CARRIGER
 KAREN TOWLE CARSKADON
 JOYCE HELEN CLEAVER
 MARGARET ELLEN CLEMENTS
 MARY LINDA CONNOR
 KATHLEEN ELEANOR CURRENS
 JANET ELAINE CURRY
 GLORIA MARIE DICESARE
 JOAN RHODA EFRUSSY
 MARY MARGUERITE EHLE
 CORA JANE ELDRIDGE
 HARRIET LOIS ELMAN
 CAROL BERNADINE ELSON
 CAROL ANN FARBER
 JOYCE MAIER FIREBAUGH, Honors
 SALLY LOU FRITZ
 JEWEL ARLENE GENANT
 WENDY GAY GEYER

MARIE ELAINE GIESZELMANN, Honors
 NANCY KAY GINTZLER
 MAUREEN SUE GOLD
 MAISCHELLE DEBRA GREEN
 CYRELLE FERN GREENBERG, Honors
 HARRIET MAY GREENBERG
 BONNIE JOY GRINKER
 GAYNELL MARIE GRUBB
 ELLEN REBECCA HAND
 SUSAN LYNN HEALY
 THERESSA STRATTON HECKERT
 ROBERTA MARIE HEROUT
 SARAH MCCONNELL HIGHSMITH
 LOIS ANN HOGREFE
 MARY LOU HOUSER
 MARY AGNES HUCK
 JACQUELYN EDITH HUNT
 MARLENE LOUISE JENSKY
 JANICE ANN JOHNSON, Honors
 MARGO ANN JOHNSON
 JO ANNA MARIE KACMAR
 SALLY WHITTEN KANNE
 BARBARA FERN KAPLAN
 MARJORIE JANE KASTEL
 LINDA LOUISE KERR
 VIRGINIA LOUISE KLINGENSMITH
 MERLE LEZAK KRAMER
 LYNN ELLEN KREUZBERGER
 KAREN LOUISE KRUG
 LOUISE KUMAI
 JOAN MENIETTI LAYZELL
 JUDITH GAIL LEMOND
 ELINOR LERNER, High Honors

JANICE ELAINE LEWKOWICH
 JUDITH ANN LINKOW
 CAROLYN FERN LORBER
 JUDITH ELLEN MANK
 NANCY ANN MCKIBBIN
 SARALEE MEDJES
 JOYCE HARRIET MERKIN
 FANCHON H. MEYERS
 JANET SUZANNE MOBERG
 LUTHER ROBERT MORRIS
 KATHERINE LOUISE MUELLER
 MARCIA ANNE MURRAY
 CLEO RAE NEELY
 SHARON JEAN NETTLES
 WILLIE BEATRICE NEWTON
 GAYLE KATHLEEN NOBLE
 GLADYS KATHERINE NYE
 ANN MARIE O'DONNELL
 SUSAN GREGG OLSON
 BONNIE RAYE PARSONS
 JANET PHILLIPS
 LINDA NELL PICKETT
 VIRGINIA PITTS
 MARY SUE POTTS
 ROSE ELLEN PUFÄHL
 MARILYN ROSE PULLEY
 BETTY JOYCE REYNOLDS

HELEN MARY ROLSTON
 CHARLENE JOYCE ROSENBERG
 MARINA SAMIOS
 MARY DONNA SCHROEDER
 SALLY ANNETTE SCHROEDER
 LAVERNE JEAN SIGLE
 GLENDA SHMIKLER SIROTA, Honors
 MARY LYNN SMITH
 PATRICIA ANN SMITH
 SANDRA LYNNE SMITH
 JUDITH EVELYN SOBCEK
 LINDA LOU STEINGRABER, Honors
 JOAN BARBARA STEJSKAL
 JUNE MARGARET STOTTS
 BIRUTE MARGARITA STRIKAITIS
 SHEILA PHYLLIS TANENBAUM
 JACK EDWARD TAYLOR
 NANCY HERMAN TEPPER, Honors
 ANN RUSSELL TOBIN
 BARBARA ANN TUSH
 KATHRYN LOUISE UHRICH
 BARBARA DEAN WEISS
 GAIL ANN WILHELM
 KATHARINE RUTH WOGNUM
 CHRISTINE MARIE WOJTAS
 MERNA TUCKER YOUNG
 MARGARET ANN ZAREMBSKI

In Industrial Education

PAUL WESLEY BENZ
 VINCENT JOHN CAPUTO
 KENNETH BRADLEY CECIL
 GEORGE THEODORE CHUBB
 HARRY ROBERT ELKINS
 JOHN WILLIAM GREGORY

CHARLES EUGENE HOOPER
 ARMAND JEAN LECRONE
 GARY JON MEYER
 FRANK ERIC PUGH, High Honors
 KEITH ALLEN ROBINSON
 RONALD J VIEMONT

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

DAVID LOUIS AGER, Honors
 WILLIAM ALLEN AMUNDSEN
 CASS PETERS APPLE, Honors
 KEITH GENE ASHER
 HARVEY WILLIAM AURES
 ALAN BERKOVITZ
 DENNIS I. BLEVIT
 CLIFFORD GALE BOGGS
 WILLIAM JAMES BROWN
 DON SHELDON BROWNING
 HILDING DALE CARLSON
 DON ALLAN CARROLL
 JOHN MAX CARROLL, Honors
 MARVIN HOWARD CITRO, Honors
 PHILLIP WORTH CRAWFORD
 WILLIAM JOSEPH DEKOKER
 MYRON ALFRED DONNA
 THOMAS LAWRENCE EOVALDI, Honors
 GARY NEIL ERVIN
 JULIA GREGG FINLEY, Honors
 MILDRED ANN FULTON
 MYRON NORMAN GOLDSTEIN

RICHARD FREEMAN GORDON
 WAYNE GULBRANSEN
 MICHAEL HUGH HALLIGAN
 MICHAEL LEON HARRIS
 STEVEN ALLAN HELFAND
 HERBERT DOYLE JOHNSON, Honors
 JOHN MASON JOHNSON
 DEAN WILLIAM JONES
 LARRY RICHARD KANE
 MICHAEL ALAN KLEIMAN
 FRANK JAY KOSTER, Honors
 WILLIAM LOUIS LEVY
 MICHAEL LISTICK
 RALPH JOSEPH MANDARINO, Jr., Honors
 JACK HENRY MARCACCI
 SIDNEY BRUCE MARGOLIS
 CHERIE LYNN MERTENS, Honors
 PAUL WARREN MONTGOMERY
 STEVEN NEIL MOTTATZ
 SEYMOUR NAGORSKY
 ALLAN ROY OLSON
 DAVID KUMAR PALIT

WILLIAM EDWARD PETERSON
SAM PINZUR
THOMAS LYNDELL PULLEN
JAMES RANALLO, JR.
FRANK RICHARD RICE
RICHARD ROSENFELD
STANLEY IRWIN ROSENTHAL
MICHAEL M. SACHS, Honors
EARL SALSMAN
MARGARET EVELYN SCHABOW
ROBERT THOMAS SCHWIND
BARRY JOEL SHERE, Honors
JOE CLIFTON SPENNEY
DOUGLAS FRANK SPESIA
EDWARD STEGMAN, Honors
IRA ROBERT STRIZAK

RONALD EDWARD STROM
DONNA JOYCE SUNKEL
LAWRENCE JACK TANDET
GEORGE FREDERICK THORNES
JOSEPH ERNEST TOMLINSON
DENNIS PETER VAN MIEGHEM, Honors
EDWARD GARY VICTOR
DONALD AAFLEI WALDMAN, Honors
THOMAS M. WALTERS
HERBERT PERRY WASSERMAN
ROBERT ALLEN WELCH
MICHAEL WILLIAM WELGE
PROSPER KING WHITNEY IV
RICHARD EDWARD WILSON, Honors
R. ARIFIN WIRAKUSUMAH

In Accountancy and Management

TERRY JOE ROMACK

In Commerce and Law

DAVID NATHAN BAUM
RICHARD EARL BROWN
WALTER LEWIS CROWLEY
FREDERICK HOMER DICKSON
ROBERT VERNON ELDER

LLOYD ARTHUR KARMEIER
SHELDON MYRLE SOBLE
MICHAEL PAUL TOLIUSZIS
PETER ANTHONY ZAMIS

In Commercial Teaching

BARBARA MEYER BURNSIDE
NANCY WOOD DEEDRICK
MARALEE SHIELDS MORRISSEY
ARLENE LOUISE RIES

NANCY AMELIA SCHWARCZ
AUDREY GAYLE SHAW
JANET KAY WILLIAMS

In Economics

KARL HERMAN ASMUS, Honors
KENNETH DALE BARNABEE
JOHN MICHAEL BOIE
JOHN FREDERICK FREDE
DONALD MAX GELDEAN
JERALD BENNETT GRONER

REGINALD GYBERTAS
JAMES RICHARD McMAHON
ALDONA PAULIUS
PAUL HOLLERAN PRENTISS, JR.
HARRY MORRIS SANGERMAN
RICHARD WAYNE TRUELICK, Honors

In Economics and Management

JERRY LIND CARSON, High Honors in Economics and Honors in Management

In Finance

JAMES MICHAEL BOWEN
CARTER HOWARD BRANTNER
EUGENE RAYMOND BRODSKY
JOHN EMMETT BRUBAKER
RONALD GEORGE ERICKSON
WILLIAM MURRAY FREIVOGEL
SIDNEY FRISCH, JR.
JERROLD BRUCE GOLD
JEFFREY LOWELL GRAUBART
RALPH MATTHEW GRUENEWALD
ROGER WILLIAM GUSLOFF
JOSEPH FRANK HANSON
KENNETH GERALD HARRISON
GORDON DEAN HONEGGER

KENNETH LOUIS KLADIVA
STEPHEN MICHAEL KLAFTER
FLOYD EARL KRAUSE
BARBARA JEAN MUELLER
HUY KIEM PHAN
DAVID ROBERT RANDALL
ALVIN WILLIAM REITZ II
MICHAEL ANDREW SCELSI
LAWRENCE EDWARD SEPPI
KENNETH MICHAEL STEVENS, High Honors
RONALD FREDERICK TULIN
RICHARD EDGAR WARNER
GUY EDWARD WILLIAMS

In Industrial Administration

MICHAEL DAN AUFRECHT
PETER CLOUGH BULKELEY
JOHN CHARLES FISHER
LARS LESTER LARSON

CALVIN WARD MYER
DAVID LLOYD RUDOLPH
ROBERT GEORGE VLAHOVICH
THOMAS MATHEW WELCH

In Management

JAMES LEE BIBA	WILLIAM RAE KRUEGER
ERNEST EDWARD COLLINS	ALAN GEORGE MALEY
JAMES WILLIS FISH	WARREN MERZ
GEORGE ROBERT FLEISCHLI	JOHN LEE MESSINGER
DAVID DEVERELL GILL	RONALD GLEN NEWMANN
RICHARD JOHN GODDARD	RAYMOND CHARLES OAKLEY
THEODORE PAUL GORDON	CHRISTIAN OSCAR JOSEPH ORBESEN
JOHN THOMAS GUTTMAN	DANIEL MASON PENN
DAVID LEE HARDESTY	RONALD HENRY REINHART, Honors
BRUCE ELBERT HARRISON	JAMES CHARLES REMER
SHIRLEY LIVESAY HERRINGTON, Honors	RICHARD CRAIG SLATER
JOSEPH TERRY HICKMAN	CLEON EDWIN STATTON
RICHARD JOHN JAUCH	JOHN WILLIAM STEWART
KURT WILLIAM JOHNSON	MIMI STONE
GEORGE JOHN JUSKAITIS	CHARLES LOUIS WILLEMS

In Marketing

ROBERT ERNEST ANDERSON	BRUCE CARVER MARTIN
KENDALL BENNETT AUBUCHON	DOUGLAS CULVER MILLS
ROBERT PHILLIP BITTER	ROY PAUL MOELLER
TOMMY ROY BOATMAN	ROBERT KYLE NIEMAN
HARRY LEWIS BOWMAN	ROBERT ORTIZ
MARTIN FRED BRAUN, Honors	MICHAEL THOMAS OWENS
TERRY RICHARD BURKE	VIOLETA JANINA PABARCUS
JOHN KIRK CLEMENS	ROBERT MELVIN PASS
ROBERT VERN COOK	RONALD IRWIN PASS
LAWRENCE GERALD DOTY	FRED BENNETT PIERSON, Jr.
JOANNE CAROL EBY	MICHAEL JOHN POPIK
FRANCIS JOHN GAIK	JAMES THEODORE ROBERTSON
PHILLIP JAY GERBER, Honors	STUART HALE SCHULMAN
WILLIAM RAYMOND GILDHAUS	RAYMOND STANLEY STIMSON, Jr.
ARTHUR LEWIS GLASSMAN	JOHN ROBERT TAYLOR, Honors
JAMES LEE HOHULIN	ROBERT GERALD TAYLOR
NED CHARLES HUMMER	BARBARA LEE TRICKEY
ROD DEAN KIEFUS	DOROTHY ANN VANDERBILT
DENNIS EUGENE LARSON	ROBERT ORVILLE WALCOTT
JOHN MICHAEL LEVAN	STEVEN E. WALES
MELVIN RAE LEWIS	JOHN DOWNS WEIDES
RONALD LAWRENCE LOBERT	

In Secretarial Training

EVA MARIE BOUDREAU	MARJORIE KRBEK
KATHLEEN MCGINNIS GELLINGER	

In Urban Land Economics

FLAVIL WILLIAM BLAND	FREDERICK THEODORE MELBERG, Jr.
ROBERT LANE CARTER	ALLAN ARTHUR WEINSTEIN
WALTER JOSEPH CZARNECKI	JAMES GILBERT WHITLOCK
CLARK EDWARD LUND	

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Communications

JUDITH RENAE AUKLAND	JAMES SCOTT BRADY
ALAN BRADLEY BARROWS	VERNIE KENT BROWN
SANDRA JEAN BARTHOLMEY	GLENN CHERTKOW
JOAN DALE BECKMAN	SANDRA ROSE DEMERJIAN
SUSAN BERNSTEIN	JOHN AL DEREU
LARRY LEE BLANKENSHIP	JOHN SMYSER EATON
RANDOLPH COWAN BOGGESE	DONOVAN MARNELL ESSEX

MARK MERRILL EVENS
 LEONARD MICHAEL GELSTEIN
 WADSWORTH CHARLES GILLER
 ARLENE SCHOENBURG GOLDSTINE
 ARNOLD DAVID HARRIS
 JOHN THOMAS HART
 VINCENT WHEELER HELMINTOLLER, JR.
 JOHN FRANCIS HOGAN
 JUDITH MOMMSEN JAUCH
 KAREN JUNE KAITCHUCK
 STEPHEN KAYE
 CHARLES TAYLOR KERCHNER
 CHANG JAE KIM
 WAYNE LEROY JOHN KLATT
 NANCY LEE KOHLENBERGER
 DONNA ANN KOUKAS
 GARY ANDREWS KRAUSS
 HARVEY JOEL LEVITAN
 MATTHEW LAURENCE MCBRIDE
 MARY ANN MCGUIRE
 LOWELL EUGENE MCKIRGAN
 SUZANNE MICHL
 MICHAEL RAY MILLER

JASON EDWARD MORGAN
 RONALD LEE MUELLER
 RONALD ADRIAN NAPIER
 THOMAS ALAN NEWTON
 DAVID LEE PETERSON
 FREDERICK KORF PLOUS, JR.
 JOHN PAUL PUSHKASH
 VERNON KEITH RICHEY
 RONALD ISADORE ROSEN
 JAY SOLOMON ROSENBERG
 JUDITH ANN RUMCHIK
 BRYAN HOWARD SAVITSKY, Honors
 MARGARET ELIZABETH SCHERF
 WILLIAM HENRY SCHRECK, JR.
 RICHARD JOSEPH STACK
 JUDITH ANN TROXELL
 THOMAS HENRY TUCHSCHERER
 PETER CHARLES VOJTIK
 MARVIN SHELDON WEISS
 NOEL PHILLIP WORKMAN
 PAUL ZAKARAS
 JEANNE ELIZABETH ZASADIL, Honors

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Architecture

ROBERT LOUIS AMICO
 DAVID BAKER
 ESMAIL BANI-ASSAD
 WARREN ROBERT BAUER
 JAMES SEYMOUR BLINK
 ROLAND ARTHUR BRAASCH
 ROBERT ARTHUR BRENT
 JOHN GORDON BRUNI, Honors
 DAVID GLENN CHAMP
 ROBERT BURTON CUPPAGE
 GUNDUZ DAGDELEN
 SAMUEL NORMAN DARBY
 RADIVOJ DJUJICH
 THEODORE A. FEINEIS
 DONALD FRANCIS FREDERICK
 LOUIS ROY GARDNER
 STEPHAN HARLOW
 BERNARD N. HARRINGTON
 ROBERT SPENCER HYTEN, JR.
 ROBERT THOMAS JAEGER
 BRUCE MILTON KRIVISKEY
 DONALD DAVID KRUNIC
 RONALD JOSEPH LABINSKI, High Honors
 GEORGE HENRY LOSCHKY
 DAVID ARTHUR LOYET
 GEORGE EDWARD MANGAN, JR.

VIRGIL GEORGE MILLER
 MANOOTCHEHR MOZAYENI
 JOHN SCOTT MURRAY
 STUART KENNETH NEUMANN
 ERNEST JEFFREY ORLOVE
 DON OWEN PECK
 RONALD ARTHUR REICHERT
 DAVID VICTOR REMELY
 RONALD KENT SAWYER, Honors
 WILLIAM FREDRICK SCHACHT
 ROBERT JAMES SCHILL
 EUGENE CHARLES SCHMITT
 RONALD EUGENE SCHMITT, High Honors
 JOHN EDWARD SCHUTT
 ROBERT LEE SOMOLIK
 EDWARD STEFONIAK
 JACK MICHAEL STEPHENS
 SAM ROBERT SWANSON
 KENNETH WILLIAM TARDY
 JON KURT VON ACHEN
 FREDRIC WEMLINGER, Honors
 DONALD LEE WILLIAMS, Honors
 SIDNEY WINTERS
 JAMES EDWARD WRZESIN
 ARTHUR FREDERICK YUENGER

Degree of Bachelor of Fine Arts

In Advertising Design

PATRICIA MARY AU-YOUNG
 KAREN NINA BUNDE, Honors
 CONRAD TIMOTHY FIALKOWSKI
 MICHAEL JAMES GARRETT
 SYLVIA MARIE KARLAK
 RICHARD WAYNE MOULTON, High Honors

VANCE ALLISTER STEVENS
 INGRID RICHTER TALBOTT
 TOSHI UTAGAWA, Honors
 RALPH ALLEN WOODS, High Honors

In Art Education

DONALD ELLSWORTH ENGLISHMAN
CAROL ANN HUSZAR
BARBARA ANNE LINDH, Honors
NANCY NELL LUNDQUIST
LUCILLE LARUE ROSS

CYNTHIA LYNN SCHWARTZ
BECKY ANN SHANER, High Honors
LYNN ELLEN TEMPLE, Honors
KAY JANE VOZENILEK, Honors

In Crafts

COILLE McLAUGHLIN, High Honors

MARY ALICE POAG

In the History of Art

LAWRENCE SALOMON

In Industrial Design

MARILYN KAY AUSTIN
JOSEPH MILAN BALLAY
RAFAEL YET-FU CHOW
DALE EDWIN FAHNSTROM
LEONARD DONALD KULIK

ALBERT LEO NAGELE, Honors
THOMAS REED OERMAN
THOMAS ELWOOD OLLER
LAWRENCE SALOMON

In Landscape Architecture

WILLIAM ERNEST HODGSON
JAMES RICHARD JOHNSON

KARL WILLIAM WENDEL
RICHARD REESE WILLIAMS

In Painting

HOMER KAYE DYAL, High Honors
GARY DENNIS HAGEN
ELLEN BROCKWAY HAGEWOOD
KENNETH WARREN LILLQUIST, High
Honors
JOANNE MATHERS, Highest Honors
EVAR LEONARD MILLER

PAULINE RICHTER, High Honors
THEODORE EDWARD ROSE, Honors
LYNNE JOY RUZA, Honors
CARY BRANDEIS SHAPS
SUSAN ELISABETH SHUTE, Honors
JOHN GEORGE WISNOSKY

In Sculpture

PAUL LOUIS ADKINS

JAMES LANGLEY HOCKENHULL, Honors

Degree of Bachelor of Music

JAMES ELLIOT DAPOGNY, Highest
Honors
DELBERT DEAN DISSELHORST, Highest
Honors
DOROTHY LOUISE HUBBARD, Highest
Honors

JAMES DONALD KNAPP, JR., Honors
CAROL LOU OYSTER, Honors
KAREN TIMOTHY POSNER
ROBERT SCOTT WARD, Highest Honors

Degree of Bachelor of Science*In City Planning*

LAWRENCE BEECHER MOORE

GEORGE ANDREW WADDELL

In Music Education

GLENDA KATHLEEN BECKER
HELMIE DOREVE ALDE CIESLEWICZ,
Honors
JOAN ANN DURLAND
DONALD WILLIAM FRETTEY
MELANIUSZ JAN GIENKO
MARY CAROLYN GIESE, High Honors
JUDITH MORSE HARRINGTON, Honors
CAROLYN KAY HOWARD
DONNA KAY JOHNSTON, Highest Honors
LINDA CHLOE JOY
CARL THOMAS KOKES
ALICE RACHAEL KRENTZMAN, High
Honors

VIRGINIA HUBERT LYON
FRANCES LESLIE MACDOUGALL, Honors
BARBARA ELIZABETH MEYERS, Highest
Honors
JANET ELAINE MOODY
DORCAS ANN NEWTON
HAVEN LEA PALMQUIST
HELEN GLOYD PRESNELL, High Honors
MARY HAFERKAMP RADELL, High
Honors
RUTH ANN RIDDLE, Highest Honors
SANDRA LEE RIECHMANN
LYNORE EVE ROSSETTI
MARTHA ROTTER

CAROLYN JUDITH SHETTRON
 VIRGINIA GEORGEANN SHIVE
 RUTH CORTRIGHT SMITH

SUSAN STERRETT, Honors
 ELIZABETH RIEDELL WITT
 BETTY ANN ZINSER, High Honors

COLLEGE OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Health Education

JOHN KENNETH BROWN
 ROBERT JOHN MOORE, JR.

PETER JON STELTON

In Physical Education

SUSAN CAROLYN ABELEW
 BRUCE LEE ARNOLD
 ROBERT SAMUEL BEHNKE
 ZELINDA ANNE BENNETT
 LESTER JAY BROD, Honors
 GARY WAYNE BROWN
 MARJORIE ANN BROWN, Honors
 RONALD GLENN CASLETON
 DICK LIONAS CAST
 GERALD JOHN COLANGELO
 BARBARA ANN CONANT, Honors
 ROBERT LOUIS CREVISTON
 JERRY WAYNE CRIPE
 JUDITH ANNE DALE
 DOROTHY LEE DOMMERMUTH
 VINCENT DONALD DONILE
 NORMAN RICHARD DUPON
 FRANCIS CARL FELICHO
 ROBERT ALBERT GARBER
 DANIEL CHESTER GEEVER
 ROSEMARY GRACE, Honors
 MICHAEL JEFFREY GREENFIELD
 ARTHUR HANS GRUNDKE
 LEROY BABCOCK GURD
 AURELIO JAZO
 GEORGE DENNIS JURINEK
 MARY FRANCES KENNEY, Honors
 JAMES WILLIAM KOHLER, Honors

JOHN EDGAR LAMBERT
 LOUIS ANDREW LARIO
 RALPH WILLIAM MACKH
 APRIL ELEANOR MARN
 REINHOLD GUSTAV MATTES
 DAVID HENRY MAYHAK
 FRANCES RACHEL MILES
 LOIS ANNE NESTLE, Honors
 RICHARD FLOYD NEWELL
 E. MARIE ORWIG
 ROLAND OLIVER PEARSON
 JOHN WARD PIERSON
 JOHN WAYNE POLZ
 MARILYN RUTH RANK
 JOSEPH CASIMERE RUTGENS
 DONNA LOIS SCHIPPER
 ROY SIMON SCHMEISSING
 EDMOND LEROY SCHMULBACH
 DONALD ARTHUR SCOTT
 BONITA LOENE SNYDERS
 THOMAS CARL SPASOFF
 MARGARET ANN SPREHE, Honors
 JAMES MILLER THOMAS
 STEPHEN KENNETH THOMAS
 ROSLYN ANNETTE VIRGILIO
 JAMES EDWARD WALKER
 MARY ALICE WILLIAMS, Honors
 GERALD ALBERT WOOD

In Recreation

RICHARD LUDWIG BATES
 LORAINNE ANN BUSKER
 DENNIS JOHN DADANT
 ALAN NORTON DAVIDSON
 CAROLINE RUTH FYFE
 CATHERINE BRADLEY GLADIN
 JOYCE L. HANDLER

PATRICIA ANN KERN
 EUGENE MAXWELL KIRBY II
 BONNIE STEMPLER LUNDEEN
 ANNA-MARIE HOLLADAY MATTESON
 ALLEN LOUIS SIGOLOFF
 JOY CHRISTINE VALENTINE

COLLEGE OF VETERINARY MEDICINE

Degree of Bachelor of Science

In Veterinary Medicine

SUE ELLEN ANWAY
 RICHARD FITZHUGH BEVILL, JR.,
 Honors
 JOHN ALLEN BLAKE, Honors
 RONALD WILBER CAMDEN, Honors
 HAROLD HALLAM CLARK
 EDMOND ARBER COCKS
 DANIEL LEE CORNELL

DONALD EDWARD COULTER
 GEORGE GERALD DOERING
 JOSEPH LAWRENCE DORNER
 ROBERT WILLIAM DYCERT
 NORMAN LESTER EARP
 JACK DALE FRANKLIN
 AUSTIN JAMES FURLONG
 CYRIL J. GREENSPAN

HERBERT HARDWICK
 VIRGIL EUGENE HOCKGRAVER
 WILLIAM KENT KERR
 ARTHUR FRANKLIN LIPPOLDT
 WAYNE EDWIN LUTZ
 JERALD MICHAEL MARTELL
 JUDITH ANN MELICH
 RICHARD ELMER MILLER
 WILLIAM JAMES MOYLE
 WILLARD BURTON NELSON, JR.
 ROBERT AARON NIEDERMAN
 CHESTER FRANK PALMER

NEVEN ALEKSANDAR POPOVIC
 JOHN WILLIAM SAGARTZ
 DELMAR WAYNE SCHLEDER
 JAMES DAVID SMALL
 NICHOLAS SZLUHA
 JAMES MILTON TUCKER
 KENNETH LEE WALKER
 BARBARA CECILE WESTPHAL
 LARRY EUGENE WILSON
 JAMES ARTHUR YOUNGREN
 BARRY EUGENE ZONKEL

Degree of Doctor of Veterinary Medicine

ARLO GREGORY BANE, High Honors
 AUGUST RONALD BANKNIEDER
 HAROLD NEIL BECKER
 ROBERT LEE BRAKEVILLE
 WARREN RICHARD BRUNTON, High Honors
 BERNARD FRANK FELDMAN
 JOHN THOMAS FRUIN
 JOHN ALVIN HAMM, Honors
 BRUCE CHARLES HANSEN
 JOSEPH BERNARD HELMS
 ROGER CLINTON HILL
 THOMAS ANTHONY JANIK
 PHILLIP DUNCAN KERZ
 GEORGE JOSEPH KLEIST
 MAYNARD LEE MASSA
 PATRICK CARL MATCHETTE
 ROBERT EUGENE MCKINNEY

JAMES CLINTON MILLER
 LEWIS LLOYD MOHR
 ONLYN RAY MURPHY
 JAMES DAYTON OGDEN
 EDWARD JOSEPH PHELAN
 HERBERT WOLFGANG PREISER
 RONALD GENE ROCKE
 GEORGE ALLEN ROEGGE
 LARRY HUME ROYER
 ROBERT JOHN RUSSELL
 WILLIAM JOHN DEE SMITH
 WILFRED THEODORE SPRINGER
 LAWRENCE ALBERT TURNER
 STEPHANIE ANN UHLAND
 ORVILLE OWEN WESTLAKE
 CURTIS LEE WITT
 KENNETH TERRILL WRIGHT

Degrees Conferred in Chicago

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Anatomy

RICHARD LEIGH HOFFMAN, D.D.S., Northwestern University, 1946; M.S., 1959
 FREDERICK JEFFRESS RAMSAY, B.S., Washington and Lee University, 1958; M.S., 1960
 JEROME GABRIEL STEMPAK, B.S., Roosevelt University, 1958; M.S., 1960

In Biological Chemistry

ALEXANDER EICHHOLZ, A.B., Blackburn College, 1954; M.S., 1960
 LEONARD ALBERT GRAHAM, B.S., Ohio State University, 1950; M.S., 1957
 SAMUEL KOORAJIAN, B.S., M.S., Massachusetts College of Pharmacy, 1955, 1957
 LIONEL NORTON SIMON, B.S., M.S., 1956, 1960

In Chemistry (Pharmaceutical)

ALFRED CLINTON CORE, B.S., West Virginia University, 1950; M.S., 1956
 ALVIN MARX GALINSKY, B.S., M.S., 1954, 1957
 LIBERO ANTHONY GARDELLA, B.S., 1959
 BRUCE DOUGLAS MARTIN, B.S., Union University, 1955; M.S., 1959
 MELVIN HAROLD WEINSWIG, B.S., M.S., Massachusetts College of Pharmacy, 1955, 1957

In Microbiology

LAWRENCE JOSEPH ALFRED, B.S., Xavier University, 1952; M.S., 1959
 MAX JULIAN ROSENBAUM, B.S., University of Wisconsin, 1949; M.S., University of Massachusetts, 1953

In Pharmacology

MOHAMED SAMIR AMER, Bachelor of Pharmacy and Pharmaceutical Chemistry, Alexandria University (Egypt), 1956; M.S., 1960

In Physiology

ARTHUR FRANK GRIMM, B.S., Northwestern University, 1953; B.S., D.D.S., M.S., 1954, 1956, 1956

HERBERT LAURENCE KAYNE, B.S., M.S., 1955, 1958

In Physiology (Clinical Science)

RYUTA SUZUKI, M.D., Keio University (Japan), 1949; M.S., 1959

Degree of Master of Science*In Anatomy*

RUSSELL ROBERT CARLSON, A.B., Earlham College, 1957

WILLIAM CHARLES REDMOND, A.B., Central College, 1959

GORDON LESTER ROSENE, JR., B.S., Northwestern University, 1953

MARLYS ELAINE WEARY, A.B., Valparaiso University, 1960

In Biological Chemistry

GERALD LEE ROWIN, A.B., North Central College, 1959

MARLENE THEA SARNAT, B.S., University of Chicago, 1958

MICHAEL LEWIS SCHNEIR, B.S., 1959

In Chemistry (Pharmaceutical)

ELWINA ANNA BEJNAROWICZ, B.S., Mundelein College, 1958

RICHARD EDWARD HEWITSON, B.S., Rochester Institute of Technology, 1959

DAVID B. KATAGUE, JR., B.S., University of Philippines, 1955

In Histology (Dental)

EUGENE ROBERT GRANDEL, B.S., D.D.S., 1956, 1958

EUGENIO ZERLOTTI, D.D.S., University of Campinas (Brazil), 1959

In Microbiology

MILDA MARY ANKUDAS, B.S., University of Maryland, 1960

ROBERT LEANDER GUSTAFSON, B.S., University of Chicago, 1959

JANINE MARGARET HARMON, B.S., Lewis College, 1961

BARBARA ANN LAZAR, B.S., 1960

HERBERT MITSUGI YAMASHIROYA, A.B., University of Hawaii, 1953

In Oral Pathology

STANLEY JAY GERSON, D.D.S., Northwestern University, 1953

CARLOS GIGOUX, D.D.S., University of Concepcion (Chile), 1957

In Oral Surgery

FRANK EUGENE BARBEE, JR., D.D.S., Howard University, 1956

STANLEY CHARLES KOLODNY, A.B., University of Texas, 1944; D.D.S., Baylor University, 1947

PAUL THEODORE RICHMAN, D.D.S., University of Michigan, 1958

In Orthodontics

KARL GÖRAN FAGERSTROM, D.D.S., University of Helsinki (Finland), 1956

THOMAS MICHAEL HARRIGAN, B.S., D.D.S., 1956, 1958

JACK RICHARD MASON, D.D.S., Northwestern University, 1953

KARL KEN NISHIMURA, A.B., University of Denver, 1953; D.D.S., Loyola University, 1960

JACK PIEKARSKY, B.S., Rutgers University, 1952; D.D.S., University of Pennsylvania, 1959

THOMAS VINCENT POWELL, D.D.S., Loyola University, 1957

WARREN RICHARD WESTERHOFF, A.B., Hope College, 1953; D.D.S., Loyola University, 1957

In Physiology

RONALD ALLAN DEMOVSKY, B.S., M.D., 1957, 1961

ARNOLD RIES ROTTMAN, A.B., 1953

LULA MARILYN WATSON, B.S., Tennessee Agricultural and Industrial State Teachers College, 1950

In Pedodontics

MONTAGUE ALAN YOUNG, B.D.S., Guy's Hospital Medical College (England), 1957

In Pharmacy

FRANKLIN DALE HITER, B.S., Northwestern University, 1948; B.S., 1954

In Surgery

EDWARD ADOLPH DAINKO, B.S., M.D., 1955, 1957

LAWRENCE ALLAN FAGARASON, M.D., Loyola University, 1959

WALTER ROBERT LAWRENCE, B.S., M.D., University of Cincinnati, 1953, 1959

JOHN MASON SOMERNDIKE, B.S., Haverford College, 1953; M.D., Temple University, 1957

COLLEGE OF DENTISTRY

Degree of Bachelor of Science in Dentistry

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ELIOT BECKER

HARRY OLIVER CHANNON, A.B., Knox College, 1958

HERBERT HUGH CHAPMAN

MYRON JULES COHEN, B.S., 1959

WILLIAM JAMES COHEN

DEAN CLARENCE COOPER, B.S., 1959

LEE IRWIN COPELAND

WAYNE JAMES FITZPATRICK

JOSEPH DUANE FRANCIS

MELVIN MICHAEL GLICK, B.S., Roosevelt University, 1959

JOHN EDWARD GRADY, B.S., Elmhurst College, 1953

CHARLES SIDNEY GREENE, B.S., University of Chicago, 1958

JOHN CLAYTON HARBECK

WILLIAM LEROY HYLANDER

ROY ALFONSO JONES, B.S., Howard University, 1959

WILLIAM JACKSON JONES

ROOSEVELT KIMBROUGH

WAYNE EDWARD KMIEC

MICHAEL HARRY KONTOS, A.B., North Central College, 1959

PAUL LANDMAN

MICHAEL LA PORTA

ROBERT ALAN LIPSCHULTZ

HARRY ALOYSIUS LOUIE

JACK ARNOLD MARKS, B.S., 1959

ARTHUR GENE MAZZIER

EDWARD LAWRENCE MICHALEC

ROBERT PATRICK MOFFETT

MICHAEL PETER MONTALEONE

SIDNEY LEWIS OSER

HOWARD HAROLD POLK

MURRY WILLIAM RANDELL

ROBERT CHARLES REUSS

JOHN LEROY REYHER

LARRY LEE RICHARDS

EMIL LEROY RIGG

NORMAN DAVID ROTBLAT

RONALD RUBENSTEIN, B.S., 1959

VICTORIA BIRUTE DIMGAILA SAKALAS

EDWARD FRANK SARSHA

STERLING SCALES

RICHARD FRANK SCHMITZ, B.S., 1955

ROY ALAN SELLOW, Honors

MARVIN JOSEPH SOMMERFELD

PAUL HARVEY STINES

JERRY LEROY STONEKING, High Honors

PAUL JOSEPH SWADE

JOHN TAKESHI TAKEKOSHI, A.B., La Sierra College, 1958

RICHARD CASEY TALBOT, B.S., Purdue University, 1955

CASIMIR GEORGE THOMAS, JR.

DALE JOSEPH VERCELLOTTI, A.B., North Central College, 1958; Honors

KENNETH LEE WINTER

Degree of Doctor of Dental Surgery

Conferred September 9, 1961

BARRY CLIFFORD GORDON, B.S., 1959

GEORGE NORMAN SMITH

RAYMOND ARTHUR SKONY, B.S., 1959

Conferred June 8, 1962

ROBERT HOWARD ALLISON, B.S., 1958

MARSHALL BORIS BERGER, B.S., 1958

DERWOOD EUGENE BAMMANN, B.S., Ed.M., 1951, 1955

RAYMOND THOMAS BIELAWA

MAX LEE BOTTRELL, B.S., 1960

- EUGENE THOMAS BUCINA, B.S., 1960
 GARY FRANCIS BUSCH
 FRANK ROBERT CHAN
 STEPHEN JEROME COLE, B.S., 1960
 JOHN FRANCIS DALTON, B.S., 1960
 SYDNEY ROBERT DEMOVSKY
 THOMAS DANIEL DOWNEY, A.B., St. Ambrose College, 1953; B.S., 1960
 JOHN LARSON ELLIOTT, A.B., B.S., 1955, 1960
 ROBERT JOSEPH FICEK
 GEORGE OLIVER FOSTER, B.S., 1960
 ROBERT ZANE FOX, B.S., B.S., 1957, 1960
 EMMERSON DALE FRANSEN
 JEREMY SAUL GOLDBERG, B.S., 1960
 JOEL STUART GOLDBERG, B.S., 1960
 ARNOLD WARREN GORCHOW, B.S., 1960
 MARSHALL BARTON GRUNWALD, B.S., 1960; High Honors
 JAMES HAJIME HAMADA
 BRUCE MORGAN HEFLIN, B.S., 1960
 RICHARD DONALD HESS, A.B., Knox College, 1958; B.S., 1960
 RAY ERVIN HOLLOWAY, B.S., 1960
 DAVID GERARD IMM, B.S., 1960
 EDWIN THOMAS JACH, B.S., 1954, 1960; M.S., 1958
 EDWARD JOEL JOHN, B.S., 1960
 JEROME FREDERICK KATZ
 ROOSEVELT KIMBROUGH, B.S., 1961
 KENNETH WAYNE KUEHN, B.S., 1960
 DONALD WAYNE LAUTENBACH, B.S., 1960
 LAWRENCE MARK LEVINE, A.B., 1958
 JAY LOYD LUHTALA
 EUGENE ERNEST MATESI
 FRED AKIRA MATSUMOTO, B.S., 1960
 JAMES EDMUND MCCORMICK, A.B., St. Benedict's College, 1957
 JAMES DOUGLAS MILLER
 ROBERT JOSEPH MILLER, B.S., Bradley University, 1958
 MICHAEL PETER MONTALEONE, B.S., 1961
 JOSEPH MORGAN, B.S., 1960
 DANIEL MOW, B.S., 1960
 MAX DONALD NEWSOME
 DALE CHARLES NICKELSEN, B.S., 1960
 RONALD EARL OLDFIELD, B.S., Elmhurst College, 1958
 WALTER EDWARD OLSON, A.B., Illinois Wesleyan University, 1955
 FRED MACNAIR PACEY
 ZIGMUND COLEMAN PORTER, B.S., 1960
 LOUIS EDWARD RAPP, B.S., 1960
 JAMES RICHARD REHAK, B.S., 1960; Honors
 ARTHUR LEO REYNOLDS
 MAURICE JAMES RITTER
 VICTORIA BIRUTE DIMGAILA SAKALAS, B.S., 1961
 ROBERT PETER SCAPINO, B.S., 1959
 ROBERT RAY SCHMISSEUR, B.S., 1960
 DAVID HOWARD SHARP, B.S., 1960
 HAROLD MARK SHAVELL, B.S., 1957
 GEORGE PATRICK SHEVLIN
 JACK SIOUKAS, B.S., 1960
 HANS SIXTEN SJOREN, B.S., Roosevelt University, 1958
 FRANK ANDREW SOKOL
 LEONARD JOHN SPENCER
 JOHN ALBERT SPICKERMAN, B.S., Lawrence College, 1958
 STANLEY EUGENE SYDLOWSKI
 SEIKICHI TABA, A.B., University of Hawaii, 1958
 BURTON SAUL TUREK, B.S., 1960
 ERNEST JOSEPH VISCO, B.S., 1960
 JOSEPH GEORGE WALDECK, B.S., 1960
 MASAO WATANABE
 RAY EDWIN WHEATON, B.S., 1960
 LESNEY AUTLEE WILLIAMS
 FREDERICK JOHN WITTBER
 BERNARD ASHBEL YOCKE, B.S., 1960
 CHESTER NORBERT ZEMBROSKI, B.S., University of Maryland, 1952; M.S., University of Kentucky, 1954

COLLEGE OF MEDICINE

Degree of Bachelor of Science in Medicine

Conferred June 9, 1961

JAMES ESTEL TURNS, M.D., 1955

Degree of Bachelor of Science in Occupational Therapy

Conferred June 8, 1962

JUDITH ANN ROBERTS ARORA
 LINDA ELEANOR BEZDEK
 ARLENE BEATRICE BURK
 ADRIENNE CENTURY
 RUTH ANN HALLIGAN

LYNN LOUISE KUEHN
 GEORGIA MAY LURIE
 HELEN PAN
 JUDITH ANN ZITZLER

Degree of Doctor of Medicine

Conferred September 9, 1961

DANIEL JOHN SCHAAF, B.S., 1959

NOEL KEITH VOLBERDING, B.S., 1957

Conferred June 8, 1962

LOUIS ADLER
 STANLEY PAUL ALFORD

HUBERT JOSEPH ALPERT
 ARTHUR THEODORE ALTMAN

- LEON ASADOUR ASADOURIAN, A.B.,
 Washington University, 1958
 ALISON JANET ASH, Ph.B., Northwest-
 ern University, 1953
 RUSSELL WILLIAM BAKSIC, B.S., Loyola
 University, 1958
 GEORGE CHARLES BAUMGARTNER
 GARY DOUGLAS BECKER
 STEVE B. BENAK, JR., B.S., 1958
 RANDALL GENE BENSON
 ARNOLD MELVIN BERMAN
 GERALD BERNSTEIN
 JOHN ARTHUR BERTSCHE, A.B., Bethel
 College, 1958
 LEROY RICHARD BESIC
 WAYNE MARSTON BOWDEN, A.B.,
 Greenville College, 1958
 DERALD ELMER BRACKMANN
 STEWART MARK BRAMOWITZ
 NOEL SHERWIN BROWDY
 ROBERT STANLEY BROWN
 RAYMOND GEORGE BURNETT, A.B.,
 Northwestern University, 1958
 LLOYD CALLAWAY, JR., B.S., 1959
 RICHARD ALLEN CERCLE, B.S., 1958
 JEROME ALLEN CHATOW
 MIRIAM LYDIA CHRIST
 ROBERT EMMETT CLEARY
 IVAN SPAULDING CLIFF, JR., A.B.,
 Washington University, 1958
 MAY MURPHY CLIFF
 SANDRA ANNETTE CLUTTS
 DONALD LEE COLEMAN, B.S., St. Louis
 University, 1958
 BENNETT JAY CREMER, B.S., 1955
 THOMAS BENJAMIN CZERNER, A.B., 1959
 JAMES ENGLAND DAVIA, Honors
 MICHAEL JOSEPH DAVIS
 JOSEPH LEE DAW, B.S., 1959
 WILLIAM JAMES DAWSON, B.S., Elm-
 hurst College, 1958
 JOSEPH HERMAN DECKER
 JOHN GEORGE DEMAKIS
 KARL TERRENCE DETERDING, A.B.,
 Blackburn College, 1958
 DUANE LAIRD DOWELL, A.B., DePauw
 University, 1958
 CHARLES FRED EDDINGFIELD
 GERALD ERENBERG
 HARVEY JAY FAGELSON
 JACK D. FATHEREE
 DON ARTHUR FISCHER, B.S., 1957
 ALAN DEAN FLYNN, B.S., 1959
 CHARLES RICHARD FRANZ
 MONTE WILLIAM FULLERTON
 BENJAMIN GARBER, A.B., Bradley Uni-
 versity, 1959
 ROGER LEE GASS
 AUSTIN JOSEPH GIBBONS, JR.
 ELLIOT GEORGE GOLDIN, B.S., Roosevelt
 University, 1959
 ROBERT EUGENE GORSICH
 BURTON HOWARD GREENBERG, B.S.,
 Illinois Institute of Technology,
 1956; Honors
 MERRILL HERBERT GREENBERGER, B.S.,
 1960
 JAMES THOMAS GROSSHANS
 JAMES GROSSMAN
 BURTON BENJAMIN HAMRELL
 RICHARD IRA HERRON
 CHARLES SIDNEY HIRSCH, B.S., 1958
 MICHAEL HOIT
 CHARLES JOSEPH HORKY, A.B., Grinnell
 College, 1958
 KENNETH ROGER HOVLAND, B.S., 1958
 ERVIN GEORGE HRASKY, JR., B.S., St.
 Louis University, 1958
 DELBERT GENE HUELSKOETTER, B.S.,
 Illinois State Normal University,
 1952
 DONALD VERNON HUMMEL
 GLORIA JOHNSON JACKSON, B.S., Xavier
 University, 1958
 GERALD JOHN JANKOWSKI
 ROBERT LEROY JOHNSON
 RODGER LEE JOHNSON, B.S., Wheaton
 College, 1958; High Honors
 COURTNEY PHILIP JONES, B.S., Roose-
 velt University, 1958
 MARVIN VICTOR HYMEN KANTER
 GERALD KAPLAN, B.S., 1958
 ELLIOTT SHERMAN KATZ
 RICHARD VITKIN KAUFMAN
 ANDREW HENRY KILGUS, B.S., Bradley
 University, 1959
 LEONARD ANTHONY KLAFTA, JR.
 HAROLD LEO KLAWANS, JR.
 JON WILLIAM KLUGE, B.S., 1958
 DONALD FRANK KOCH, B.S., Northern
 Illinois University, 1958
 JOEL DAVID KOPPLE
 IRENE CECILIA KOSUTH, B.S., Loyola
 University, 1958
 DANIEL PAUL KRAKORA, Honors
 JOHN DOUGLAS LAMOT, B.S., 1958
 GEORGE DENNIS LATHROP
 JAMES RANDAL LEACH
 ROBERT DILLON LEASURE
 ALFRED JOSEPH LESCHER, B.S., North-
 western University, 1951; B.S.,
 1958
 WILLIAM HARRIS LEVY, B.S., Roosevelt
 University, 1960
 MORTON STARR LIGHT, Honors
 ALLEN IRA LIPSEY, A.B., 1958
 JACK ALBRIGHT LIVERMORE
 WARREN LESLIE LOWRY, B.S., Eastern
 Illinois University, 1958
 HOWARD SAUL LUBAR
 ANN ELIZABETH MATHIS, B.S., 1958
 THOMAS STRUEVER McCONNELL, B.S.,
 University of Wyoming, 1957
 THOMAS WILLIAM McNEILL, A.B.,
 Brown University, 1958
 GORDON DEAN MESSMORE
 ROBERT MORRIS MEYEROVITZ, B.S., 1958
 PAUL HENRY MILLER
 HOWARD JAY MINDELL
 LEON MINKOFF
 CLINTON YOUNG MONTGOMERY
 DAVID DUFFY MORAN
 GORDON DAVID MURLEY

- MICHAEL ELIJAH MURRAY, A.B., 1959
 BERNARD IRWIN NEWMAN, B.S., Roosevelt University, 1958
 JOSEPH CHARLES NOVAK
 SAMUEL WENDELL OBETZ, B.S., M.S., Northwestern University, 1951, 1952; M.S., University of Chicago, 1954
 LOUIS STEPHEN OZOG
 DONALD GLENN PARKHURST
 JOHN DURWOOD PAROD, A.B., Cornell College, 1958
 DANIEL LEE PARR, B.S., Bradley University, 1958
 ROGER DAVID PATERSON, A.B., Bob Jones University, 1953
 RICHARD GALE PATTERSON, A.B., Southern Illinois University, 1958
 RUSSELL BERTRAM PEACOCK, A.B., Southern Illinois University, 1957
 CLIFFORD RICHARD PEDDICORD, B.S., 1958
 DEAN GRANT PETERSON
 ROBERT A. PFLEDERER
 PHILIP EDWARD PIER
 WILLIAM BARSLEY PIKE
 CATHERINE JOSEPHINE PROBST, B.S., Loyola University, 1952
 ROBERT EUGENE RAFFERTY
 DONALD EDWARD RAGER, B.S., Bradley University, 1960
 EDWARD MAURICE REGAL, A.B., Western Reserve University, 1958
 JACKIE RAY REXROAD, B.S., 1957; Honors
 PAUL CYRIL ROBBINS
 HOWARD JEROME ROSENBLATE, A.B., Northwestern University, 1958
 FRANK AUGUST RUBINO, A.B., Bradley University, 1955
 BERNARD EDWIN RUDER, A.B., 1959
 JAMES GHLEE RUSSELL
 DONALD WAYNE RYAN
 MARK NEAL SABERMAN
 ALFRED WILLIAM SCHAFER, B.S., 1956
 CARL SETFORD SCHLAGETER, B.S., 1958
 ARTHUR RICHARD SCHRAMM
 CHARLES FAIRMAN SCHROEDER
 JOHN RICHARD SHEPHERD, A.B., Southern Illinois University, 1958
 HERBERT JACK SHULMAN
 BERNARD SEGEL
 JOSEPH ARNOLD SIEGEL, Honors
 GEORGE STEWART SILVEST
 ROBERT BRUCE SKOR
 PHILIP PALMER SMITH, B.S., 1958
 SIDNEY RONALD SOGOLOW
 WILLIAM GEORGE SOMMER, B.S., 1958
 GEORGE MANN SPARKS
 JACK STEINBERG, B.S., City College of New York, 1950
 LAURAINE STEWART, A.B., Clark University, 1954; M.S., University of Kentucky, 1958
 EDWIN RALPH STONE, B.S., 1952
 MYRON LEE STONE, B.S., 1958
 WILLIAM GENE STONE, B.S., M.S., 1952, 1954
 MICHAEL SEYMOUR TAEKMAN
 THOMAS BRUCE THEW
 DAVID ALAN TILLEMA, B.S., 1958
 DONALD WILLIAM VANGOR, B.S., 1958
 JOSEPH WILLIAM VOGG, A.B., 1959
 LAWRENCE KEYES WACASER, A.B., 1959
 GERALD NEWELL WACHS, B.S., 1958
 PARK WAYNE WAGERS, B.S., University of Kansas, 1954; M.S., 1959
 WILFRED EUGENE WATKINS
 SHERWYN JORDAN WAYNE
 GEORGE EDWARD WEBB, JR., Honors
 WALTER SVEN WIGERT, A.B., 1958
 DONALD HERBERT WILLIAMS, B.S., 1957
 JACK SHERWIN WINBERG, B.S., M.S., 1955, 1960
 WILLIAM KONRAD WITTNER
 LEE ALLEN WOOLF
 VINCENT PETER ZARCONE, JR.
 RICHARD MICHAEL ZELAZNY, A.B., 1957
 ONA EUGENIJA MICKEVICIUS ZUKAUSKAS, B.S., Mundelein College, 1958

COLLEGE OF NURSING

Degree of Bachelor of Science in Nursing

Conferred September 9, 1961

DIXIE ANN KELLY

Conferred December 16, 1961

IRENE FLORENCE HARRIS, Honors
 MARYALICE STANLEY

JANET LUCILLE MAJORS STRAIN
 RELLA ANN TREPTON, Honors

Conferred March 16, 1962

DOROTHY JANE MENNECKE
 MARILYN JOANNE PETERSON, Honors

DONNA RAE SELL

Conferred June 8, 1962

MYRNA ADAMS
 BONNIE LEE BRAUER

HELOISE MARIE COLES
 KAREN JANE FORBES

RITA ANNE HORD
 SYLVIA ARLENE HURWICH
 FELICE CLAIRE KOLOMS
 CLARA MANTA
 BARBARA JEAN McLAURIN
 DOROTHY JOANNE OSTEMA

JANICE SUE OVERBEY
 ISABELLE FRANCES RASPLICA
 MARCIE MAE RICHMOND
 BARBARA RUTH ROSTHOLDER, Honors
 HELIA ZIMBEROFF SCHRAMM
 INEZ DARYL WEINBERG

COLLEGE OF PHARMACY

Degree of Bachelor of Science in Pharmacy

Conferred September 9, 1961

RUTHMARIE TERESE AMBROSIA
 DONALD RAY BAUGHER
 ALICE MERLE CARLSON
 PATRICK EDWARD DUHIG
 MURRAY DAVID GORDON

LARRY LLOYD GERNON KELLY
 EDWARD JOSEPH KOLBERG
 ROBERT ALAN NELSEN
 GUY ZACHARY PAPA

Conferred June 8, 1962

JEFFREY MARTIN ADLER
 LIBERATORE ANTHONY ALLOCCO
 ARLENE MARY AZUKAS
 DANIEL WALTER BEDNARZ
 LAWRENCE EARL BELGRADE
 DENNIS SIMSON BERMAN
 ELLIOTT LEE BERNSTEIN
 HERBERT CARL BERRY
 LIA BERZINS
 LEE THOMAS BOND, JR.
 BARBARA JEAN BORGARDT
 ROBERT JOSEPH BROWN
 JULIUS BULYOVSKY
 EDWARD WILDER BURKE
 RAYMOND WALTER CIZOWSKI
 BETTY JEAN COPE
 JOSEPH HENRY DEFFENBAUGH, JR.
 JOSEPH MICHAEL DILLMANN
 ANGELA DIRKIS
 ABRAHAM PHILLIP DOREVITCH
 MORTON HERBERT EINSTEIN
 STEVEN FEINERMAN
 FRED FISHMAN
 JOSEPH LAWRENCE FLOOD
 IRA SHERMAN GOLD
 SIMPSON NATHAN GOLD
 HARRY E. GOODMAN, A.B., University
 of Chicago, 1950
 HERBERT LAWRENCE GOSLIN, Honors
 MARGARITA JURATE GOSLIN
 STUART MARTIN GRAUER
 ARTHUR JAY GREENBERG
 SHERWIN JERRY GREENBERG
 ROBERT PAUL GRELAK
 ERICH HEINRICH HAMANN
 JAMES ELMER HAMPSON
 FRED MARTIN HERSHENSON, Honors
 FRANCES JEANNE HILLIKER
 MARCUS WOLFE HOLLERBERG
 STUART MYRON HORN
 ERVIN IMREM
 STEVEN ISRAELITE
 NORMAN KOPAL JACOBSON
 JOSEPH ALFONSO JAMES

DARRYL EDWARD JELINEK
 SVEN ROBERT JOHNSON
 DALE EARL KANAK
 HARRY GEORGE KAPPOS
 KEITH DUANE KARNSTEDT
 ALVIN BERNARD KAY
 RONALD DENNIS KIELAR
 JEAN EDWARD KLAUITTER
 KENNETH ALFRED KOCH
 NORMAN ALLAN KOCOUREK
 JOSEPH ROBERT KONZIER
 DAVID JOSEPH KOSZUT
 ROBERT RICHARD KOVERA
 MATTHEW JOSEPH KUTZA
 ROBERT MICHAEL LAKIN
 IRWIN MICHAEL LEVINSON
 JOHN HENRY LEWIS
 ROBERT LEONARD LoDESTRO
 KAAREN ANN LUDTKA
 ALBERT JOSEPH MADURA
 JAMES PATRICK McALLISTER
 EARL MICHAEL McLAUGHLIN
 LARRY CARROLL MEYER
 JEROME DAVID MIDANEK
 ROBERT GEORGE MRTEK, High Honors
 FRANK EDWARD NALE
 THEODORE JOHN NOVAK
 ROBERT EARL PEARSON
 LEONARD JOHN PERDENZA
 GERALD SAUNDERS PERLMAN
 JERRY EDWARD POSPISIL
 HELENE FRANCES PSCHORR
 RONALD JOSEPH PYTEL
 WILLIAM EDWARD ROECKER
 JERRY SHELTON SCHAIN
 ALLAN JON SCHECK
 JEAN MARIE SCHINDEL
 OWEN ROBERT SHAFFNER
 SANDRA LEE SHAFFNER
 ARNOLD HOWARD SHIFRIN
 GERALD HARRY SHRADER
 EDWARD FRANK SKORCZEWSKI, JR.
 VALDA INGRID SLIEDE

MARLENE FRANCES SMITH
 WALTER F. STANASZEK
 ROBERT GEORGE STANCIK
 JAMES PETER SWIDER
 EDWARD H. THUN
 GIRARD DELAMOREAUX TOUSSAINT,
 Honors
 GARY FRANK VELAT, High Honors
 WILLIAM HENRY VOSS

JOHN ELVIN WAKEY
 STEVEN WASILKOFF
 ALEXANDER MARTIN WERNICKE,
 Honors
 THADDEUS WALTER WESOLOWSKI
 JOHN JOSEPH WESZELY
 JOHN JOSEPH WIELAND
 KATHLEEN ANN YOUNG
 EDWIN ANTHONY ZARAZA

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations, declinations, and cancellation; (4) leaves of absence; (5) cancellation of sabbatical leave of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

- ABBASI, ABDUL S., Research Assistant in Medicine (Medicine), one year from July 1, 1962, \$4,900 (5-9-62).
- ABU-SALIH, MOHAMMED S., Assistant in Mathematics, Summer Session of 1962, June 18-August 11, 1962, \$889 for the period (5-14-62).
- ADAMS, JACK A., Professor of Psychology and Laboratory Director, two months from June 16, 1962, \$2,355.56; this is in addition to his present appointment (5-31-62).
- ALBERS, HENRY, Associate Professor of Astronomy, two months from June 25, 1962, \$3,050 (5-9-62).
- ALLEN, JAMES S., Professor of Physics (C), September 1-15, 1962, \$1,488.89 a month; this is addition to his present appointment (5-31-62).
- ALLENDER, JEROME S., Research Associate in Medical Education (Medicine), June 16, 1962-August 31, 1963, \$9,500 a year (5-14-62).
- ALMY, GERALD M., Professor of Physics and Associate Head of the Department (C), June 16-July 31, 1962, and September 1-15, 1962, \$2,222.22 a month; this is in addition to his present appointment (5-31-62).
- ALTSTETTER, CARL J., Assistant Professor of Physical Metallurgy (C), two months from June 16, 1962, \$866.67 a month; this is in addition to his present appointment (5-31-62).
- AMER, M. SAMIR, Research Associate in Pharmacology (Medicine), April 15-August 31, 1962, \$500 a month (5-25-62).
- AMON, ALBERT H., Research Associate in the Digital Computer Laboratory, two months from June 16, 1962, \$722.22 a month (5-9-62).
- ANAND, SATISH CHANDRA, Research Associate in Agronomy, two months from July 1, 1962, \$541.67 a month (5-14-62).
- APPLEQUIST, DOUGLAS E., Research Associate Professor of Chemistry, two months from June 16, 1962, \$2,023; this is in addition to his present appointment (5-14-62).
- ASCOLI, GIULIO, Professor of Physics (C), June 16-July 31, 1962, and September 1-15, 1962, \$1,111.11 a month; this is in addition to his present appointment (5-31-62).
- ATKIN, J. MYRON, Professor of Education, June 18-August 24, 1962, \$3,057; this is in addition to his present appointment (5-9-62).
- ATWOOD, KIMBALL C., Professor of Microbiology, two months from June 16, 1962, \$4,133.32; this is in addition to his present appointment (5-9-62).
- BACON, DAVID J., Research Assistant in Metallurgy (C), two months from July 1, 1962, \$488.88 a month (5-14-62).
- BAERWALD, JOHN E., Professor of Traffic Engineering and Director of Highway Traffic Safety Center (Civil Engineering) (C), two months from June 16, 1962, \$2,222.22; this is in addition to his present appointment (5-14-62).
- BAIR, WILLARD E., Associate Professor of Mechanical Engineering (C), two months from June 16, 1962, \$2,088.88; this is in addition to his present appointment (6-4-62).

- BALLUFFI, ROBERT W., Professor of Physics and of Metallurgy, Department of Physics (C), two months from June 16, 1962, \$1,222.22 a month; this is in addition to his present appointment (5-31-62).
- BARTLE, ROBERT G., Associate Professor of Mathematics, two months from June 16, 1962, \$2,334; this is in addition to his present appointment (5-31-62).
- BATEMAN, PAUL T., Professor of Mathematics, June 16-August 31, 1962, \$4,056; this is in addition to his present appointment (5-31-62).
- BATES, ROBERT B., Assistant Professor of Chemistry, two months from June 16, 1962, \$1,623; this is in addition to his present appointment (6-5-62).
- BECK, PAUL A., Professor of Physical Metallurgy (C), two months from June 16, 1962, \$1,722.22 a month; this is in addition to his present appointment (5-31-62).
- BERINGER, WALTER, Research Associate in History, nine months from September 16, 1962, \$4,800 (6-4-62).
- BIANCHINI, ALBERT C., Associate Professor of Theoretical and Applied Mechanics (C), $\frac{1}{3}$ time, two months from June 16, 1962, \$303.70 a month; this is in addition to his present appointment, and to his Summer Session appointment on $\frac{2}{3}$ time (6-5-62).
- BIEGLER, THOMAS, Research Associate in Chemistry, September 20, 1962-August 31, 1963, \$6,000 a year (5-14-62).
- BIGGS, JOHN H., Assistant in Mathematics, Summer Session of 1962, June 18-August 11, 1962, \$889 (5-14-62).
- BIRNBAUM, HOWARD K., Associate Professor of Physical Metallurgy (C), two months from June 16, 1962, \$1,000 a month; this is in addition to his present appointment (5-31-62).
- BISHOP, RICHARD L., Assistant Professor of Mathematics, $\frac{1}{2}$ time, two months from June 16, 1962, \$822.22; this is in addition to his present appointment, and to his Summer Session appointment on $\frac{1}{2}$ time (5-14-62).
- BLYTH, COLIN, Research Professor of Mathematics, June 16-August 31, 1962, \$3,472; this is in addition to his present appointment (5-31-62).
- BOLLMAN, DOROTHY, Assistant in Mathematics, Summer Session of 1962, June 18-August 11, 1962, \$889 (5-14-62).
- BONNEY, WARREN C., Visiting Lecturer in Education, June 18-August 25, 1962, \$2,640 (5-9-62).
- BORESI, ARTHUR P., Professor of Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, two months from June 16, 1962, \$611.11 a month; this is in addition to his present appointment (6-4-62).
- BOROSAGE, LAWRENCE, Visiting Lecturer in Education, Summer Session of 1962, July 16-August 11, 1962, \$1,200 (5-9-62).
- BOURGIN, DAVID G., Professor of Mathematics, June 16-August 31, 1962, \$4,472; this is in addition to his present appointment (5-31-62).
- BOWDEN, PIERS B., Research Associate in Physics (C), one year from September 1, 1962, \$7,500 (6-4-62).
- BRILEY, BRUCE E., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1962, \$1,000 (5-9-62).
- BROWN, FREDERICK C., Professor of Physics (C), two months from June 16, 1962, \$1,283.33 a month; this is in addition to his present appointment (5-31-62).
- BROWN, ROBERT C., Assistant in the Institute of Aviation, June 16-August 31, 1962, \$525 a month (5-31-62).
- BROWN, THEODORE L., Research Associate Professor of Chemistry, two months from June 16, 1962, \$1,867; this is in addition to his present appointment (5-9-62).
- BRUCKNER, WALTER H., Professor of Metallurgical Engineering and of Civil Engineering (C), two months from June 16, 1962, \$1,166.66 a month; this is in addition to his present appointment (5-31-62).
- BURKHOLDER, DONALD L., Associate Professor of Mathematics, two months from June 16, 1962, \$2,178; this is in addition to his present appointment (5-31-62).
- BURNSIDE, THOMAS E., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1962, \$933.32 (5-9-62).
- CAIN, JOHN R., Research Associate in the Central Office on the Use of Space (Provost's Office), two months from June 16, 1962, \$1,333; this is in addition to his present appointment (5-31-62).
- CAIRNS, STEWARD S., Professor of Mathematics, June 16-August 31, 1962, \$4,472; this is in addition to his present appointment (5-31-62).

- CALCOTE, LEE R., Lecturer in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year beginning September 1, 1962, \$2,800 (5-14-62).
- CAMPBELL, L. LEON, Professor of Microbiology, two months from June 16, 1962, \$1,722.22 a month; this is in addition to his present appointment (5-9-62).
- CARLSON, WILLIAM A., Visiting Lecturer in Education, June 18-August 11, 1962, \$900 (5-14-62).
- CARNES, WALTER R., Lecturer in Theoretical and Applied Mechanics (C), $\frac{1}{4}$ time, academic year beginning September 1, 1962, \$1,800 (5-14-62).
- CAROZZI, ALBERT V., Research Professor of Geology, two months from June 16, 1962, \$2,734; this is in addition to his present appointment (6-5-62).
- CASE, MARVIN T., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), three months from June 1, 1962, \$650 a month (5-31-62).
- CHADWICK, LEIGH E., Professor of Entomology, two months from June 16, 1962, \$3,577.76; this is in addition to his present appointment (5-31-62).
- CHAO, BEI TSE, Professor of Mechanical Engineering (C), two months from June 16, 1962, \$3,044.44; this is in addition to his present appointment (6-4-62).
- CLARK, MRS. ARDATH M., Assistant in English, Summer Session of 1962, June 18-August 11, 1962, \$889 (5-24-62).
- CLARK, JOHN M., JR., Research Assistant Professor of Chemistry, two months from July 1, 1962, \$1,645; this is in addition to his present appointment (5-9-62).
- CLARK, MARLYN E., Professor of Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, two months from June 16, 1962, \$555.55 a month; this is in addition to his present appointment, and to his Summer Session appointment on $\frac{1}{2}$ time (6-4-62).
- CLAUSEN, EDWARD M., Research Assistant in Ceramic Engineering (S), June 16-August 15, 1962, $\frac{3}{4}$ time, \$660, and from August 16-31, 1962, full time, \$220 (5-31-62).
- COMPTON, W. DALE, Associate Professor of Physics (C), two months from June 16, 1962, \$1,111.11 a month; this is in addition to his present appointment (5-31-62).
- CONRON, MICHAEL A., Assistant in the Institute of Aviation, two months from June 16, 1962, \$450 a month (5-31-62).
- CRAIG, JAMES M., JR., Assistant in the Institute of Aviation, two months from June 16, 1962, \$450 a month (5-31-62).
- CROSS, JOHN S., Assistant in Mathematics, Summer Session of 1962, June 18-August 11, 1962, \$889 (5-14-62).
- DALTON, YVONNE Y., Assistant in English, Summer Session of 1962, June 18-August 11, 1962, \$889 (5-24-62).
- DAMRIN, DORA E., Associate Professor of Education on $\frac{1}{4}$ time, indefinite tenure, and Assistant Director of the University Honors Programs on $\frac{4}{5}$ time, one year from September 1, 1961, \$10,300 a year, supersedes (5-24-62).
- DANNER, ELLIS, Professor of Highway Engineering (Civil Engineering) (C and S), $\frac{2}{3}$ time, June 16-August 31, 1962, \$840 a month, and full time, September 1-15, 1962, \$777.78; this is in addition to his present appointment (5-14-62).
- DAY, MAHLON M., Professor of Mathematics, two months from June 16, 1962, \$3,689; this is in addition to his present appointment (5-31-62).
- DAYAGI, SHLOMO, Research Associate in Chemistry, one year from September 1, 1962, \$5,850 (5-14-62).
- DEMARQUE, PIERRE, Assistant Professor of Astronomy, one month from June 16, 1962, \$883.33; this is in addition to his present appointment (5-31-62).
- DEMUTH, NELSON S., JR., Research Assistant in Nuclear Engineering (C), two months from June 16, 1962, \$466.67 a month (5-31-62).
- DESCLOUX, JEAN, Research Associate in the Digital Computer Laboratory, two months from June 16, 1962, \$722.22 a month (5-9-62).
- DICKERSON, RICHARD E., Research Assistant Professor of Chemistry, three months from June 16, 1962, \$2,467; this is in addition to his present appointment (5-14-62).
- DICKMAN, KERN W., Research Associate in the Digital Computer Laboratory, $\frac{1}{4}$ time, two months from June 16, 1962, \$208.33 a month; this is in addition to his present appointment, and to his Summer Session appointment on $\frac{3}{4}$ time (5-9-62).

- DIEKHANS, HERBERT H., Assistant in Mathematics, Summer Session of 1962, June 18-August 11, 1962, \$889 (5-14-62).
- DOBROVOLNY, JERRY S., Professor of General Engineering and Head of the Department (C), two months from June 16, 1962, \$2,666.66; this is in addition to his present appointment (5-14-62).
- DRAGO, RUSSELL S., Research Assistant Professor of Chemistry, two months from June 16, 1962, \$1,800; this is in addition to his present appointment (5-31-62).
- DRAKE, JOHN, Assistant Professor of Microbiology, two months from June 16, 1962, \$961.11 a month; this is in addition to his present appointment (5-9-62).
- DRICKAMER, HARRY G., Research Professor of Chemical Engineering (College of Liberal Arts and Sciences and College of Engineering), two months from June 16, 1962, \$4,223; this is in addition to his present appointment (5-31-62).
- ELASSAL, ATEF, Research Assistant in Civil Engineering (S), June 16-August 31, 1962, \$486.67 a month (5-14-62).
- ELSSESSER, THADDEUS M., Associate Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1962, \$911.11 a month; this is in addition to his present appointment (5-14-62).
- ENGELBRECHT, RICHARD S., Professor of Sanitary Engineering (Civil Engineering) (S), $\frac{1}{2}$ time, two months from June 16, 1962, \$638.89 a month; this is in addition to his present appointment, and to his Summer Session appointment on $\frac{1}{2}$ time (5-14-62).
- EWING, BEN B., Professor of Sanitary Engineering (Civil Engineering) (S), $\frac{1}{2}$ time, two months from June 16, 1962, \$555.56 a month; this is in addition to his present appointment, and to his Summer Session appointment on $\frac{1}{2}$ time (5-14-62).
- FAIMAN, MICHAEL, Research Assistant in the Digital Computer Laboratory, one month from June 16, 1962, \$577.77 (5-9-62).
- FEILER, ERNEST M., Clinical Instructor in Surgery (Medicine), eight months from January 1, 1962, without salary, supersedes (5-9-62).
- FLENNER, MRS. JACQUELINE W., Research Assistant in the Digital Computer Laboratory, three months from June 16, 1962, \$466.66 a month (5-14-62).
- FLENNER, ROSS H., Research Assistant in the Digital Computer Laboratory, July 30-September 15, 1962, \$488.88 a month (5-14-62).
- FLYGARE, WILLIS H., Research Associate in Chemistry, two months from June 16, 1962, \$1,400; this is in addition to his present appointment (5-14-62).
- FOSBICK, LLOYD D., Research Associate Professor of Physics, in the Digital Computer Laboratory, one month from June 16, 1962, \$1,144.44; this is in addition to his present appointment (5-9-62).
- FRAENKEL, GOTTFRIED S., Professor of Entomology, two months from June 16, 1962, \$1,466.66 a month; this is in addition to his present appointment (5-9-62).
- FRAZER, W. DONALD, Research Assistant in the Digital Computer Laboratory, two months from June 16, 1962, \$511.11 a month (5-9-62).
- FREEDMAN, MORRIS D., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1962, \$466.66 a month (5-9-62).
- FRIEDBERG, ARTHUR L., Professor of Ceramic Engineering (S), two months from June 16, 1962, \$2,800; this is in addition to his present appointment (5-31-62).
- FRIEDES, JOSEPH, Research Assistant in Physics (C), two months from July 1, 1962, \$600 a month, supersedes (5-14-62).
- FUCHI, KAZUHIRO, Research Assistant in the Digital Computer Laboratory, two months from June 16, 1962, \$444.44 a month (5-9-62).
- GALLAGHER, JAMES J., Professor of Education, in the Institute for Research on Exceptional Children, June 18-August 11, 1962, \$2,400; this is in addition to his present appointment (5-9-62).
- GARCIA-MOLINER, FEDERICO, Visiting Associate Professor of Physics (C), two months from June 16, 1962, \$1,000 a month; this is in addition to his present appointment (5-31-62).
- GARDELLA, LIBERO A., Assistant in Chemistry (Pharmacy), Summer Session of 1962, July 30-September 8, 1962, \$667 (5-9-62).
- GAZDA, GEORGE M., Research Assistant Professor of Education, June 18-August 11, 1962, \$1,889; this is in addition to his present appointment (5-14-62).

- GEISLER, JOHN E., Assistant in Astronomy, one month from June 16, 1962, \$444.44 (5-31-62).
- GILLIES, DONALD B., Research Associate Professor of Applied Mathematics, in the Digital Computer Laboratory, two months from June 16, 1962, \$1,177.77 a month; this is in addition to his present appointment (5-9-62).
- GINSBERG, DONALD M., Assistant Professor of Physics (C), two months from June 16, 1962, \$889 a month; this is in addition to his present appointment (6-5-62).
- GOLDBERG, SAMUEL I., Associate Professor of Mathematics, June 16-August 31, 1962, \$2,917; this is in addition to his present appointment (5-31-62).
- GOLDEN, WILLIAM M., Research Associate in Education (University High School), three months from June 1, 1962, \$2,667 (5-9-62).
- GOLDSTEIN, HERBERT, Associate Professor of Education, in the Institute for Research on Exceptional Children, June 18-August 11, 1962, \$2,034; this is in addition to his present appointment (5-9-62).
- GOLDSTEIN, LADISLAS, Professor of Electrical Engineering (C), two months from June 16, 1962, \$2,077.77 a month; this is in addition to his present appointment (6-4-62).
- GOLDWASSER, EDWIN L., Professor of Physics (C), June 16-July 23, 1962, \$1,444.44 a month; this is in addition to his present appointment (5-31-62).
- GRANATO, ANDREW V., Associate Professor of Physics (C), two months from July 16, 1962, \$1,111.11 a month; this is in addition to his present appointment (5-31-62).
- GREEN, MRS. NANCY S., Visiting Lecturer in History (Chicago Undergraduate Division), Summer Session of 1962, $\frac{2}{3}$ time, June 22-August 17, 1962, \$697 (5-9-62).
- GREENWOOD, GERTRUDE S., Visiting Professor of the Classics, academic year beginning September 1, 1962, \$12,000 (5-14-62).
- GRICE, G. ROBERT, Professor of Psychology, two months from June 16, 1962, \$2,600; this is in addition to his present appointment (6-5-62).
- GRIES, DAVID J., Research Assistant in the Digital Computer Laboratory, two months from July 1, 1962, \$466.67 a month (5-14-62).
- GROVES, WILLIAM E., Research Assistant in Chemistry, two months from June 16, 1962, \$889 (6-4-62).
- GUCKEL, HENRY, Research Assistant in the Digital Computer Laboratory, May 1-June 15, 1962, \$511.11 a month, supersedes (5-14-62), and June 16-August 31, 1962, \$511.11 a month (5-9-62).
- GUILLOU, JOHN C., Associate Professor of Hydraulic Engineering (Civil Engineering) (S), July 1-August 8, 1962, \$1,319.45; this is in addition to his present appointment (5-31-62).
- GULATI, BODH RAJ, Assistant in Mathematics, Summer Session of 1962, June 18-August 11, 1962, \$889 (5-14-62).
- GUNSALUS, IRWIN C., Research Professor of Chemistry, two months from July 1, 1962, \$4,445; this is in addition to his present appointment (5-9-62).
- GUTHRIE, FRANK A., Visiting Lecturer in Chemistry, two months from June 16, 1962, \$1,778; this is in addition to his present appointment (5-31-62).
- GUTOWSKY, HERBERT S., Research Professor of Chemistry, two months from June 16, 1962, \$4,000; this is in addition to his present appointment (5-14-62).
- HAAG, RUDOLF, Research Professor of Physics (C), two months from July 16, 1962, \$1,555.55 a month; this is in addition to his present appointment (5-31-62).
- HAGGSTROM, GUS W., Assistant in Mathematics, June 16-August 31, 1962, \$444.44 a month (5-31-62).
- HAHN, JEROME J., Instructor in Medicine (Medicine), one year from July 1, 1962, \$7,200 (5-14-62).
- HALE, JONATHAN T., Counselor in Speech—Summer Residential Program, Summer Session of 1962, 17/100 time, June 18-August 11, 1962, \$150 (6-7-62).
- HALL, BENJAMIN D., Research Assistant Professor of Chemistry, two months from June 16, 1962, \$1,823; this is in addition to his present appointment (5-31-62).
- HALL, DENNIS C., Research Assistant in the Digital Computer Laboratory, June 16-August 31, 1962, \$444.44 a month (5-9-62).
- HAMILTON, NORMAN T., Assistant Professor of Mathematics, in the Digital Computer Laboratory, two months from June 16, 1962, \$866.66 a month; this is in addition to his present appointment (5-9-62).

- HAMSTROM, MARY E., Associate Professor of Mathematics, $\frac{1}{2}$ time, June 16-August 31, 1962, \$500 a month; this is in addition to her present appointment (5-31-62).
- HANEY, PATRICIA D., Assistant in the Graduate School of Library Science, Summer Session of 1962, June 18-August 11, 1962, \$889 (5-9-62).
- HANG, DANIEL F., Associate Professor of Nuclear Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1962, \$544.44 a month; this is in addition to his present appointment, and to his Summer Session appointment in Electrical Engineering on $\frac{1}{2}$ time (5-31-62).
- HANSON, ALFRED O., Professor of Physics (C), two months from July 16, 1962, \$1,577.77 a month; this is in addition to his present appointment (5-31-62).
- HARTLEY, ARNOLD M., Research Associate Professor of Chemistry, two months from June 16, 1962, \$1,823; this is in addition to his present appointment (5-14-62).
- HARTLEY, MILES C., Associate Professor of Mathematics (Chicago Undergraduate Division), Summer Session of 1962, June 22-August 17, 1962, \$2,178 (5-9-62).
- HASTINGS, J. WOODLAND, Research Associate Professor of Chemistry, two months from June 16, 1962, \$2,445; this is in addition to his present appointment (5-14-62).
- HAYDAY, ALEXANDER A., Assistant Professor of Mechanical Engineering (C), two months from June 16, 1962, \$2,044.44; this is in addition to his present appointment (6-4-62).
- HAYDEN, EDGAR C., Associate Professor of Electrical Engineering (C), two months from June 16, 1962, \$1,266.67 a month; this is in addition to his present appointment (6-4-62).
- HELLER, ALEX, Professor of Mathematics, June 16-August 31, 1962, \$3,000; this is in addition to his present appointment (5-31-62).
- HELMS, LESTER L., Assistant Professor of Mathematics, two months from June 16, 1962, \$1,734; this is in addition to his present appointment (5-31-62).
- HENDERSON, DONALD M., Research Associate Professor of Geology, two months from June 16, 1962, \$1,989; this is in addition to his present appointment (6-5-62).
- HENNE, BERTRAND W., Assistant in the Institute of Aviation, two months from June 16, 1962, \$400 a month (5-31-62).
- HERRIN, MORELAND, Associate Professor of Civil Engineering (S), $\frac{1}{2}$ time, two months from June 16, 1962, \$527.78 a month; this is in addition to his present appointment, and to his Summer Session appointment on $\frac{1}{2}$ time (5-14-62).
- HILL, ROBERT D., Professor of Physics (C), two months from June 16, 1962, \$1,366.66 a month; this is in addition to his present appointment (5-31-62).
- HINDLEY, NORMAN K., Research Associate in Physics (C), one year from September 1, 1962, \$7,500 (6-4-62).
- HOLDERMAN, JAMES B., Assistant Professor in the Institute of Government and Public Affairs, two months from June 16, 1962, \$1,466.67; this is in addition to his present appointment (5-14-62).
- HOOPER, PENELOPE S., Counselor in Speech — Summer Residential Program, Summer Session of 1962, 17/100 time, June 18-August 11, 1962, \$150 (6-7-62).
- HORGER, JAMES C., JR., Visiting Lecturer in Education, June 18-August 11, 1962, \$1,700 (5-25-62).
- HORSFALL, WILLIAM R., Professor of Entomology, two months from June 16, 1962, \$2,422.22; this is in addition to his present appointment (5-31-62).
- HUANG, EUGENE Y., Associate Professor of Civil Engineering (S), two months from June 16, 1962, \$1,822.22; this is in addition to his present appointment (5-14-62).
- HULSIZER, ROBERT I., JR., Professor of Physics (C), two months from July 16, 1962, \$1,483.33 a month; this is in addition to his present appointment (5-31-62).
- HUMMEL, JOHN P., Assistant Professor of Physics and Chemistry (College of Engineering), two months from June 16, 1962, \$955.55 a month; this is in addition to his present appointment (5-31-62).
- HUNTER, JOHN E., Assistant in the Bureau of Educational Research, two months from June 16, 1962, \$889 (5-31-62).
- HUSSEY, MARY A., Instructor in English, Summer Session of 1962, June 18-August 11, 1962, \$1,334 (5-24-62).

- HUTCHINSON, DAVID, Research Assistant in the Digital Computer Laboratory, two months from June 16, 1962, \$650 a month (5-9-62).
- IFRAM, ADNAN F., Assistant in Mathematics, June 16-August 31, 1962, \$444.44 a month (5-31-62).
- IVEY, HILMA J., Research Assistant in the Digital Computer Laboratory, three months from June 16, 1962, \$444.44 a month (5-14-62).
- JACKSON, E. ATLEE, Assistant Professor of Mechanical Engineering (C), two months from June 16, 1962, \$2,000; this is in addition to his present appointment (6-4-62).
- JANES, ROBERT W., Associate Professor of Sociology, $\frac{7}{8}$ time, two months from June 16, 1962, \$1,867; this is in addition to his present appointment (5-14-62).
- JOHNSON, HAROLD, Research Associate in Psychology, two months from June 16, 1962, \$1,400; this is in addition to his present appointment (6-5-62).
- JOHNSON, MARY L., Instructor in English, academic year beginning September 1, 1962, \$6,300 (5-14-62).
- JORDAN, HARRY F., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1962, \$933.32 (6-4-62).
- KADANOFF, LEO P., Assistant Professor of Physics (C), two months from June 16, 1962, \$833.33 a month; this is in addition to his present appointment (5-31-62).
- KARARA, HOUSSAM M., Associate Professor of Civil Engineering (C), two months from June 16, 1962, \$1,822.22; this is in addition to his present appointment (5-14-62).
- KARNES, MERLE B., Visiting Lecturer in Education, Summer Session of 1962, June 18-July 14, 1962, \$1,200 (6-7-62).
- KATHAN, RALPH, Assistant Professor of Biological Chemistry (Medicine), four months from May 1, 1962, \$11,000 a year, supersedes (5-25-62).
- KEEN, MARIA, Instructor in English, Summer Session of 1962, June 18-August 11, 1962, \$1,112 (5-24-62).
- KESLER, CLYDE E., Professor of Theoretical and Applied Mechanics (C), $\frac{3}{4}$ time, two months from June 16, 1962, \$933.34 a month; this is in addition to his present appointment, and to his Summer Session appointment on $\frac{1}{4}$ time (6-4-62).
- KILBRIDE, BERNARD J., Assistant Professor of Finance, four months from May 1, 1962, \$7,500 a year, supersedes, and is in addition to his Summer Session appointment (5-9-62).
- KING, IVAN R., Associate Professor of Astronomy, two months from June 16, 1962, \$938.89 a month; this is in addition to his present appointment (5-31-62).
- KIRCHNER, WILLIAM N., Visiting Lecturer in History (Chicago Undergraduate Division), Summer Session of 1962, $\frac{2}{3}$ time, June 22-August 17, 1962, \$697 (5-24-62).
- KONZO, SEICHI, Professor of Mechanical Engineering and Acting Head of the Department of Mechanical and Industrial Engineering (C), $\frac{2}{3}$ time, two months from June 16, 1962, \$1,185.18 a month; this is in addition to his present appointment (5-31-62).
- KOUCKY, CHARLES J., Clinical Instructor in Surgery (Medicine), five months from April 1, 1962, without salary (5-9-62).
- KURTH, WILLIAM C., Instructor in the Classics, academic year beginning September 1, 1962, \$6,200 (5-14-62).
- LEVY, BERNARDO, Research Assistant in the Digital Computer Laboratory, two months from June 16, 1962, \$888.88 (5-9-62).
- LORD, WILLIAM J., Assistant Professor of Business English, Summer Session of 1962, $\frac{1}{2}$ time, June 18-August 11, 1962, \$789 (5-24-62).
- MAGNABOSCO, PETER T., Assistant in Physical Education for Men, nine months from September 16, 1962, \$4,500 (6-4-62).
- MAGUIRE, JOHN T., Associate Professor of Business English, Summer Session of 1962, $\frac{1}{2}$ time, June 18-August 11, 1962, \$912 (5-24-62).
- MAPOTHER, DILLON E., Professor of Physics (C), two months from June 16, 1962, \$1,300 a month; this is in addition to his present appointment (5-31-62).
- MARTIN, DEAN F., Research Assistant Professor of Chemistry, two months from June 16, 1962, \$1,534; this is in addition to his present appointment (5-9-62).
- MARTIN, JAMES C., Research Assistant Professor of Chemistry, two months from June 16, 1962, \$1,823; this is in addition to his present appointment (5-31-62).

- MASON, ROBERT M., Counselor in Speech — Summer Residential Program, Summer Session of 1962, 23/100 time, June 18-August 11, 1962, \$200 (6-7-62).
- MASSERMAN, CHRISTINE M., Assistant Director of Research in Medical Education, and Lecturer in Preventive Medicine with rank of Associate Professor (Medicine), 9/10 time, nine months from September 16, 1962, \$9,000 (5-14-62).
- MATHY, WAYNE E., Clinical Instructor in Medicine (Medicine), three months from June 1, 1962, without salary (6-4-62).
- MATTESON, MAX R., Associate Professor of Zoology, two months from June 16, 1962, \$1,934; this is in addition to his present appointment (6-5-62).
- MAYOH, BRIAN H., Research Assistant in the Digital Computer Laboratory, June 16-August 31, 1962, \$444.44 a month (5-9-62).
- MCCLEMENT, EDWARD R., Research Assistant in Physics (C), two months from July 1, 1962, \$600 a month (5-14-62).
- MCCORMICK, BRUCE H., Research Associate Professor of Physics, in the Digital Computer Laboratory, two months from July 1, 1962, \$1,200 a month; this is in addition to his present appointment (5-9-62).
- MCCOY, GEORGE, Visiting Lecturer in Education, Summer Session of 1962, June 18-August 11, 1962, \$1,956 (5-16-62).
- MCIVER, JAMES M., Research Assistant in Surgery (Medicine), April 16-August 31, 1962, \$600 a month (5-9-62).
- McMULLEN, CARL W., Research Assistant in Biological Chemistry (Medicine), four months from May 1, 1962, \$408.33 a month (5-25-62).
- McVAY, MILLARD S., Associate Professor of Nuclear Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1962, \$616.66 a month; this is in addition to his present appointment, and to his Summer Session appointment on $\frac{1}{2}$ time (5-31-62).
- METZGER, MARVIN, Professor of Physical Metallurgy (C), two months from June 16, 1962, \$1,111.11 a month; this is in addition to his present appointment (5-31-62).
- MICHELSON, A. M., Visiting Lecturer in Chemistry, four months from April 1, 1962, \$3,615, supersedes (5-25-62).
- MIKULSKI, PIOTR W., Assistant Professor of Mathematics, June 16-August 31, 1962, \$2,085; this is in addition to his present appointment (5-31-62).
- MILEY, GEORGE H., II, Assistant Professor of Nuclear Engineering, Summer Session of 1962, $\frac{1}{2}$ time, June 18-August 11, 1962, \$889, and two months from June 16, 1962, $\frac{1}{2}$ time, \$444.44 a month; this is in addition to his present appointment, and to his Summer Session appointment on $\frac{1}{2}$ time (6-4-62).
- MONTY, JEANNE R., Instructor in French, Summer Session of 1962, $\frac{1}{2}$ time, June 18-August 11, 1962, \$700 (5-14-62).
- MORT, JOSEPH, Research Associate in Physics (C), one year from September 1, 1962, \$7,500 (6-4-62).
- MOTO-OKA, TOHRU, Visiting Research Assistant Professor in the Digital Computer Laboratory, two months from June 16, 1962, \$888.88 a month (5-9-62).
- MOWAT, BRUCE, Instructor in Operative Dentistry (Dentistry), $\frac{3}{5}$ time, five months from April 1, 1962, \$350 a month, supersedes (5-9-62).
- MUCCI, JOSEPH F., Visiting Lecturer in Astronomy, July 2-August 11, 1962, \$1,800 (5-9-62).
- MUNTER, DALLAS D., Research Assistant in Forestry (S), June 15, 1962-August 31, 1963, \$5,350 a year (5-14-62).
- MURPHREE, EDWARD L., JR., Research Assistant in the Digital Computer Laboratory, two months from July 1, 1962, \$466.67 a month (5-14-62).
- MURPHY, CHRISTY A., Instructor in General Engineering (C), academic year beginning September 1, 1962, \$6,500 (6-5-62).
- MURRELL, THOMAS A., Associate Professor of Electrical Engineering, in the Digital Computer Laboratory, two months from June 16, 1962, \$1,088.88 a month; this is in addition to his present appointment (5-9-62).
- NARASIMHAN, RAMGASWAMY, Research Associate in the Digital Computer Laboratory, nine months from September 16, 1962, \$7,000 (6-4-62).
- NIKOULIN, MRS. DILARA, Instructor in Russian, academic year beginning September 1, 1962, \$6,500 (5-31-62).
- NISHIDA, YOSHIRO, Research Assistant in Physiology, one year from April 16, 1962, \$5,400, supersedes (4-26-62).

- NISONOFF, ALFRED, Associate Professor of Microbiology, two months from June 16, 1962, \$2,844.44; this is in addition to his present appointment (5-14-62).
- OFFER, DWIGHT F., Assistant in the Institute of Aviation, June 1-August 15, 1962, \$450 a month (5-14-62).
- O'KELLY, LAWRENCE I., Professor of Psychology, two months from June 16, 1962, \$3,066.68; this is in addition to his present appointment (6-5-62).
- OLEKSY, MARGARET H., Instructor in English (Chicago Undergraduate Division), Summer Session of 1962, June 22-August 17, 1962, \$1,645 (5-24-62).
- OLSON, ROY E., Assistant Professor of Civil Engineering (S), two months from June 16, 1962, \$1,733.34; this is in addition to his present appointment (5-14-62).
- PASTERNAK, ROBERT F., Research Associate in Chemistry, September 4, 1962-August 31, 1963, \$5,850 a year (5-14-62).
- PAUL, M., Research Associate in the Digital Computer Laboratory, four months from June 1, 1962, \$722.22 a month (6-8-62).
- PETERSON, HAROLD A., Instructor in Speech and Theatre, academic year beginning September 1, 1962, \$5,800 (5-14-62).
- PETTIT, ROWLAND, Visiting Lecturer in Chemistry and Chemical Engineering, Summer Session of 1962, June 18-August 11, 1962, \$2,300 (5-24-62).
- PHILLIPS, WALTER, Instructor in Sociology and in the Institute of Labor and Industrial Relations, one year from September 1, 1962, \$8,500 (5-14-62).
- PIERCE, GAIL, Counselor in Speech—Summer Residential Program, Summer Session of 1962, 23/100 time, June 18-August 11, 1962, \$200 (6-7-62).
- PINES, DAVID, Professor of Physics and of Electrical Engineering, two months from June 16, 1962, \$1,733.33 a month; this is in addition to his present appointment (5-31-62).
- PINNELL, MINERVA, Visiting Lecturer in Art, Summer Session of 1962, June 18-August 11, 1962, \$2,200 (5-14-62).
- PIPER, THERON S., Research Assistant Professor of Chemistry, two months from June 16, 1962, \$1,778; this is in addition to his present appointment (5-9-62).
- POPPELBAUM, WOLFGANG, Research Associate Professor of Electrical Engineering, in the Digital Computer Laboratory, one month from June 16, 1962, \$1,200; this is in addition to his present appointment (5-9-62).
- POTTS, MARY C., Visiting Lecturer in Education, July 2-July 28, 1962, \$1,000 (5-14-62).
- PRESLEY, SOPHIE J., Clinical Assistant Professor of Medicine (Medicine), one year from September 1, 1962, without salary, supersedes salaried appointment (6-4-62).
- PROFF, FRED C., Professor of Education, $\frac{3}{4}$ time, June 18-August 11, 1962, \$1,684; this is in addition to his present appointment (5-14-62).
- PU, MRS. LENA C., Assistant in Mathematics, two months from June 16, 1962, \$444.44 a month (6-4-62).
- QUINN, JOHN A., Assistant Professor of Chemical Engineering (S), two months from June 16, 1962, \$1,822; this is in addition to his present appointment (6-4-62).
- RAETZMAN, BARBARA L., Assistant in Occupational Therapy (Medicine), July 2, 1962-August 31, 1963, \$5,900 a year (5-14-62).
- RAMBO, LEWIS M., Research Assistant in the Institute of Labor and Industrial Relations, two months from June 16, 1962, \$444.44 a month (6-4-62).
- RAO, P. V. SURYANARAYANA, Research Associate in the Digital Computer Laboratory, two months from June 16, 1962, \$722.22 a month (5-9-62).
- RAVENHALL, DAVID G., Associate Professor of Physics (C), two months from June 16, 1962, \$1,100 a month; this is in addition to his present appointment (5-31-62).
- RAY, SYLVIAN R., Research Associate in the Digital Computer Laboratory, June 16-August 31, 1962, \$836.66 a month; this is in addition to his present appointment (5-9-62).
- READ, THOMAS A., Professor of Metallurgy, and Head of the Department of Mining, Metallurgy, and Petroleum Engineering (C), two months from June 16, 1962, \$2,077.77 a month; this is in addition to his present appointment (5-31-62).
- REHM, ALLAN S., Assistant in Mathematics, Summer Session of 1962, June 18-August 11, 1962, \$934 (5-14-62).

- RIBEIRO, SERGIO T., Research Assistant in the Digital Computer Laboratory, two months from July 16, 1962, \$933.32 (5-9-62).
- RICKETTS, BERNARD G., Professor of Metallurgical Engineering (C), two months from June 16, 1962, \$1,277.77 a month; this is in addition to his present appointment (5-31-62).
- RITTER, DIANE S., Assistant in Occupational Therapy (Medicine), one year from September 1, 1961, \$5,600, supersedes (5-14-62).
- ROBERG, NORMAN B., Professor of Medicine (Medicine), April 26-August 31, 1962, \$19,750 a year, supersedes (5-9-62).
- ROBERTSON, JAMES E., Research Professor of Electrical Engineering, in the Digital Computer Laboratory, two months from June 16, 1962, \$1,733.33 a month; this is in addition to his present appointment (5-9-62).
- ROBERTSON, JAMES M., Professor of Theoretical and Applied Mechanics (C), June 16-August 12, 1962, \$1,333.34; this is in addition to his present appointment (6-4-62).
- ROWLAND, THEODORE J., Professor of Physical Metallurgy (C), two months from June 16, 1962, \$1,222.22 a month; this is in addition to his present appointment (5-31-62).
- RUSSELL, PETER B., Assistant in Mathematics, two months from June 16, 1962, \$888.88 (5-31-62).
- SASKILL, RICHARD K., Clinical Instructor in Psychiatry (Medicine), five months from April 1, 1962, without salary (5-28-62).
- SCHLOSSER, ROBERT E., Associate Professor of Accountancy, Summer Session of 1962, June 18-August 11, 1962, \$2,156, supersedes (5-28-62).
- SCHNEIDER, JOHN M., Instructor in Electrical Engineering (Chicago Undergraduate Division), Summer Session of 1962, June 22-August 17, 1962, \$1,700 (5-24-62).
- SCHONFELD, HANNS-MARTIN, Visiting Lecturer in Accountancy, Summer Session of 1962, June 18-August 11, 1962, \$1,845 (5-14-62).
- SCHORN, RONALD A., Assistant in Astronomy, two months from June 16, 1962, \$888.88 (5-31-62).
- SCHUMACHER, GEBHARD, Research Associate in the Institution for Tuberculosis Research, two months from July 1, 1962, \$625 a month, supersedes (5-14-62).
- SCHWARZLOSE, PAUL F., Professor of Electrical Engineering (Ceramic Engineering), (S), two months from June 16, 1962, \$2,333.32; this is in addition to his present appointment (5-31-62).
- SEARS, RICHARD P., Research Assistant in the Institute of Labor and Industrial Relations, two months from June 16, 1962, \$444.44 a month (5-31-62).
- SELANDER, RICHARD B., Associate Professor of Entomology, two months from June 16, 1962, \$1,822.22; this is in addition to his present appointment (5-31-62).
- SCOUTAS, DEMETRIUS, Research Assistant in Food Technology (S), June 16, 1962-August 31, 1963, \$5,000 a year (6-4-62).
- SHAFFER, VIRGINIA F., Visiting Lecturer in Education, Summer Session of 1962, June 18-August 11, 1962, \$1,200 (5-16-62).
- SHAW, THOMAS S., Visiting Lecturer in the Graduate School of Library Science, Summer Session of 1962, June 18-August 11, 1962, \$1,800 (5-9-62).
- SHERBERT, DONALD R., Research Associate in Mathematics, one month from August 1, 1962, \$542 (5-14-62).
- SHIRAZI, MOSTAFA A., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1962, \$933.32 (5-9-62).
- SKORA, ROBERT, Research Assistant in Biological Chemistry (Medicine), four months from May 1, 1962, \$408.33 a month, supersedes (5-25-62).
- SLOAN, RICHARD H., Assistant in Physical Education for Men, nine months from September 16, 1962, \$4,700 (6-4-62).
- SMITH, DAVID Y., Research Associate in Physics (C), April 15-August 31, 1962, \$600 a month, and for one year from September 1, 1962, \$7,200 (5-9-62).
- SMITH, JESSIE C., Assistant in the Graduate School of Library Science, Summer Session of 1962, June 18-August 11, 1962, \$889 (5-9-62).
- SMITH, KENNETH C., Visiting Assistant Professor in the Digital Computer Laboratory, two months from June 16, 1962, \$1,000 a month (5-9-62).
- SNYDER, JAMES N., Research Professor of Physics, in the Digital Computer Laboratory, three months from June 16, 1962, \$1,644.44 a month; this is in addition to his present appointment (5-14-62).

- SOO, SHAO L., Professor of Mechanical Engineering (C), two months from June 16, 1962, \$3,222; this is in addition to his present appointment (6-4-62).
- SPATARO, LUCIAN P., Instructor in Business English, Summer Session of 1962, $\frac{1}{2}$ time, June 18-August 11, 1962, \$600 (5-28-62).
- SPAULDING, ROBERT L., Assistant Professor of Education, $\frac{1}{2}$ time, June 18-August 11, 1962, \$889; this is in addition to his present appointment, and to his Summer Session appointment on $\frac{1}{2}$ time (5-14-62).
- SPEARMAN, THOMAS D., Research Associate in Physics (C), one year from September 1, 1962, \$7,500 (6-4-62).
- SPIEGELMAN, SOL, Professor of Microbiology, two months from June 16, 1962, \$3,611.10; this is in addition to his present appointment (6-5-62).
- STALLMEYER, JAMES E., Professor of Civil Engineering, Summer Session of 1962, $\frac{1}{2}$ time, June 18-August 11, 1962, \$1,223 (5-9-62).
- STEIN, JAMES H., JR., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1962, \$888.88 (5-9-62).
- STERNBURG, JAMES G., Associate Professor of Entomology, two months from June 16, 1962, \$1,955.54; this is in addition to his present appointment (5-31-62).
- STOECKER, WILBERT F., Associate Professor of Mechanical Engineering, Summer Session of 1962, $\frac{1}{2}$ time, June 18-August 11, 1962, \$1,034 (5-14-62).
- STREET, NORMAN, Professor of Mining Engineering (C), two months from June 16, 1962, \$1,144.44 a month; this is in addition to his present appointment (5-31-62).
- SUEOKA, NOBORU, Assistant Professor of Microbiology, two months from June 16, 1962, \$2,066.66; this is in addition to his present appointment (5-9-62).
- SUTTON, DAVID C., Assistant Professor of Physics (C), two months from June 16, 1962, \$800 a month; this is in addition to his present appointment (5-31-62).
- SWEET, RODNEY M., Research Assistant in the Institute of Labor and Industrial Relations, two months from June 16, 1962, \$444.44 a month (6-4-62).
- TAN, MARIANO, Research Assistant in Pediatrics (Medicine), one year from July 1, 1962, \$4,900 (5-9-62).
- TAUB, ABRAHAM H., Research Professor of Applied Mathematics and Head of the Digital Computer Laboratory, two months from June 16, 1962, \$2,411.11 a month; this is in addition to his present appointment (5-9-62).
- TAYLOR, AUBREY B., Professor of Physiology, two months from June 16, 1962, \$2,355.56; this is in addition to his present appointment (5-14-62).
- TAYLOR, CHARLES E., Professor of Theoretical and Applied Mechanics (C), $\frac{3}{4}$ time, two months from June 16, 1962, \$975 a month; this is in addition to his present appointment, and to his Summer Session appointment on $\frac{1}{4}$ time (6-4-62).
- TAYLOR, DOUGLAS H., Assistant in Mathematics, two months from June 16, 1962, \$444.44 a month (5-31-62).
- THOMAS, GEORGE J., Research Assistant in Physics (C), two months from June 16, 1962, \$467 a month (5-14-62).
- THOMSON, ROBB M., Professor of Physical Metallurgy (C), two months from June 16, 1962, \$1,111.11 a month; this is in addition to his present appointment (5-31-62).
- THORNBURN, THOMAS H., Professor of Civil Engineering (S), two months from June 16, 1962, \$2,577.78; this is in addition to his present appointment (5-14-62).
- TILBURY, GLEN, Visiting Lecturer in Chemistry, two months from June 16, 1962, \$2,000 (5-14-62).
- TREMBLAY, CLIFFORD W., Research Associate in Education (University High School), June 18-August 11, 1962, \$2,000, and for one year from September 1, 1962, \$9,900 (5-14-62).
- TUCKER, LEDYARD R., Professor of Psychology, two months from June 16, 1962, \$3,290; this is in addition to his present appointment (6-5-62).
- TWARDOCK, ARTHUR R., Assistant Professor of Veterinary Physiology and Pharmacology and of Veterinary Pathology and Hygiene (C), May 15, 1962-August 31, 1963, \$10,000 a year, supersedes (5-25-62).
- VESTLING, CARL S., Professor of Biochemistry, Summer Session of 1962, June 18-August 11, 1962, \$3,334 (5-24-62).
- VOGT, ROBERT M., Assistant in Mathematics, two months from June 16, 1962, \$888.88 (5-31-62).

- VORBECK, JOSEPH F., Assistant in the Institute of Aviation, two months from June 16, 1962, \$515 a month (5-31-62).
- WACHSMAN, JOSEPH T., Assistant Professor of Microbiology, two months from June 16, 1962, \$1,688.88; this is in addition to his present appointment (5-9-62).
- WAKAE, MASAMI, Assistant in Mathematics, Summer Session of 1962, June 18-August 11, 1962, \$889 (5-14-62).
- WALKER, BRIAN L. H., Research Assistant in Food Technology (S), June 16, 1962-August 31, 1963, \$5,000 a year (6-4-62).
- WAYMAN, CLARENCE M., Associate Professor of Metallurgical Engineering (C), two months from June 16, 1962, \$911.11 a month; this is in addition to his present appointment (5-31-62).
- WEITZEL, WILLIAM F., JR., Research Assistant in the Institute of Labor and Industrial Relations, two months from June 16, 1962, \$444.44 a month (5-31-62).
- WELLS, MRS. CATHERINE N., Head Resident, Taft Hall, two months from July 1, 1962, \$460 a month; for the convenience of the University, she will also receive an apartment and meals while the dining rooms are in operation, valued at \$31 a month (5-14-62).
- WETENKAMP, HARRY R., Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1962, \$1,133.33 a month; this is in addition to his present appointment (5-14-62).
- WHEATLEY, JOHN C., Professor of Physics (C), $\frac{1}{2}$ time, one month from April 9, 1962, \$639 (5-9-62).
- WHITE, RAYMOND E., JR., Assistant in Astronomy, two months from June 16, 1962, \$888.88 (5-31-62).
- WIEHLE, H. R., Research Associate in the Digital Computer Laboratory, four months from June 1, 1962, \$722.22 a month (6-8-62).
- WILKIN, FRED R., JR., Research Associate in Education, July 2-August 24, 1962, \$2,100 (5-9-62).
- WOLFE, RALPH S., Professor of Microbiology, two months from June 16, 1962, \$1,333.33 a month; this is in addition to his present appointment (5-9-62).
- WULF, WILLIAM A., Assistant in the Digital Computer Laboratory, two months from June 16, 1962, \$888.88 (5-9-62).
- WYATT, ARTHUR R., Professor of Accountancy, Summer Session of 1962, $\frac{1}{2}$ time, June 18-August 11, 1962, \$1,189 (5-24-62).
- WYATT, STANLEY P., JR., Professor of Astronomy, June 18-August 24, 1962, \$3,334; this is in addition to his present appointment (5-9-62).
- WYMAN, MARVIN E., Professor of Physics and of Nuclear Engineering (C), $\frac{1}{2}$ time, two months from June 16, 1962, \$1,633, this is in addition to his present appointment, and Professor of Nuclear Engineering, Summer Session of 1962, $\frac{1}{2}$ time, June 18-August 11, 1962, \$1,634, supersedes (5-29-62).
- YANKWICH, PETER E., Research Professor of Chemistry, June 16-August 31, 1962, \$3,473; this is in addition to his present appointment (5-14-62).
- ZINKY, FRANKLIN A., Assistant in the Institute of Aviation, two months from June 16, 1962, \$450 a month (5-31-62).
- ZIOMEK, LEO F., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1962, $\frac{3}{8}$ time, June 22-August 17, 1962, \$1,093 (5-9-62).
- ZIPORYN, MARVIN C., Clinical Assistant Professor of Psychiatry (Medicine), five months from April 1, 1962, without salary (5-28-62).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- ANDERSON, DAVID L., Fellow (Intern) in Government and Public Affairs, one year from July 1, 1962, \$2,700 (5-31-62).
- ANDERSON, SONIA R., National Science Foundation Cooperative Fellow in Chemistry, one year from June 16, 1962, \$2,400 (4-19-62).
- ATKINS, GLADYS, Summer Quarter Fellow in Physiology, three months from June 16, 1962, \$600 (5-28-62).
- ATWAL, MANMOHAN S., Summer Quarter Fellow in Chemistry (University of Illinois at the Medical Center), three months from June 16, 1962, \$600 (5-31-62).
- BAGBY, ROLAND M., United States Public Health Service Fellow (Trainee) in Physiology, one year from June 16, 1962, \$2,888 (5-28-62).

- BELFORD, R. LINN, Postdoctoral Fellow in Chemistry, two months from June 16, 1962, \$1,778; this is in addition to his appointment as Assistant Professor of Physical Chemistry (6-4-62).
- BENARD, EDMUND F., Fellow in Civil Engineering, two months from June 16, 1962, \$500, and nine months from September 16, 1962, \$2,000 (3-30-62).
- BENDER, LEON I., United States Public Health Service Summer Fellow (Trainee) in Pharmacology, three months from June 16, 1962, \$600 (5-18-62).
- BERMAN, NORMAN B., Medical Student Summer Quarter Fellow in Pharmacology, three months from June 16, 1962, \$600 (6-5-62).
- BIFANO, JACQUELINE, University Fellow at the Medical Center, one year from September 1, 1962, \$2,300 (3-30-62).
- BLAIN, CHARLOTTE, Medical Student Summer Quarter Fellow in Anatomy, three months from June 16, 1962, \$600 (5-16-62).
- BOJANOWSKI, ROBERT J., United States Public Health Service Fellow (Trainee) in Microbiology, two months from June 16, 1962, \$467 (5-28-62).
- BOON, DONALD J., Medical Student Alternative Quarter Fellow, June 16-August 31, 1962, \$200 (5-21-62).
- BOTTORFF, RALPH S., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$3,600 (5-17-62).
- BROMELS, EDWARD, Corning Glass Works Foundation Summer Fellow in Chemistry, two months from June 16, 1962, \$500 (5-15-62).
- BUCHBINDER, MANDEL, United States Public Health Service Fellow (Trainee) in Medicine (University of Illinois at the Medical Center), one year from July 1, 1962, \$6,000 (4-18-62).
- BURCH, GRACE K., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, \$3,600 (4-20-62).
- CADKIN, LAWRENCE M., Medical Student Summer Quarter Fellow in Biological Chemistry, three months from June 16, 1962, \$600 (5-16-62).
- CALDARELLI, DAVID, Medical Student Summer Quarter Fellow in Physiology, three months from June 16, 1962, \$600 (5-16-62).
- CARLSON, RUSSELL, Medical Student Summer Quarter Fellow in Anatomy, three months from June 16, 1962, \$600 (5-16-62).
- CHAN, ALFRED, JR., University Fellow at the Medical Center, one year from September 1, 1962, \$2,300 (4-2-62).
- CLEARY, THERESA A., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1962, \$1,800 (4-25-62).
- CLENDENEN, RONALD L., Dow Chemical Company Fellow in Chemical Engineering, nine months from September 16, 1962, \$1,800 (4-25-62).
- COGAN, OSCAR J., Medical Student Summer Quarter Fellow in Biological Chemistry, three months from June 16, 1962, \$600 (5-18-62).
- CRAIG, RICHARD A., National Science Foundation Cooperative Fellow in Physics, one year from June 16, 1962, \$2,400 (4-19-62).
- DAI, PETER K., Gregory Industries Fellow in Civil Engineering, three months from June 16, 1962, \$750 (6-4-62).
- DART, RICHARD A., Medical Student Summer Quarter Fellow in Biological Chemistry, three months from June 16, 1962, \$600 (5-16-62).
- DEVETSKI, ROBERT L., United States Public Health Service Fellow (Trainee) in Medicine (University of Illinois at the Medical Center), one year from July 1, 1962, \$7,000 (4-5-62).
- DEVILLEZ, EDWARD J., United States Public Health Service Fellow (Trainee) in Physiology, two months from June 16, 1962, \$444.32 (5-8-62).
- DISKIN, MORDECHAI H., Fellow in Civil Engineering, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375 (3-30-62).
- DRAKE, FRANK T., Medical Student Summer Quarter Fellow in Physiology, three months from June 16, 1962, \$600 (5-16-62).
- DULANEY, JOHN, University Fellow at the Medical Center, one year from September 1, 1962, \$2,300 (3-30-62).
- DUNN, CORWIN R., Medical Student Summer Quarter Fellow in Physiology, three months from June 16, 1962, \$600 (5-16-62).
- EDGE, CHARLES K., American Oil Foundation Fellow in Chemical Engineering, nine months from September 16, 1962, \$1,800 (4-25-62).
- EISEMANN, DALE R., Dental Student Summer Quarter Fellow in Histology (Dentistry), three months from June 16, 1962, \$600 (5-28-62).

- EYMAN, DARRELL P., Esso Research and Engineering Company Fellow in Chemistry, nine months from September 16, 1962, \$2,400 (5-9-62).
- FALLAH, PARVIN H., United States Public Health Service Fellow (Trainee) in Physiology, two months from June 16, 1962, \$444.32 (5-8-62).
- FEISTEL, GERALD R., Ethyl Corporation Fellow in Chemistry, nine months from September 16, 1962, \$2,100 (4-25-62).
- FERRER, JOSE L., United States Public Health Service Fellow (Trainee) in Otolaryngology (University of Illinois at the Medical Center), one year from July 1, 1959, \$5,250 (4-3-62).
- FETVEDT, ROBERT O., Katharine L. Sharp Fellow in Library Science, nine months from September 16, 1962, \$500 (5-17-62).
- FITES, ROGER C., Wright Fellow in Agronomy, nine months from September 16, 1962, \$1,800, supersedes (5-21-62).
- FLOREY, FRANCIS G., National Science Foundation Mathematics Institute Fellow in Mathematics, September 1, 1961-June 15, 1962, \$4,475, supersedes, and two months from June 16, 1962, \$1,080, supersedes (5-16-62).
- FOX, TRUDY, Medical Student Summer Quarter Fellow in Microbiology, three months from June 16, 1962, \$600 (5-16-62).
- FREED, JAMES M., United States Public Health Service Fellow (Trainee) in Physiology, two months from June 16, 1962, \$444.32 (5-8-62).
- FRIEDMAN, STEPHEN B., United States Public Health Service Fellow (Trainee) in Microbiology, two months from June 16, 1962, \$534 (5-31-62).
- FRIEDMAN, THEODORE, Medical Student Summer Quarter Fellow in Physiology, three months from June 16, 1962, \$600 (5-16-62).
- GERBECK, CLAIR, University Fellow at the Medical Center, one year from September 1, 1962, \$2,300 (3-30-62).
- GILLESPIE, DAVID H., United States Public Health Service Fellow (Trainee) in Microbiology, one year from June 16, 1962, \$2,667 (5-28-62).
- GOLDEN, IRWIN L., United States Public Health Service Summer Fellow (Trainee) in Pharmacology, three months from June 16, 1962, \$600 (5-20-62).
- GOLDMAN, BARRY, Medical Student Summer Quarter Fellow in Pharmacology, three months from June 16, 1962, \$600 (5-18-62).
- GORDON, WALTER R., National Science Foundation Summer Fellow in Geology, June 16-August 10, 1962, \$600 (4-19-62).
- GORFINKEL, HARVEY J., Medical Student Summer Quarter Fellow in Physiology, three months from June 16, 1962, \$600 (5-16-62).
- HABAS, LINDA B., United States Public Health Service Fellow (Trainee) in Physiology, one year from June 16, 1962, \$2,888 (5-28-62).
- HAIN, HANS R., United States Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1961, \$3,800, supersedes (5-15-62).
- HARRISON, WILLARD W., Koppers Company Summer Fellow in Chemistry, two months from June 16, 1962, \$600, supersedes, and DuPont Teaching Fellow in Chemistry, nine months from September 16, 1962, \$1,200 (5-16-62).
- HEIPLE, CLINTON R., Inland Steel-Ryerson Foundation Fellow in Metallurgy, nine months from September 16, 1962, \$2,400 (4-13-62).
- HENRY, ARTHUR C., Roger Adams Teaching Fellow in Chemistry, nine months from September 16, 1962, \$2,000, and two months from June 16, 1963, \$500, supersedes (5-16-62).
- HEWITSON, RICHARD E., Summer Quarter Fellow in Chemistry (Pharmaceutical), three months from June 16, 1962, \$600 (5-28-62).
- HOCH, JAMES A., United States Public Health Service Fellow (Trainee) in Microbiology, June 16, 1962-June 30, 1963, \$2,917 (5-31-62).
- HOFFMAN, MICHAEL P., National Science Foundation Summer Fellow in Anthropology, June 16-August 24, 1962, \$750 (4-19-62).
- HOWARD, NOEL S., Medical Student Summer Quarter Fellow in Biological Chemistry, three months from June 16, 1962, \$600 (5-16-62).
- INCREMENTA, JOSEPH H., Lubrizol Fellow in Chemistry, nine months from September 16, 1962, \$2,000 (4-25-62).
- IRGENS, ROAR, United States Public Health Service Fellow (Trainee) in Microbiology, one year from July 1, 1962, \$3,200 (5-26-62).

- JAO, RODOLFO L., United States Public Health Service Fellow (Trainee) in Medicine (University of Illinois at the Medical Center), one year from July 1, 1962, \$5,500 (4-5-62).
- JOHNSON, JOYCE H., University Fellow at the Medical Center, one year from September 1, 1962, \$2,300 (3-30-62).
- JONES, CAROLYN G., United States Public Health Service Fellow (Trainee) in Microbiology, two months from June 16, 1962, \$467 (5-28-62).
- JONES, MARY L., Fellow in Spanish, two months from June 16, 1962, \$375, and nine months from September 16, 1962, \$1,500, supersedes (5-24-62).
- KANO-SUEOKA, TAMIKO, United States Public Health Service Fellow (Trainee) in Microbiology, two months from June 16, 1962, \$400 (5-16-62).
- KEFALIDES, NICHOLAS A., United States Public Health Service Fellow (Trainee) in Medicine (University of Illinois at the Medical Center), one year from July 1, 1962, \$7,500 (4-5-62).
- KNAKE, RONALD W., Edward Orton Foundation Fellow in Ceramic Engineering, nine months from September 16, 1962, \$1,600 (5-25-62).
- KOENIG, THOMAS W., National Science Foundation Cooperative Fellow in Chemistry, one year from June 16, 1962, \$2,400 (4-19-62).
- KOMINEK, LEO A., United States Public Health Service Fellow (Trainee) in Microbiology, June 16-June 30, 1962, \$116.50, and one year from July 1, 1962, \$3,200 (5-31-62).
- KOPP, JAMES V., University Fellow at the Medical Center, one year from September 1, 1962, \$2,300 (3-30-62).
- KRELSTEIN, MURRAY J., Medical Student Summer Quarter Fellow in Biological Chemistry, three months from June 16, 1962, \$600 (5-16-62).
- LANGBERG, GEORGE, National Science Foundation Cooperative Fellow in Mathematics, nine months from September 16, 1962, \$1,800 (4-19-62).
- LARSON, CARL S., National Science Foundation Summer Fellow in Mechanical Engineering, June 16-August 10, 1962, \$600 (4-19-62).
- LEE, DELLAS W., Summer Fellow in Law, two months from June 16, 1962, \$375 (4-19-62).
- LEE, KEUN S., United States Public Health Service Fellow (Trainee) in Physiology, one year from June 16, 1962, \$2,888 (5-25-62).
- LEFKOWITZ, LEWIS B., JR., United States Public Health Service Fellow (Trainee) in Medicine (University of Illinois at the Medical Center), one year from July 1, 1962, \$6,500 (4-5-62).
- LETT, RICHARD G., Corning Glass Works Summer Fellow in Chemistry, two months from June 16, 1962, \$500 (4-25-62).
- LEVIN, ALAN, Medical Student Summer Quarter Fellow in Biological Chemistry, three months from June 16, 1962, \$600 (5-16-62).
- LINN, ROBERT L., National Science Foundation Cooperative Fellow in Psychology, one year from September 1, 1962, \$2,400 (4-19-62).
- LIPSON, LEON W., United States Public Health Service Summer Fellow (Trainee) in Pharmacology, three months from June 16, 1962, \$600 (5-29-62).
- MAGNUS, DAVID P., Medical Student Summer Quarter Fellow in Pharmacology, three months from June 16, 1962, \$600 (5-18-62).
- MAH, GEORGE, Union Carbide Fellow in Metallurgy, nine months from September 16, 1962, \$1,800 (5-11-62).
- MCBRIDE, LARRY W., Dental Student Summer Quarter Fellow in Histology, three months from June 16, 1962, \$600 (5-23-62).
- MICKEVICIUS-ZUKAUSKAS, MRS. EUGENIA, United States Public Health Service Fellow (Trainee) in Pharmacology (University of Illinois at the Medical Center), six months from July 1, 1962, \$1,200 (5-18-62).
- MINES, ALLAN H., United States Public Health Service Fellow (Trainee) in Physiology, two months from June 16, 1962, \$444.32 (5-25-62).
- MITCHELL, WILLIAM T., Minnesota Mining and Manufacturing Company Fellow in Chemical Engineering, nine months from September 16, 1962, \$2,000 (4-10-62).
- MORRIS, DAVID R., Procter and Gamble Company Fellow in Chemistry, nine months from September 16, 1962, \$2,100 (4-25-62).
- MRTEK, ROBERT G., University Fellow at the Medical Center, one year from September 1, 1962, \$2,300 (3-30-62).

- NARASIMHAN, MRS. SITA, Fellow in English, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375, supersedes (5-21-62).
- NELSON, KAREN L., Monmouth College Fellow in English, nine months from September 16, 1962, \$1,500 (5-21-62).
- NUDERA, ROBERT J., Dental Student Summer Quarter Fellow in Histology, three months from June 16, 1962, \$600 (5-27-62).
- O'LEARY, KEITH D., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1962, \$1,800 (4-25-62).
- PECK, ARNOLD M., Medical Student Summer Quarter Fellow in Anatomy, three months from June 16, 1962, \$600 (5-16-62).
- PRICE, RICHARD H., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1962, \$1,800 (4-25-62).
- PURDY, RICHARD R., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1962, \$1,800 (5-1-62).
- REILAND, JOHN C., United States Public Health Service Fellow (Trainee) in Microbiology, June 16, 1962-June 30, 1963, \$2,917 (5-31-62).
- RHODES, MITCHELL, Medical Student Summer Quarter Fellow in Physiology, three months from June 16, 1962, \$600 (5-16-62).
- RIFF, DONALD P., United States Public Health Service Summer Fellow (Trainee) in Pharmacology, three months from June 16, 1962, \$600 (5-20-62).
- ROBINSON, JOHN A., United States Public Health Service Fellow (Trainee) in Pharmacology, three months from June 16, 1962, \$600 (5-26-62).
- ROGENESS, GRAHAM A., Medical Student Summer Quarter Fellow in Biological Chemistry, three months from June 16, 1962, \$600 (5-16-62).
- ROSE, ROGER A., Medical Student Summer Quarter Fellow in Pathology, three months from June 16, 1962, \$600 (5-16-62).
- ROTHMAN, HOWARD H., United States Public Health Service Fellow (Trainee) in Biophysics, one year from September 16, 1962, \$2,666 (4-25-62).
- SAEGER, KAY E., United States Public Health Service Fellow (Trainee) in Physiology, one year from June 16, 1962, \$2,888 (5-28-62).
- SAMUELS, ARNOLD H., Medical Student Summer Quarter Fellow in Biological Chemistry, three months from June 16, 1962, \$600 (5-16-62).
- SCHLAF, RODGER L., University Fellow at the Medical Center, one year from September 1, 1962, \$2,300 (3-30-62).
- SCHLEICHER, JANE, Teaching Fellow in Music, two months from June 16, 1962, \$375, and September 16, 1962-June 30, 1963, \$1,500, supersedes (5-9-62).
- SIEBER, JANET J., University Fellow at the Medical Center, one year from September 1, 1962, \$2,300 (3-30-62).
- SKEATH, JAMES E., National Science Foundation Summer Fellow in Mathematics, June 16-August 10, 1962, \$600 (5-8-62).
- SLOAN, DENNIS, Medical Student Summer Quarter Fellow in Physiology, three months from June 16, 1962, \$600 (5-16-62).
- SMITH, ROBERT M., United States Department of Health, Education, and Welfare, Fellow (Trainee) in Education, nine months from September 16, 1961, \$3,000, supersedes (5-15-62).
- STEIN, DERON T., Gillette-Toni Fellow in Chemistry, nine months from September 16, 1962, \$2,500 (4-25-62).
- STEIN, SONDRA R., United States Public Health Service Fellow (Trainee) in Microbiology, three months from June 16, 1962, \$600 (5-16-62).
- SUHS, RICHARD H., United States Public Health Service Fellow (Trainee) in Medicine (University of Illinois at the Medical Center), one year from July 1, 1962, \$5,500 (4-5-62).
- TORNHIGM, JERALD, Medical Student Alternative Quarter Fellow, June 16-August 31, 1962, \$200 (6-4-62).
- VARSA, EDWARD C., Hackett Fellow in Agronomy, nine months from September 16, 1962, \$1,800, supersedes (5-21-62).
- VEDDER, RICHARD K., Fellow in Economics, nine months from September 16, 1962, \$1,500, and two months from June 16, 1963, \$375, supersedes (5-8-62).
- VICTOR, THOMAS, Medical Student Summer Quarter Fellow in Anatomy, three months from June 16, 1962, \$600 (5-16-62).
- WALTERS, JOHN P., Minnesota Mining and Manufacturing Company Fellow in Chemistry, nine months from September 16, 1962, \$2,000 (5-9-62).

WAYLAND, BRADFORD B., Corning Glass Works Foundation Summer Fellow in Chemistry, two months from June 16, 1962, \$500 (5-15-62).

YARWOOD, DEAN L., Charles E. Merriam Fellow in Political Science, nine months from September 16, 1962, \$2,000 (4-1-62).

ZUCKERMAN, ARNOLD, Kendric C. Babcock Fellow in History, nine months from September 16, 1962, \$2,000 (5-8-62).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

ALDUS, ARIK, Instructor in General Engineering — resignation effective September 1, 1962.

ASHCRAFT, MICHAEL B., Fellow in Art — resignation effective September 16, 1962.

BAER, ERIC, Assistant Professor of Chemical Engineering — resignation effective September 1, 1962.

BORNHOFEN, JOHN O., Fellow in Economics — resignation effective September 16, 1962.

BUBLITZ, DONALD E., Research Associate in Chemistry — resignation effective May 1, 1962.

CHANG, MRS. MEI-LING W., Research Associate in Animal Science — resignation effective June 1, 1962.

CURLEY, DANIEL, Associate Professor of English, Summer Session of 1962 — resignation effective June 18, 1962.

DANIELS, FARRINGTON, JR., Associate Professor of Dermatology (Medicine) — resignation effective September 1, 1962.

DEBOER, JOHN J., Professor of Education, Summer Session of 1962 — cancellation effective June 18, 1962.

DE WETTE, FREDERIK W., Research Assistant Professor of Physics — resignation effective August 1, 1962.

DICKERSON, RICHARD E., Research Assistant Professor of Chemistry — declination effective June 16, 1962.

FASSLER, LOUISE, Assistant Professor of Medical Social Work (Medicine) — resignation effective June 29, 1962.

GALLAGHER, ROBERT E., Assistant Professor of English (Chicago Undergraduate Division), Summer Session of 1962 — declination effective June 22, 1962.

GOLD, ALBERT, Research Associate in Physics — resignation effective July 1, 1962.

GORDON, WALTER R., National Science Foundation Summer Fellow in Geology — resignation effective June 16, 1962.

HOUSE, HELEN M., Assistant in Home Economics, Summer Session of 1962 — declination effective June 18, 1962.

HUBBARD, DOROTHY L., Fellow in Music — resignation effective June 16, 1962.

JAGER, MRS. VIRGINIA, Research Assistant in Chemistry — resignation effective June 1, 1962.

KELLSTEDT, LYMAN A., Kendric C. Babcock Fellow in Political Science — resignation effective September 16, 1962.

KENYON, RICHARD J., Research Assistant in Electrical Engineering — resignation effective June 24, 1962.

KRUMWIEDE, DORIS M., Research Associate in Ceramic Engineering — resignation effective June 8, 1962.

MCADAMS, HARLEY H., United States Public Health Service Fellow (Trainee) in Biophysics — resignation effective June 16, 1962.

MEYERTHOLEN, MRS. THEODOSIA, Instructor in Medical Social Work (Medicine) — resignation effective June 17, 1962.

MISIASZEK, EDWARD T., Assistant Professor of Civil Engineering — resignation effective September 1, 1962.

NICHOLAS, CONSTANCE, Associate Professor of English (Chicago Undergraduate Division), Summer Session of 1962 — resignation effective June 22, 1962.

OLSON, ALAN W., Fellow in Electrical Engineering — resignation effective September 16, 1962.

OPPENLANDER, JOSEPH C., Research Associate in Civil Engineering — resignation effective September 1, 1962.

PESSA, ARNE T., Research Assistant in Physiology — resignation effective May 1, 1962.

PETERS, MAX S., Professor of Chemical Engineering — resignation effective September 1, 1962.

- RAFF, MRS. MURNA J., Research Assistant in Electrical Engineering — resignation effective May 1, 1962.
- SCHROEDER, FRED W., Assistant Professor of General Engineering (Chicago Undergraduate Division) — resignation effective June 22, 1962.
- SHIN, YONG A., Research Associate in Chemistry — resignation effective April 16, 1962.
- VOLLAND, ANITA, Fellow in Anthropology — resignation effective September 16, 1962.
- ZIEL, HENRY R., Assistant Professor of Education, Summer Session of 1962 — resignation effective June 18, 1962.

LEAVES OF ABSENCE

- BRUNER, EDWARD M., Associate Professor of Anthropology — leave of absence, without pay, September 1, 1963, to March 1, 1964.
- DEFEQ, VINCENT J., Assistant Professor of Anatomy, College of Medicine — leave of absence, without pay, August 9, 1962, through September 27, 1962.
- DIESING, PAUL R., Assistant Professor of Philosophy — leave of absence, without pay, one year beginning September 1, 1962, so that he may serve as visiting lecturer at the University of Colorado.
- FRTZ, THOMAS E., Instructor in Veterinary Research (Agricultural Experiment Station) and in Veterinary Pathology and Hygiene (College of Veterinary Medicine) — extension of leave of absence, without pay, six months beginning August 1, 1962, so that he may continue his services to the State Department of Agriculture, in its Diagnostic Laboratory, assigned to the College of Veterinary Medicine.
- HATFIELD, EFTON E., Assistant Professor of Animal Science (College of Agriculture and Agricultural Experiment Station) — leave of absence, without pay, five months beginning August 1, 1962, so that he may participate in nuclear studies at the Atomic Energy Commission laboratories at Oak Ridge, Tennessee.
- LIEBERMAN, DAVID S., Professor of Physical Metallurgy (College of Engineering) — extension of leave of absence, without pay, for an additional year beginning September 1, 1962, in order that he may continue to act as Scientific Liaison Officer-Physical Metallurgist with the United States Office of Naval Research, London Scientific Staff.
- OSGOOD, CHARLES E., Professor of Psychology and Director of the Institute of Communications Research — leave of absence, without pay, two months beginning June 16, 1962, so that he may do work on a summer seminar being supported by the United States Navy Project Michaelson.
- PASTA, JOHN R., Research Professor of Physics, in the Digital Computer Laboratory and in the Department of Physics — leave of absence, without pay, beginning June 26 and continuing through August 31, 1962, so that he may take part in a research program at Brookhaven National Laboratory.
- PETERSON, LEWIS V., Producer-Supervisor of Television-Motion Pictures — extension of leave of absence, without pay, one year from September 1, 1962, so that he may continue his work with the Kabul University Communications Media Center, and with the Ministry of Education.
- PHILLIPS, JOSEPH D., JR., Research Professor in the Bureau of Economic and Business Research — leave of absence, without pay, one year from September 1, 1962.
- RABINOWITCH, EUGENE, Research Professor of Botany — leave of absence, without pay, March 1 through August 31, 1963, in addition to his sabbatical leave of absence for the first semester of 1962-63 on full pay.
- SEN, ARUN KUMAR, Clinical Assistant Professor of Anesthesiology, Department of Surgery (College of Medicine) — leave of absence, without pay, April 16 to May 1, 1962, because of illness in his family.
- SPARGO, GLADYS R., Acquisition Assistant in the Library (Chicago Undergraduate Division) — leave of absence, without pay, July 1 through August 10, 1962.
- VAN VALKENBURG, MAC E., Professor of Electrical Engineering and Associate Director of the Coordinated Science Laboratory — leave of absence, without pay, academic year 1962-63, so that he may accept a Visiting Professorship at the University of California, Berkeley.

VELETOS, ANESTIS S., Professor of Civil Engineering — leave of absence, without pay, second semester of 1962-63, so that he may accept an appointment as Visiting Professor of Applied Mechanics at Rice University.

CANCELLATION OF SABBATICAL LEAVE OF ABSENCE

PHILLIPS, JOSEPH D., JR., Research Professor in the Bureau of Economic and Business Research — leave of absence on full pay for six months beginning September 1, 1962, cancelled without prejudice.

JULY AND AUGUST MEETINGS

President Clement announced that the next meeting of the Board of Trustees will be held in the LaSalle Hotel, Chicago, on July 18, 1962. He asked if the Board desires to make a decision at this time regarding a meeting in August. The Secretary stated that some contracts will need to be awarded and purchases authorized in August, and that the Executive Committee can act for the Board in transacting these items of business.

On motion of Mr. Johnston, the Board voted to omit the August meeting.

President Clement announced that the September meeting is presently scheduled for Wednesday, September 19, 1962.

President Clement stated that an executive session has been requested, and was being ordered, for consideration of property acquisitions, patentable inventions, and classified research contracts, and that this session will be held immediately after luncheon.

On motion of Mr. Williamson, the Board recessed.

ADDRESS BY PROFESSOR C. J. McINTYRE

During the luncheon recess, Professor C. J. McIntyre, Coordinator of Instructional Television, addressed the Board on the University's involvement in the airborne television program.

EXECUTIVE SESSION

When the Board reconvened in executive session, the same members of the Board, officers of the Board, and officers of the University as were recorded at the beginning of these minutes were present. The Board took up consideration of the following items of business:

PURCHASE OF PROPERTIES

(1) The Director of the Physical Plant and the Vice-President and Comptroller recommend purchase of the following properties at the prices and on the terms indicated in each case:

1111 West Illinois Street, Urbana.....\$ 36 175

The property consists of a lot 65 feet wide and 150 feet deep and a three-story and basement frame residence. The building will eventually be removed and the land will be part of an area to be developed for parking facilities replacing those lost when construction is started on the Illinois Street Residence Hall. Possession will be delivered not later than August 1, 1962, and taxes will be prorated.

1118 West Illinois Street and 408 South Goodwin Avenue, Urbana..... 95 500

The property consists of a corner lot 55 feet on Illinois Street by 130 feet on Goodwin Avenue, and a three-story and basement, twelve-unit apartment building and a two-story frame residence. The apartment building will be used to provide temporary office quarters and the balance of the land for additional parking spaces. Possession will be delivered not later than August 1, 1962, and taxes will be prorated.

1308 West Stoughton Street.....	14 700
The property consists of a lot 66 feet wide and 132 feet deep and a two-story frame residence. The building will eventually be removed and the land will be part of an area for a new Civil Engineering Building. Possession will be delivered not later than July 1, 1962, and taxes will be prorated.	
408 East Chalmers Street, Champaign.....	26 000
The property consists of a lot 51.5 feet deep and 114.25 feet wide, and a two-story frame residence. The building will eventually be removed and the land will be used as part of the site for the construction of the next residence hall for single graduate students. Possession will be delivered not later than July 1, 1962, and taxes will be prorated.	
410 East Chalmers Street, Champaign.....	25 000
The property consists of a lot 59.24 feet by 70 feet and a two-story and basement frame residence. The building will eventually be removed and the land used as part of the site for the next graduate student residence hall project. Possession will be delivered not later than July 1, 1963, and taxes will be prorated.	
510 East Chalmers Street, Champaign.....	18 500
The property consists of a lot 35 feet by 59.24 feet and a two-story and basement frame residence. The building will eventually be removed and the land will be part of a site for a graduate student residence hall. Possession will be delivered not later than July 1, 1962, and taxes will be prorated.	
Total.....	\$215 875

The sale prices are within appraisals secured by the University with the exception of the Stoughton Street property. The asking price of that property, slightly above the appraisal, was reported to and agreed upon by the Committee on Buildings and Grounds at its meeting on May 24. The Committee at that meeting also voted to recommend approval of the purchases of the other properties listed above.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

I concur.

On motion of Mr. Pogue, purchase of the six properties listed above, at the prices and on the terms indicated, was authorized, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Mr. Kerner.

PURCHASE OF PROPERTIES AT 1305 WEST STOUGHTON STREET AND 1304 WEST SPRINGFIELD AVENUE, URBANA

(2) The Director of the Physical Plant and the Vice-President and Comptroller recommend purchase of the properties at 1305 West Stoughton Street and 1304 West Springfield Avenue, Urbana, at a total price of \$38,000.

The property at 1305 West Stoughton Street, Urbana, is a lot 66 feet wide and 100 feet deep, with a one-story frame residence. The property at 1304 West Springfield Avenue, Urbana, is a lot 66 feet wide and 100 feet deep, with a two-story frame residence. These buildings will eventually be removed and the land used for expansion of the Digital Computer Laboratory Building. The Board of Trustees on March 17, 1962, authorized condemnation proceedings for the acquisition of the property at 1305 West Stoughton Street, Urbana, which must be removed prior to the start of construction of the Digital Computer Laboratory Addition in the fall of 1962. The other property will be required at a later date.

The sale price (allocated in the amount of \$16,000 for the Stoughton Street property and \$22,000 for the Springfield Avenue property) is within the total of the appraised values for these properties. The owner of the properties has accepted this sale price, provided that:

Possession of the property at 1305 West Stoughton, Urbana, will be delivered to the University on or before July 15, 1962, and taxes will be prorated.

Possession of the property at 1304 West Springfield Avenue, Urbana, will be delivered to the University on or before October 15, 1962.

A lease will be offered the owner for the premises at 1304 West Springfield Avenue, Urbana, until and including June 30, 1963, at no rental charge but he will assume all expenses such as utilities, taxes, insurance, and will maintain the property in its existing condition.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

I concur.

On motion of Mr. Pogue, purchase of these properties, at the prices and on the terms indicated, was authorized, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Mr. Kerner.

CLASSIFIED GOVERNMENT RESEARCH SECURITY CLEARANCES FOR TRUSTEES

(3) The Board of Trustees has declared, and has made this a matter of record, that its Executive Committee shall act for the Board on any contracts, and business incidental thereto, dealing with classified material relating to government research, so that only the members of the Executive Committee will be required to have security clearances and to avoid the necessity of securing such clearances for all the members of the Board.

In order to make this certification acceptable to governmental authorities, it is necessary to adopt the following supplementary declaration:

The Board of Trustees further declares that only Trustees Wayne A. Johnston, U.S. Citizen, Mrs. Frances B. Watkins, U.S. Citizen, and Howard W. Clement, U.S. Citizen, who are the present members of the Executive Committee, will have access to classified security information, and that Trustees Otto Kerner, U.S. Citizen, George T. Wilkins, U.S. Citizen, Earl M. Hughes, U.S. Citizen, Timothy W. Swain, U.S. Citizen, Richard A. Harewood, U.S. Citizen, Harold Pogue, U.S. Citizen, Irving Dilliard, U.S. Citizen, and Kenney E. Williamson, U.S. Citizen, will not have access to classified security information.

The Secretary of the Board requests adoption of this supplementary declaration and that he be authorized to send certified copies to the government agencies concerned.

On motion of Mr. Swain, the foregoing resolution was adopted.

RECOMMENDATION OF THE UNIVERSITY PATENT COMMITTEE

(4) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendation relating to an invention by members of the staff.

Coprophygy-preventing animal cage—B. Connor Johnson, Professor of Animal Biochemistry, Louis Nash, Junior Laboratory Attendant in the Department of Animal Science, and Ryland E. Webb, Graduate Student, inventors. The invention consists of an animal cage having the form of a continuous tunnel which permits the animal to move forward without obstruction, but does not permit movement in a vertical or horizontal direction. It is so constructed that at least the floor of the cage is perforated or slotted to permit fecal material to fall out of reach of the animal.

The University Patent Committee has voted to recommend the release of the rights to this invention to the inventors if they indicate an interest in obtaining a patent and the release of the rights to the sponsoring agency, the United States Office of the Surgeon General, if it is the decision of the inventors not to file for a patent.

I concur in this recommendation.

On motion of Mr. Swain, this recommendation was approved.

MEETINGS OF BOARD COMMITTEES

Meetings of the Committee on General Policy and Committee on Buildings and Grounds were held in the afternoon following adjournment of the Board.

On motion of Mr. Williamson, the Board adjourned.

A. J. JANATA
Secretary

HOWARD W. CLEMENT
President

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APPENDIX

UNIVERSITY OF ILLINOIS INTERNAL BUDGET FOR 1962-63

(Approved by the Board of Trustees June 20, 1962, page 1500)

EXPLANATORY NOTES

This budget consists of three volumes:

- I. Summaries of all divisions; Urbana-Champaign divisions and general University administration — academic and administrative salaries, wages, expense, and equipment.
- II. Chicago Medical Center (including Division of Services for Crippled Children), and Chicago Undergraduate Division — academic and administrative salaries, wages, expense, and equipment.
- III. Nonacademic salaries, all divisions.

Appropriations for salaries are available for the term indicated in each case but not for more than one year from September 1, 1962.

When appointments are made at salary rates less than the amounts provided in the budget, the unused balance is lapsed at that time, resulting in a reduction in the budget.

Funds appropriated for positions in the salary budget which are not yet filled may be used to hire employees temporarily engaged to do the work contemplated by the position upon proper authorization of the Bursar, Chicago Business Office, or Office of Nonacademic Personnel, so long as such temporary charges do not exceed the amount of time provided by the position.

All unexpended balances remaining in the salary budget lapse at the close of each calendar month unless previously assigned or encumbered. Such lapses do not result in a reduction in the budget.

Departmental appropriations are made under the captions "Salaries" and "Wages, Expense, and Equipment." Transfers may be made between "Salaries" and "Wages, Expense, and Equipment" upon approval of the Executive Vice-President and Provost, except that transfers between salaries and wages may be made by the Vice-President and Comptroller to the extent of the full-time equivalence of the salary positions. All requests for transfers should be submitted through the Vice-President and Comptroller, with the reason for the transfer. Nonrecurring unassigned items may be assigned to departments for equipment or minor remodeling projects, merely upon notice to the Accounting Division, except that any assignment of more than \$1,000 must first be approved by the Executive Vice-President and Provost.

Appropriations for expense, equipment, and wages are available for one year beginning July 1, 1962. All balances and overdrafts in regular appropriations will be carried forward to 1963-64 unless otherwise notified by the Business Office.

All budgets of auxiliary enterprises, cooperative investigations, other trust funds and restricted budgets are on an estimated basis. Appropriations are limited to actual income, but any balances or receipts in excess of the estimate are appropriated for the operation of the activity. Salary appointments may be canceled if the funds for cooperative investigations are withdrawn.

Explanatory Notes on the Salary Budget

1. The services required for members of the academic and administrative staff are in accordance with Section 37 of the University of Illinois Statutes and Section 26 of the General Rules Concerning University Organization and Procedure.

a. For positions or portion of positions indicated as "Y," services are required for twelve months, with one month for vacation. No additional compensation is allowed for summer services for any salary or portion of salary indicated as "Y."

b. For positions or portion of positions in the academic budget not indicated as "Y," services are required only during the academic year of two semesters (three terms at the Medical Center). Summer session teaching, if required, will be covered by an additional appointment with salary.

2. Services of the nonacademic staff are in accordance with Civil Service regulations. All positions are for twelve months' service, less vacation, unless otherwise indicated.

Tenure Symbols (a number following indicates percentage of time)

- A — Indefinite tenure, payable in twelve monthly installments.
- B — Two years from September, 1961, payable in twelve installments annually (with changes effective September, 1962).
- D — One year, payable in twelve installments from September 1, 1962.
- E — The academic year 1962-63, payable during nine months from September 16.
- F — One year from effective date indicated (other than September 1).
- G — For the period indicated (less than one year and not on "Y" status).
- Y — Indicates that services are required throughout the year, except for allowable vacation, without additional compensation.
- N — In accordance with Civil Service regulations, effective July 1, 1962, with payments on a monthly basis.
- NS — Same as N, except work week is five and one-half days.
- H — Same as N, but with payments on an hourly basis. Amount indicated is estimated annual salary based on normal number of hours.
- P — Same as H, but at prevailing rates.
- Z — Indicates person's name appears in two or more budgets.
- R — On retirement annuity from University Retirement System.
- RA — Receiving retiring allowance from the University (old system).

In the College of Agriculture, additional symbols are used to designate fund, as explained in the Agriculture Summary. In Engineering, "C" and "S" indicate College and Station.

Perquisite Designation

Perquisites University — Perquisites for the convenience of the University.

Perquisites Employee — Perquisites for the convenience of the employee.

M — Meal, or MM for two meals.

R — Room

Dollar amounts do not include any perquisites for the convenience of the University.

COMPARATIVE SUMMARY OF INCOME AND APPROPRIATIONS

	1961-62 <i>Revised</i>	1962-63 <i>Proposed</i>	
<i>Estimated Income</i>			
General.....	\$ 70 978 000	\$ 73 678 000	
Restricted.....	42 113 231	45 039 410	
<i>Total, Estimated Income.....</i>	<i>\$113 091 231</i>	<i>\$118 717 410</i>	
<i>Appropriations by Board of Trustees</i>			
From General Income.....	\$ 70 655 714	\$ 73 619 021	
From Restricted Income.....	42 113 231	45 039 410	
<i>Total, Appropriations.....</i>	<i>\$112 768 945</i>	<i>\$118 658 431</i>	
<i>Unappropriated Balance from General Income.....</i>	<i>\$ 322 286</i>	<i>\$ 58 979</i>	
<i>Income by Source</i>	<i>Proposed</i>	<i>1962-63</i>	<i>Per Cent</i>
State Appropriations.....	\$ 66 346 500		55.9
Federal Appropriations.....	3 865 526		3.2
Student Fees.....	4 350 000		3.7
Sales and Services.....	4 403 562		3.7
Endowments, Contracts, and Gifts.....	20 771 685		17.5
<i>Total, Educational and General.....</i>	<i>(99 737 273)</i>		<i>(84.0)</i>
Auxiliary Enterprises.....	17 086 637		14.4
Student Aid and Noneducational.....	1 893 500		1.6
<i>Total, Income.....</i>	<i>\$118 717 410</i>		<i>100.0</i>
<i>Appropriations by Function</i>			
Administration and General.....	\$ 7 512 968		6.3
Security Benefits.....	2 650 593		2.2
Instruction and Departmental Research.....	33 786 486		28.5
Activities Relating to Instruction.....	7 728 790		6.5
Organized Research.....	23 865 599		20.1
Extension and Public Services.....	11 209 828		9.5
Libraries.....	2 444 977		2.1
Physical Plant.....	10 114 953		8.5
<i>Total, Educational and General.....</i>	<i>(99 314 194)</i>		<i>(83.7)</i>

	<i>Proposed 1962-63</i>	<i>Per Cent</i>
Auxiliary Enterprises.....	17 086 637	14.4
Student Aid and Noneducational.....	2 257 600	1.9
<i>Total, Appropriations</i>	<i>\$118 658 431</i>	<i>100.0</i>
<i>Appropriations by Location</i>		
Urbana-Champaign (includes state-wide services).....	\$ 88 222 532	74.3
Chicago Medical Center (includes Crippled Children).....	24 808 918	20.9
Chicago Undergraduate Division.....	5 626 981	4.8
<i>Total, Appropriations</i>	<i>\$118 658 431</i>	<i>100.0</i>

SUMMARY OF CHANGES IN APPROPRIATIONS FROM GENERAL FUNDS

	<i>Revised Budget 1961-62</i>	<i>Increase</i>	<i>Proposed Budget 1962-63</i>
<i>Urbana-Champaign</i>			
Agriculture.....	\$6 833 396	\$ 309 822	\$7 143 218
Commerce and Business Administration....	1 726 970	95 615	1 822 585
Education.....	1 678 365	82 194	1 760 559
Engineering.....	5 147 067	226 908	5 373 975
Fine and Applied Arts.....	2 215 825	119 580	2 335 405
Graduate College.....	1 106 849	33 842	1 140 691
Journalism and Communications.....	664 943	26 038	690 981
Law.....	346 220	15 950	362 170
Liberal Arts and Sciences.....	8 619 865	569 885	9 189 750
Physical Education.....	897 733	83 475	981 208
University Extension.....	720 974	39 988	760 962
Veterinary Medicine.....	574 076	31 165	605 241
Armed Forces.....	35 980	1 120	37 100
Aviation.....	449 660	18 970	468 630
Government and Public Affairs.....	79 320	14 580	93 900
Labor and Industrial Relations.....	301 255	390	301 645
Social Work.....	168 175	4 330	172 505
Summer Session.....	1 043 168	-98 048	945 120
University Press.....	117 120	5 210	122 330
Library and Library School.....	2 141 252	81 620	2 222 872
Physical Plant.....	5 695 902	316 738	6 012 640
Administration and General.....	6 861 886	328 945	7 190 831
<i>Total, Urbana-Champaign</i>	<i>(47 426 001)</i>	<i>(2 308 317)</i>	<i>(49 734 318)</i>
<i>Medical Center</i>			
Medicine.....	3 933 785	158 372	4 092 157
Dentistry.....	971 903	38 235	1 010 138
Pharmacy.....	587 318	22 485	609 803
Graduate College.....	48 800	230	49 030
Nursing.....	199 990	22 670	222 660
Crippled Children.....	1 765 090	13 090	1 778 180
Physical Education.....	25 865	-925	24 940
Aeromedical Laboratory.....	99 907	2 220	102 127
Research and Educational Hospitals.....	6 639 924	169 006	6 808 930
Library.....	149 465	3 400	152 865
Physical Plant.....	3 042 667	8 246	3 050 913
Administration and General.....	955 736	24 532	980 268
<i>Total, Medical Center</i>	<i>(18 420 450)</i>	<i>(461 561)</i>	<i>(18 882 011)</i>
<i>Chicago Undergraduate Division</i>			
Academic Divisions.....	2 766 773	106 986	2 873 759
Library.....	196 710	5 600	202 310
Physical Plant.....	1 017 314	1 866	1 019 180
Administration and General.....	728 466	78 977	807 443
<i>Total, Chicago Undergraduate Division</i>	<i>(4 709 263)</i>	<i>(193 429)</i>	<i>(4 902 692)</i>
<i>Refunds and Reappropriations</i>	<i>100 000</i>		<i>100 000</i>
<i>Unappropriated</i>	<i>322 286</i>	<i>-263 307</i>	<i>58 979</i>
<i>Total, Entire University</i>	<i>\$70 978 000</i>	<i>\$2 700 000</i>	<i>\$73 678 000</i>

**SUMMARY OF SALARY POSITIONS, WITH CHANGES FROM 1961-62
GENERAL FUNDS ONLY**

	<i>Academic Staff</i>		<i>Nonacademic Staff</i>	
	<i>Full-Time Equivalent 1962-63</i>	<i>Change from 1961-62</i>	<i>Full-Time Equivalent 1962-63</i>	<i>Change from 1961-62</i>
<i>Urbana-Champaign</i>				
Agriculture.....	465.62	3.45	466.69	.00
Commerce and Business Administration.....	172.25	2.18	30.50	.00
Education.....	149.65	3.54	41.00	.00
Engineering.....	414.99	3.67	155.75	3.00
Fine and Applied Arts.....	217.42	4.00	32.00	2.00
Graduate College.....	62.03	2.00	31.92	.00
Journalism and Communications.....	33.33	.40	38.85	.10
Law.....	20.13	.00	7.00	.00
Liberal Arts and Sciences.....	1,012.96	33.47	158.26	9.50
Physical Education.....	95.45	3.53	31.37	4.50
University Extension.....	24.21	1.00	24.80	1.00
Veterinary Medicine.....	36.67	.80	27.87	.00
Armed Forces.....	.30	.00	7.00	.00
Aviation.....	20.00	.00	25.00	1.00
Government and Public Affairs.....	7.27	1.00	2.50	.00
Labor and Industrial Relations.....	21.63	.05	9.50	-1.00
Social Work.....	11.50	.00	4.50	.00
University Press.....	8.00	.00	6.50	.00
Library and Library School.....	139.50	2.50	122.25	3.50
Physical Plant.....	8.00	.00	47.41	3.00
Administration and General.....	114.67	2.03	400.00	19.15
<i>Total, Urbana-Champaign.....</i>	<i>(3,035.58)</i>	<i>(63.62)</i>	<i>(1,670.67)</i>	<i>(45.75)</i>
<i>Medical Center</i>				
Medicine.....	237.77	.84	141.52	.00
Dentistry.....	57.86	.41	57.93	.40
Pharmacy.....	53.20	-.05	19.00	.00
Graduate College.....	.10	.00	1.00	.00
Nursing.....	24.00	2.00	4.00	.00
Crippled Children.....	2.00	1.00	49.00	.00
Physical Education.....	1.00	.00	1.50	-.50
Aeromedical Laboratory.....	4.00	.00	6.00	.00
Research and Educational Hospitals.....	4.67	.00	713.00	5.00
Library.....	7.00	.00	8.00	.00
Physical Plant.....	1.00	.00	38.80	.00
Administration and General.....	15.90	.00	99.36	1.00
<i>Total, Medical Center.....</i>	<i>(408.50)</i>	<i>(4.20)</i>	<i>(1,139.11)</i>	<i>(5.90)</i>
<i>Chicago Undergraduate Division</i>				
Academic Divisions.....	306.87	-.22	38.88	4.00
Library.....	12.00	.00	14.00	.00
Physical Plant.....	.00	.00	7.88	.00
Administration and General.....	28.52	1.44	57.06	5.00
<i>Total, Chicago Undergraduate Division.....</i>	<i>(347.39)</i>	<i>(1.22)</i>	<i>(117.82)</i>	<i>(9.00)</i>
<i>Total, Entire University.....</i>	<i>3,791.47</i>	<i>69.04</i>	<i>2,927.60¹</i>	<i>60.65</i>

ESTIMATED INCOME

<i>Education and General Public Appropriations</i>	<i>General Income</i>	<i>Restricted Income</i>	<i>Total</i>
State			
For Current Operations.....	\$66 150 000	.....	\$66 150 000
For Institution for Tuberculosis Research.....	.....	\$ 86 500	86 500
For Police Training Institute.....	.....	50 000	50 000
Vocational Education.....	60 000	.....	60 000
<i>Total, State.....</i>	<i>(66 210 000)</i>	<i>(136 500)</i>	<i>(66 346 500)</i>

¹ Not including approximately 1,500 persons paid from wages.

	<i>General Income</i>	<i>Restricted Income</i>	<i>Total</i>
Federal			
Morrill-Nelson, Bankhead-Jones Acts	340 833	.....	340 833
Hatch Acts.....	.....	775 076	775 076
Regional Research Act.....	.....	139 275	139 275
Agricultural Marketing Act Title II..	.....	6 150	6 150
Research and Marketing Extension Act	.....	28 900	28 900
Smith-Lever.....	.....	1 787 074	1 787 074
Social Security Act — Services for Crippled Children.....	.....	788 218	788 218
<i>Total, Federal.....</i>	<i>(340 833)</i>	<i>(3 524 693)</i>	<i>(3 865 526)</i>
Fees			
Student Fees.....	4 870 649	.....	4 870 649
Less Fees for Housing.....	-820 649	.....	-820 649
Net Student Fees.....	(4 050 000)	.....	(4 050 000)
Extension Fees.....	300 000	.....	300 000
<i>Total, Fees.....</i>	<i>(4 350 000)</i>	.....	<i>(4 350 000)</i>
Sales and Service of Educational Departments and Miscellaneous Current Income			
Research and Educational Hospitals...	1 100 000	156 420	1 256 420
Dentistry.....	.....	134 800	134 800
Aviation.....	.....	379 980	379 980
Agriculture.....	130 500	513 500	644 000
Commerce and Business Administration	.....	58 140	58 140
Education.....	.....	52 980	52 980
Veterinary Medicine.....	.....	72 250	72 250
University Press.....	.....	305 460	305 460
University Extension.....	.....	615 430	615 430
Investment Income.....	300 000	.....	300 000
All Other.....	246 667	337 435	584 102
<i>Total, Sales and Service of Educa- tional Departments and Miscel- laneous Current Income.....</i>	<i>(1 777 167)</i>	<i>(2 626 395)</i>	<i>(4 403 562)</i>
Trust Income for Educational Purposes			
Endowment Income.....	.....	141 200	141 200
Gifts from Private Sources, Urbana...	75 000	2 806 000	2 881 000
Gifts from Private Sources, Chicago...	25 000	723 000	748 000
United States Contracts.....	.....	13 457 400	13 457 400
State Contracts.....	.....	830 500	830 500
Indirect Costs, Urbana.....	600 000	1 718 550	2 318 550
Indirect Costs, Chicago.....	200 000	195 035	395 035
<i>Total, Trust Income for Educational Purposes.....</i>	<i>(900 000)</i>	<i>(19 871 685)</i>	<i>(20 771 685)</i>
<i>Total, Educational and General....</i>	<i>(73 578 000)</i>	<i>(26 159 273)</i>	<i>(99 737 273)</i>
Auxiliary Enterprises and Activities			
Income from Operations.....	.....	17 086 637	17 086 637
Student Aid			
Endowment Income.....	.....	103 500	103 500
Gifts.....	.....	785 000	785 000
United States Contracts.....	.....	825 000	825 000
Indirect Costs.....	.....	80 000	80 000
<i>Total, Student Aid.....</i>	.....	<i>(1 793 500)</i>	<i>(1 793 500)</i>
Refunds and Reappropriations.....	100 000	.....	100 000
<i>Grand Total, Estimated Income....</i>	<i>\$73 678 000</i>	<i>\$45 039 410</i>	<i>\$118 717 410</i>

APPROPRIATIONS

	<i>General</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration and General			
Urbana-Champaign.....	\$3 383 339	\$3 792 868	\$7 176 207
Chicago Medical Center.....	1 357 706	232 365	1 590 071
Chicago Undergraduate Division.....	644 998	162 445	807 443
<i>Total, Administration and General..</i>	<i>(5 386 043)</i>	<i>(4 187 678)</i>	<i>(9 573 721)</i>

General (Concluded)		<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Instruction</i>	<i>Salaries</i>		
Urbana-Champaign	22 033 981	2 289 629	24 323 610
Chicago Medical Center	4 903 089	455 836	5 358 925
Chicago Undergraduate Division	2 708 849	164 910	2 873 759
<i>Total, Instruction</i>	(29 645 919)	(2 910 375)	(32 556 294)
<i>Organized Activities Relating to Instruction</i>			
Urbana-Champaign	186 550	16 360	202 910
Chicago Medical Center	3 609 404	3 199 526	6 808 930
<i>Total, Organized Activities Relating to Instruction</i>	(3 795 954)	(3 215 886)	(7 011 840)
<i>Organized Research</i>			
Urbana-Champaign	4 886 628	1 020 075	5 906 703
Chicago Medical Center	82 247	39 880	122 127
<i>Total, Organized Research</i>	(4 968 875)	(1 059 955)	(6 028 830)
<i>Extension and Public Services</i>			
Urbana-Champaign	3 166 721	521 725	3 688 446
Chicago Medical Center	391 860	1 386 320	1 778 180
<i>Total, Extension and Public Services</i>	(3 558 581)	(1 908 045)	(5 466 626)
<i>Libraries</i>			
Urbana-Champaign	1 350 145	729 557	2 079 702
Chicago Medical Center	94 490	58 375	152 865
Chicago Undergraduate Division	158 110	44 200	202 310
<i>Total, Libraries</i>	(1 602 745)	(832 132)	(2 434 877)
<i>Physical Plant</i>			
Urbana-Champaign	436 452	5 576 188	6 012 640
Chicago Medical Center	302 746	2 748 167	3 050 913
Chicago Undergraduate Division	59 562	959 618	1 019 180
<i>Total, Physical Plant</i>	(798 760)	(9 283 973)	(10 082 733)
<i>Student Aid</i>			
Urbana-Champaign		306 100	306 100
Chicago Medical Center		20 000	20 000
<i>Total, Student Aid</i>		(326 100)	(326 100)
<i>Unclassified</i>			
Nonacademic Balances	38 000		38 000
Refunds and Reappropriations		100 000	100 000
<i>Total, Unclassified</i>	(38 000)	(100 000)	(138 000)
<i>Total, General</i>	\$49 794 877	\$23 824 144	\$73 619 021
Restricted		<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Administration and General</i>	<i>Salaries</i>		
Urbana-Champaign	\$ 293 003	\$ 228 302	\$ 521 305
Chicago Medical Center	44 745	23 790	68 535
<i>Total, Administration and General</i>	(337 748)	(252 092)	(589 840)
<i>Instruction</i>			
Urbana-Champaign	341 820	303 000	644 820
Chicago Medical Center	285 872	299 500	585 372
<i>Total, Instruction</i>	(627 692)	(602 500)	(1 230 192)
<i>Organized Activities Relating to Instruction</i>			
Urbana-Champaign	123 030	437 500	560 530
Chicago Medical Center	30 420	126 000	156 420
<i>Total, Organized Activities Relating to Instruction</i>	(153 450)	(563 500)	(716 950)
<i>Organized Research</i>			
Urbana-Champaign	8 457 002	6 499 267	14 956 269
Chicago Medical Center	1 705 326	1 175 174	2 880 500
<i>Total, Organized Research</i>	(10 162 328)	(7 674 441)	(17 836 769)

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Extension and Public Services</i>			
Urbana-Champaign.....	2 231 631	2 538 553	4 770 184
Chicago Medical Center.....	347 955	625 063	973 018
<i>Total, Extension and Public Services</i>	(2 579 586)	(3 163 616)	(5 743 202)
<i>Libraries</i>			
Urbana-Champaign.....	3 600	6 500	10 100
<i>Physical Plant</i>			
Urbana-Champaign.....	.....	32 220	32 220
<i>Auxiliary Enterprises</i>			
Urbana-Champaign.....	1 012 774	14 175 012	15 187 786
Chicago Medical Center.....	66 024	1 108 538	1 174 562
Chicago Undergraduate Division.....	121 654	602 635	724 289
<i>Total, Auxiliary Enterprises</i>	(1 200 452)	(15 886 185)	(17 086 637)
<i>Student Aid</i>			
Urbana-Champaign.....	12 000	1 693 000	1 705 000
Chicago Medical Center.....	7 000	81 500	88 500
<i>Total, Student Aid</i>	(19 000)	(1 774 500)	(1 793 500)
<i>Total, Restricted</i>	\$15 083 856	\$29 955 554	\$45 039 410
<i>GRAND TOTAL</i>	\$64 878 733	\$53 779 698	\$118 658 431

URBANA-CHAMPAIGN

APPROPRIATIONS

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>General</i>			
<i>Administration and General</i>			
Administrative Offices.....	\$1 641 056	\$ 396 230	\$2 037 286
Student Services.....	1 089 725	178 525	1 268 250
General University Services.....	537 545	536 913	1 074 458
Security Benefits.....	22 693	2 627 900	2 650 593
Physical Education.....	92 320	53 300	145 620
<i>Total, Administration and General</i>	(3 383 339)	(3 792 868)	(7 176 207)
<i>Instruction</i>			
Instructional Television.....	45 924	37 650	83 574
Agriculture.....	1 368 172	243 340	1 611 512
Commerce and Business Administration...	1 549 690	85 370	1 635 060
Education.....	1 122 525	151 634	1 274 159
Engineering.....	4 004 016	344 160	4 348 176
Fine and Applied Arts.....	1 991 105	171 920	2 163 025
Graduate College.....	122 910	21 420	144 330
Journalism and Communications.....	248 710	19 900	268 610
Law.....	341 170	16 400	357 570
Liberal Arts and Sciences.....	8 313 150	876 600	9 189 750
Physical Education.....	750 568	85 020	835 588
University Extension.....	28 830	33 200	62 030
Veterinary Medicine.....	533 981	49 720	583 701
Armed Forces.....	26 040	11 060	37 100
Aviation.....	378 035	90 595	468 630
Social Work.....	153 455	19 050	172 505
Summer Session.....	920 000	25 120	945 120
Library and Library School.....	135 700	7 470	143 170
<i>Total, Instruction</i>	(22 033 981)	(2 289 629)	(24 323 610)
<i>Organized Activities Relating to Instruction</i>			
Education.....	186 550	16 360	202 910
<i>Organized Research</i>			
Agriculture.....	2 653 306	571 665	3 224 971
Commerce and Business Administration..	95 850	20 000	115 850
Education.....	217 560	16 010	233 570
Engineering.....	876 999	148 800	1 025 799
Fine and Applied Arts.....	74 320	8 800	83 120

General (Concluded)		<i>Wages, Ex- pense, and Equipment</i>	
	<i>Salaries</i>		<i>Total</i>
Graduate College.....	523 711	210 150	733 861
Journalism and Communications.....	69 117	3 330	72 447
Veterinary Medicine.....	13 500	8 040	21 540
Government and Public Affairs.....	83 370	10 530	93 900
Labor and Industrial Relations.....	278 895	22 750	301 645
<i>Total, Organized Research.....</i>	<i>(4 886 628)</i>	<i>(1 020 075)</i>	<i>(5 906 703)</i>
<i>Extension and Public Services</i>			
Administration and General.....	7 650	3 020	10 670
Agriculture.....	2 273 340	33 395	2 306 735
Commerce and Business Administration...	62 675	9 000	71 675
Education.....	46 670	3 250	49 920
Fine and Applied Arts.....	72 130	6 130	78 260
Journalism and Communications.....	237 874	112 050	349 924
University Extension.....	353 002	345 930	698 932
University Press.....	113 380	8 950	122 330
<i>Total, Extension and Public Services</i>	<i>(3 166 721)</i>	<i>(521 725)</i>	<i>(3 688 446)</i>
<i>Libraries</i>			
Library and Library School.....	1 350 145	729 557	2 079 702
<i>Physical Plant.....</i>	<i>436 452</i>	<i>5 576 188</i>	<i>6 012 640</i>
<i>Student Aid</i>			
Administration and General.....		28 000	28 000
Fine and Applied Arts.....		11 000	11 000
Graduate College.....		262 500	262 500
Law.....		4 600	4 600
<i>Total, Student Aid.....</i>		<i>(306 100)</i>	<i>(306 100)</i>
<i>Unclassified</i>			
Administration and General.....	38 000		38 000
<i>Total, General.....</i>	<i>\$35 481 816</i>	<i>\$14 252 502</i>	<i>\$49 734 318</i>

Restricted		<i>Wages, Ex- pense, and Equipment</i>	
	<i>Salaries</i>		<i>Total</i>
<i>Administration and General.....</i>	<i>\$293 003</i>	<i>\$228 302</i>	<i>\$521 305</i>
<i>Instruction</i>			
Agriculture.....	8 000	8 000	16 000
Commerce and Business Administration...	31 000	5 200	36 200
Education.....	34 000	11 000	45 000
Engineering.....	47 000	137 000	184 000
Fine and Applied Arts.....	8 500	14 000	22 500
Graduate College.....	5 000	13 000	18 000
Journalism and Communications.....	36 000	4 000	40 000
Liberal Arts and Sciences.....	113 500	43 000	156 500
Physical Education.....		10 200	10 200
University Extension.....	1 700	1 700	3 400
Veterinary Medicine.....		14 500	14 500
Armed Forces.....		1 900	1 900
Aviation.....	3 000	5 000	8 000
Government and Public Affairs.....	5 000	5 000	10 000
Social Work.....	38 000	9 000	47 000
Summer Session.....	5 000	6 000	11 000
Library and Library School.....	6 120	14 500	20 620
<i>Total, Instruction.....</i>	<i>(341 820)</i>	<i>(303 000)</i>	<i>(644 820)</i>
<i>Organized Activities Relating to Instruction</i>			
Agriculture.....	19 800	62 500	82 300
Education.....	17 000	7 500	24 500
Veterinary Medicine.....	14 250	58 000	72 250
Aviation.....	71 980	309 500	381 480
<i>Total, Organized Activities Relating to Instruction.....</i>	<i>(123 030)</i>	<i>(437 500)</i>	<i>(560 530)</i>

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Organized Research</i>			
Agriculture.....	1 172 134	1 099 567	2 271 701
Commerce and Business Administration...	92 000	30 500	122 500
Education.....	453 000	207 000	660 000
Engineering.....	4 116 068	2 577 800	6 693 868
Fine and Applied Arts.....	40 900	14 300	55 200
Graduate College.....	821 000	989 000	1 810 000
Journalism and Communications.....	89 000	47 500	136 500
Liberal Arts and Sciences.....	1 538 000	1 435 500	2 973 500
Physical Education.....	9 000	6 000	15 000
Veterinary Medicine.....	78 400	62 100	140 500
Government and Public Affairs.....	10 000	10 000	20 000
Labor and Industrial Relations.....	1 000	6 500	7 500
Social Work.....	24 500	10 500	35 000
Library and Library School.....	12 000	3 000	15 000
<i>Total, Organized Research</i>	(8 457 002)	(6 499 267)	(14 956 269)
<i>Extension and Public Services</i>			
Administration and General.....	39 620	27 380	67 000
Agriculture.....	1 777 971	1 198 503	2 976 474
Commerce and Business Administration...	4 440	68 000	72 440
Education.....	7 410	31 070	38 480
Engineering.....	5 900	100	6 000
Fine and Applied Arts.....	3 300	22 800	26 100
Journalism and Communications.....	23 000	42 000	65 000
Law.....	.....	13 000	13 000
Physical Education.....	.....	3 800	3 800
University Extension.....	112 230	555 200	667 430
Veterinary Medicine.....	4 500	1 500	6 000
Government and Public Affairs.....	800	200	1 000
University Press.....	20 460	297 000	317 460
International Cooperation.....	232 000	278 000	510 000
<i>Total, Extension and Public Services</i>	(2 231 631)	(2 538 553)	(4 770 184)
<i>Libraries</i>			
Library and Library School.....	3 600	6 500	10 100
<i>Auxiliary Enterprises</i>			
Administration and General.....	252 426	850 500	1 102 926
Agriculture.....	5 340	48 000	53 340
Engineering.....	.....	10 000	10 000
University Extension.....	55 380	91 000	146 380
Physical Plant.....	389 368	9 460 833	9 850 201
Physical Plant.....	310 260	3 714 679	4 024 939
<i>Total, Auxiliary Enterprises</i>	(1 012 774)	(14 175 012)	(15 187 786)
<i>Student Aid</i>			
Gifts and Endowments.....	12 000	1 693 000	1 705 000
<i>Unclassified</i>			
Physical Plant.....	.....	32 220	32 220
<i>Total, Restricted</i>	\$12 474 860	\$25 913 354	\$38 388 214

ADMINISTRATION AND GENERAL

	<i>General</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>General Administrative Offices</i>			
Board of Trustees.....	\$ 29 590	\$ 28 000	\$ 57 590
President's Office.....	190 215	33 300	223 515
Provost's Office.....	81 850	9 630	91 480
Committee on Community Problems...	.....	6 300	6 300
<i>Business Office</i>			
Comptroller.....	71 880	18 100	89 980
Accounting.....	135 300	23 500	158 800

General (Concluded)		Wages, Ex- pense, and Equipment	Total
	Salaries		
Auditing.....	89 740	10 950	100 690
Bursar.....	147 900	39 400	187 300
Purchasing.....	171 896	20 800	192 696
<i>Total, Business Office.....</i>	<i>(918 371)</i>	<i>(189 980)</i>	<i>(1 108 351)</i>
Admissions and Records.....	439 640	144 450	584 090
College Days.....	.....	6 300	6 300
Legal Counsel.....	89 830	13 400	103 230
Stenographic Expense.....	.....	1 800	1 800
Nonacademic Personnel			
Central Office.....	18 900	5 000	23 900
Urbana Office.....	104 840	14 400	119 240
Public Information.....	69 475	20 900	90 375
<i>Total, General Administrative Offices.....</i>	<i>(1 641 056)</i>	<i>(396 230)</i>	<i>(2 037 286)</i>
<i>General Student Services</i>			
Dean of Students			
General.....	111 240	15 575	126 815
Freshman Week.....	.....	6 425	6 425
Student Activity.....	.....	1 450	1 450
Student Employment.....	.....	6 800	6 800
Dean of Men.....	59 840	16 370	76 210
Dean of Women.....	91 380	14 380	105 760
Housing Division.....	45 390	6 215	51 605
Coordinating Placement Office.....	41 270	8 650	49 920
Security Office.....	67 590	22 170	89 760
<i>Total, Dean of Students.....</i>	<i>(416 710)</i>	<i>(98 035)</i>	<i>(514 745)</i>
Health Service.....	443 130	52 220	495 350
Provost's Office			
Student Counseling Service.....	229 885	28 270	258 155
<i>Total, General Student Services.....</i>	<i>(1 089 725)</i>	<i>(178 525)</i>	<i>(1 268 250)</i>
<i>General University Service</i>			
Provost's Office			
Instructional Research.....	41 960	15 000	56 960
Bureau of Institutional Research.....	57 400	9 000	66 400
Statistical Service Unit.....	269 960	152 578	422 538
Committee on Student English.....	16 680	2 200	18 880
Space Committee.....	45 760	7 500	53 260
University Honors Programs.....	45 035	11 000	56 035
<i>Total, Provost's Office.....</i>	<i>(476 795)</i>	<i>(197 278)</i>	<i>(674 073)</i>
Alumni Relations and Records.....	39 480	40 850	80 330
University of Illinois Foundation.....	.....	80 100	80 100
Audit of University Accounts.....	.....	22 300	22 300
Citizens Committee.....	.....	7 300	7 300
Commencement.....	.....	23 000	23 000
Comptroller's Office			
Safety Coordinator.....	21 270	2 000	23 270
General Publications.....	.....	85 000	85 000
General University Lectures.....	.....	9 000	9 000
Honors Day.....	.....	2 850	2 850
Incidental and Emergency.....	.....	5 000	5 000
Memberships in Organizations.....	.....	10 235	10 235
Public Functions.....	.....	52 000	52 000
<i>Total, General University Service.....</i>	<i>(537 545)</i>	<i>(536 913)</i>	<i>(1 074 458)</i>
<i>Security Benefits</i>			
University Retirement System.....	.....	2 561 400	2 561 400
Retiring Allowances.....	14 393	.....	14 393
Accident Compensation.....	8 300	60 000	68 300
Death and Disability Benefits.....	.....	6 500	6 500
<i>Total, Security Benefits.....</i>	<i>(22 693)</i>	<i>(2 627 900)</i>	<i>(2 650 593)</i>
<i>Instruction</i>			
Provost's Office			
Instructional Television.....	45 924	37 650	83 574

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Extension and Public Services</i>			
Committee on Robert Allerton Park.....	7 650	3 020	10 670
<i>Student Aid</i>			
Student Loans Matching Funds.....		28 000	28 000
<i>Unclassified</i>			
Nonacademic Free Budget Balances.....	38 000		38 000
<i>Total, General</i>	\$3 382 593	\$3 808 238	\$7 190 831

Restricted

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Administration and General</i>			
Chartered Traveling Revolving.....		\$ 15 000	\$ 15 000
Veterans Books and Supplies Revolving...		500	500
Air Force Basic Uniform Cleaning Revolving.....		5 000	5 000
Air Force Uniform Commutation Revolving	\$ 4 800	50 000	54 800
Military Clothing and Equipment Revolving.....		4 000	4 000
Military Uniforms Revolving.....		20 000	20 000
Accountancy Committee Revolving.....	17 975	47 200	65 175
Estimated Indirect costs.....	269 028	61 802	330 830
Estimated Private Gifts.....	1 000	24 000	25 000
Estimated United States Contracts.....	200	800	1 000
<i>Total, Administration and General</i> ...	(293 003)	(228 302)	(521 305)
<i>Extension and Public Services</i>			
Estimated Endowment Income.....	39 620	27 380	67 000
<i>Auxiliary Enterprises</i>			
Hospital Insurance Administration.....	22 920	810 000	832 920
McKinley Hospital.....	229 506	40 500	270 006
<i>Total, Auxiliary Enterprises</i>	(252 426)	(850 500)	(1 102 926)
<i>Total, Restricted</i>	\$585 049	\$1 106 182	\$1 691 231

Board of Trustees

Account Number 00-10-01-000		
1. A. J. Janata, Secretary.....	ZDY50	\$ 11 350
(Total Salary)		(22 700)
2. H. E. Cunningham, Secretary, <i>Emeritus</i>	ZR	.....
Nonacademic Salaries		18 240
<i>Total, Salaries</i>		(29 590)
Wages		500
Expense		27 000
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(28 000)
<i>Total, Board of Trustees</i>		\$ 57 590

Indirect Costs — Board of Trustees

Account Number 40-10-01-000	
Expense	\$ 5 000
<i>Total, Indirect Costs — Board of Trustees</i>	\$ 5 000

President's Office

Account Number 00-10-02-000		
1. David D. Henry, President.....	Y	\$ 36 000
(Perquisites University — house and car)		
2. Lloyd Morey, President, <i>Emeritus</i>	ZR	.....
3. A. J. Janata, Executive Assistant to the President....	ZDY50	11 350
(Total Salary)		(22 700)
4. Charles E. Flynn, Assistant to the President.....	ZDY75	14 775
(Total Salary)		(19 700)
5. George H. Bargh, Administrative Assistant.....	ZDY	11 800

6. Earl W. Porter, Assistant to the President, Reports and Special Projects	DY	12 000
7. W. H. Rice, Administrative Assistant, Legislative Relations	DY	14 500
8. Eunice C. Parker, Research Associate	DY70	7 500
Nonacademic Salaries		82 290
<i>Total, Salaries</i>		(190 215)
Wages		6 300
Expense		25 000
Equipment		2 000
<i>Total, Wages, Expense, and Equipment</i>		(33 300)
<i>Total, President's Office</i>		\$223 515

Indirect Costs — President's Office

Account Number 40-10-02-000		
Nonacademic Salaries		\$ 3 120
<i>Total, Salaries</i>		(3 120)
Wages		4 200
Expense		14 400
<i>Total, Wages, Expense, and Equipment</i>		(18 600)
<i>Total, Indirect Costs — President's Office</i>		\$ 21 720

Executive Vice-President and Provost's Office

Account Number 00-10-04-000		
1. Lyle H. Lanier, Executive Vice-President and Provost	ZBY	\$ 28 500
2. Henning Larsen, Vice-President and Provost, <i>Emeritus</i>	ZR	.....
3. Royden Dangerfield, Associate Provost, Dean of Administration, and Director of International Programs	ZBY	22 700
Nonacademic Salaries		30 650
<i>Total, Salaries</i>		(81 850)
Wages		530
Expense		8 000
Expense, Community Problems		6 300
Convention Travel		500
Nonrecurring Unassigned		(35 000)
Equipment		600
<i>Total, Wages, Expense, and Equipment</i>		(15 930)
<i>Total, Executive Vice-President and Provost's Office</i>		\$ 97 780

Office of Community Development

Account Number 44-10-04-028		
FORD FOUNDATION — COMMUNITY DEVELOPMENT		
1. James G. Coke, Director	ZDY	\$ 14 000
2. Herbert Gamberg, Assistant Professor of Sociology	ZBY	8 500
3. Nason E. Hall, Jr., Assistant Professor of Sociology	ZBY	8 500
4. Everett G. Smith, Jr., Assistant Professor of Geography	ZBY	8 500
<i>Total, Office of Community Development</i>		\$ 39 500

Vice-President and Comptroller's Office

Account Number 00-10-06-000		
1. Herbert O. Farber, Vice-President and Comptroller	DY	\$ 24 500
(Includes service to Retirement System)		
2. Morris S. Kessler, Assistant Comptroller	DY	14 600
Nonacademic Salaries		32 780
<i>Total, Salaries</i>		(71 880)
Wages		1 500
Expense		15 000
Convention Travel		300
Equipment		1 300
<i>Total, Wages, Expense, and Equipment</i>		(18 100)
<i>Total, Vice-President and Comptroller's Office</i>		\$ 89 980

Auxiliary — Hospital Insurance Administration

Account Number 18-10-06-701

Nonacademic Salaries	\$ 22 920
<i>Total, Salaries</i>	(22 920)
Wages	500
Expense	9 500
Premiums, Staff	400 000
Premiums, Student	360 000
McKinley Hospital Expense	40 000
<i>Total, Wages, Expense, and Equipment</i>	(810 000)
<i>Total, Auxiliary — Hospital Insurance Administration</i>	<u>\$832 920</u>

Indirect Costs — Vice-President and Comptroller's Office

Account Number 40-10-06-000

Expense	\$ 500
<i>Total, Indirect Costs — Vice-President and Comptroller's Office</i>	<u>\$ 500</u>

Business Office**Accounting Division**

Account Number 00-10-08-000

1. Lyle M. Dahlenburg, Chief Accountant.....	DY	\$ 15 300
2. C. H. Pratt, Chief Accountant, <i>Emeritus</i>	R	.....
Nonacademic Salaries		120 000
<i>Total, Salaries</i>		(135 300)
Wages		2 500
Expense		20 000
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(23 500)
<i>Total, Accounting Division</i>		<u>\$158 800</u>

CHARTERED TRAVELING REVOLVING

Account Number 12-10-08-012

Expense	\$ 15 000
<i>Total, Chartered Traveling Revolving</i>	<u>\$ 15 000</u>

VETERANS BOOKS AND SUPPLIES REVOLVING

Account Number 12-10-08-088

Expense	\$ 500
<i>Total, Veterans Books and Supplies Revolving</i>	<u>\$ 500</u>

INDIRECT COSTS — ACCOUNTING DIVISION

Account Number 40-10-08-000

Nonacademic Salaries	\$ 26 820
Expense	3 300
<i>Total, Indirect Costs — Accounting Division</i>	<u>\$ 30 120</u>

Auditing Division

Account Number 00-10-09-000

1. Wilbur J. Thom, Auditor.....	DY	\$ 13 200
2. S. C. Smith, Auditor, <i>Emeritus</i>	R	.....
Nonacademic Salaries		76 540
<i>Total, Salaries</i>		(89 740)
Wages		8 100
Expense		2 350
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(10 950)
<i>Total, Auditing Division</i>		<u>\$100 690</u>

INDIRECT COSTS — AUDITING DIVISION

Account Number 40-10-09-000

Nonacademic Salaries	\$ 11 900
Expense	1 400
<i>Total, Indirect Costs — Auditing Division</i>	<u>\$ 13 300</u>

Bursar's Division

Account Number 00-10-10-000		
1. C. C. DeLong, Bursar.....	ZDY	\$ 16 000
Nonacademic Salaries		131 900
<i>Total, Salaries</i>		(147 900)
Wages.....		7 400
Expense		31 000
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(39 400)
<i>Total, Bursar's Division</i>		<u>\$187 300</u>

STUDENT LOANS MATCHING FUNDS

Account Number 00-10-10-890		
Expense		\$ 28 000
<i>Total, Student Loans Matching Funds</i>		<u>\$ 28 000</u>

INDIRECT COSTS — BURSAR'S DIVISION

Account Number 40-10-10-000		
Nonacademic Salaries		\$ 55 100
Expense		10 000
<i>Total, Indirect Costs — Bursar's Division</i>		<u>\$ 65 100</u>

Purchasing Division

Account Number 00-10-11-000		
1. Lester E. Elliott, Director of Purchases.....	DY	\$ 12 500
2. H. M. Edwards, Director of Purchases, <i>Emeritus</i>	ZR	.....
Nonacademic Salaries		159 396
<i>Total, Salaries</i>		(171 896)
Wages.....		1 000
Expense		19 300
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(20 800)
<i>Total, Purchasing Division</i>		<u>\$192 696</u>

AIR FORCE UNIFORM CLEANING REVOLVING

Account Number 12-10-11-004		
Expense		\$ 5 000
<i>Total, Air Force Uniform Cleaning Revolving</i>		<u>\$ 5 000</u>

AIR FORCE UNIFORM COMMUTATION REVOLVING

Account Number 12-10-11-007		
Nonacademic Salaries		\$ 4 800
Expense		50 000
<i>Total, Air Force Uniform Commutation Revolving</i> ...		<u>\$ 54 800</u>

MILITARY CLOTHING AND EQUIPMENT REVOLVING

Account Number 12-10-11-052		
Expense		\$ 4 000
<i>Total, Military Clothing and Equipment Revolving</i> ...		<u>\$ 4 000</u>

MILITARY UNIFORMS REVOLVING

Account Number 12-10-11-054		
Expense		\$ 20 000
<i>Total, Military Uniforms Revolving</i>		<u>\$ 20 000</u>

INDIRECT COSTS — PURCHASING DIVISION

Account Number 40-10-11-000		
Nonacademic Salaries		\$ 59 738
Expense		8 102
<i>Total, Indirect Costs — Purchasing Division</i>		<u>\$ 67 840</u>

Admissions and Records

Account Number 00-10-13-000		
1. C. W. Sanford, Dean.....	ZBY	\$ 21 500
2. George P. Tuttle, Director, <i>Emeritus</i>	R	.....

3. L. B. Fisher, Coordinator of School and University Articulation.....	ZBY50	6 625
(Total Salary)		(13 250)
4. D. A. Grossman, Director of the Undergraduate Scholarship Program, <i>Emeritus</i>	R	.....
5. E. C. Seyler, Associate Dean.....	DY	17 300
6. Frank A. Bridgewater, Assistant to the Dean.....	DY	12 300
7. E. Eugene Oliver, Assistant Dean.....	DY50	7 000
(Total Salary)		(14 000)
8. E. T. Sanford, Acting Director of the Undergraduate Scholarship Program	DY	10 960
9. _____, Director of Testing.....	DY	10 000
10. Edward T. O'Meara, Assistant Coordinator of School and University Articulation.....	ZDY50	2 750
(Total Salary)		(5 500)
Nonacademic Salaries		351 205
<i>Total, Salaries</i>		(439 640)
Wages.....		46 000
Expense		87 250
Expense, Articulation		6 700
Expense, College Days.....		6 300
Convention Travel		300
Equipment		4 200
<i>Total, Wages, Expense, and Equipment</i>		(150 750)
<i>Total, Admissions and Records</i>		\$590 390

Accountancy Committee Revolving

Account Number 12-10-13-001		
1. E. Eugene Oliver, Assistant Dean.....	ZDY50	\$ 7 000
Nonacademic Salaries		10 975
<i>Total, Salaries</i>		(17 975)
Wages.....		1 500
Expense		45 700
Equipment .....		.....
<i>Total, Wages, Expense, and Equipment</i>		(47 200)
<i>Total, Accountancy Committee Revolving</i>		\$ 65 175

Indirect Costs — Admissions and Records

Account Number 40-10-13-000		
Nonacademic Salaries		\$ 3 270
<i>Total, Salaries</i>		(3 270)
Wages.....		2 300
Expense		600
<i>Total, Wages, Expense, and Equipment</i>		(2 900)
<i>Total, Indirect Costs — Admissions and Records</i>		\$ 6 170

Legal Counsel

Account Number 00-10-15-000		
1. James J. Costello, Legal Counsel.....	BY	\$ 20 700
2. Ralph F. Lesemann, Special Counsel.....	ZDY45	9 900
Nonacademic Salaries		59 230
<i>Total, Salaries</i>		(89 830)
Wages.....		1 800
Expense		10 300
Stenographic Expense		1 800
Convention Travel		100
Equipment		1 200
<i>Total, Wages, Expense, and Equipment</i>		(15 200)
<i>Total, Legal Counsel</i>		\$105 030

Central Office**Nonacademic Personnel**

Account Number 00-10-16-000		
1. Arlyn C. Marks, Director.....	BY75	\$ 11 700
(Also paid \$3,900 by Merit Board)		

2. Donald E. Dickason, Director.....	G	.....
(On disability leave without pay)		
Nonacademic Salaries		7 200
<i>Total, Salaries</i>		(18 900)
Wages.....		300
Expense		3 000
Convention Travel		200
Travel, Civil Service.....		1 200
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		(5 000)
<i>Total, Central Office</i>		\$ 23 900

Nonacademic Free Budget Balances

Account Number 00-10-16-910	
Nonacademic Salaries	\$ 38 000
<i>Total, Nonacademic Free Budget Balances</i>	\$ 38 000

Urbana Office

Account Number 00-10-17-000		
1. Robert E. Hartz, Associate Director.....	DY	\$ 15 550
Nonacademic Salaries		89 290
<i>Total, Salaries</i>		(104 840)
Wages.....		2 200
Expense		10 700
Equipment		1 500
<i>Total, Wages, Expense, and Equipment</i>		(14 400)
<i>Total, Urbana Office</i>		<u>\$119 240</u>

Indirect Costs — Nonacademic Personnel

Account Number 40-10-17-000	
Nonacademic Salaries	\$ 17 540
Expense	1 800
<i>Total, Indirect Costs — Nonacademic Personnel</i>	\$ 19 340

Public Information

Public Information			
Account Number 00-10-18-000			
1. Charles E. Flynn, Director.....	ZBY25	\$ 4 925	
(Total Salary)		(19 700)	
2. Josef F. Wright, Director, <i>Emeritus</i>	ZR		
3. Joe C. Sutton, Editor of <i>Illinois Alumni News</i>	DY}		
With rank of Associate Professor.....	AY}	10 900	
4. Robert W. Evans, Associate Director.....	DY	10 900	
5. 0.50 Full-time Equivalent Assistants.....	E	2 000	
Nonacademic Salaries		40 750	
<i>Total, Salaries</i>		(69 475)	
Wages.....		2 200	
Expense		17 800	
Convention Travel		200	
Equipment		700	
<i>Total, Wages, Expense, and Equipment</i>		(20 900)	
<i>Total, Public Information</i>		\$ 90 375	

Dean of Students**General**

Account Number 00-10-20-000			
1. Fred H. Turner, Dean of Students.....	BY		\$ 19 000
2. Robert A. Schuiteman, Director of the Office of Foreign Student Affairs	ZDY50	5 300	
(Total Salary)		(10 600)	
3. E. E. Stafford, Associate Dean of Students.....	BY	13 500	

4. Arthur Hamilton, Assistant Dean of Foreign Students, <i>Emeritus</i>	ZR	.....
5. John R. Griffin, Assistant Dean of Students.....	ZDY50	4 800
(Total Salary)		(9 600)
6. V. J. Hampton, Assistant Dean of Students.....	DY	11 600
7. Paul J. Magelli, Assistant to Dean of Students.....	DY	7 000
8. Mary Rose Morello, Assistant to the Director of the Office of Foreign Student Affairs.....	DY	7 000
Nonacademic Salaries		43 040
<i>Total, Salaries</i>		(111 240)
Wages, General		3 175
Wages, Freshman Week.....		425
Wages, Foreign Students.....		800
Wages, Student Activities.....		800
Wages, Student Employment.....		4 500
Expense, General		3 200
Expense, Freshman Week.....		6 000
Expense, Foreign Students.....		2 100
Expense, Student Activities.....		650
Expense, Student Employment.....		2 300
Contingency.....		5 400
Convention Travel		400
Equipment, General		500
<i>Total, Wages, Expense, and Equipment</i>		(30 250)
<i>Total, Dean of Students, General</i>		\$141 490

Dean of Men

Account Number 00-10-21-000

1. Carl W. Knox, Dean of Men.....	BY	\$ 15 000
2. Robert M. Crane, Associate Dean of Men.....	DY	11 200
3. Gaylord F. Hatch, Assistant Dean of Men.....	DY	6 700
4. Robert H. Ewalt, Assistant Dean of Men.....	DY	6 400
5. _____, Assistant Dean of Men.....	DY	6 500
Nonacademic Salaries		14 040
<i>Total, Salaries</i>		(59 840)
Wages.....		9 170
Expense		6 400
Equipment		800
<i>Total, Wages, Expense, and Equipment</i>		(16 370)
<i>Total, Dean of Men</i>		\$ 76 210

Dean of Women

Account Number 00-10-22-000

1. Miriam A. Sheldon, Dean of Women.....	BY	\$ 15 000
2. Maria Leonard, Dean of Women, <i>Emerita</i>	R	.....
3. Eunice M. Dowse, Associate Dean of Women.....	DY	10 500
4. Jo Ann Fley, Assistant Dean of Women.....	DY	7 500
5. Mary E. Harrison, Assistant Dean of Women.....	DY	7 350
6. Jean F. Hill, Assistant Dean of Women.....	DY	6 500
7. Kathryn E. Lenihan, Assistant Dean of Women.....	DY	6 500
8. Lorene M. Skornia, Assistant to the Dean of Women...	E	4 250
9. Mary E. Garrard, House Director of Gamma House...	ZG37	650
(Total Salary)		(2 150)
(Ten months from September 1, 1962)		
10. Helen L. Keim, House Director of Beta House.....	ZG37	650
(Total Salary)		(2 200)
(Ten months from September 1, 1962)		
11. Mae Real, House Director of Alpha House.....	ZG37	650
(Total Salary)		(2 200)
(Ten months from September 1, 1962)		
12. 0.50 Full-time Equivalent Assistants.....	E	2 000
13. Summer Assistants	G	1 000
Nonacademic Salaries		28 830
<i>Total, Salaries</i>		(91 380)

Wages.....	6 335
Expense	7 445
Equipment	600
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(14 380)</i>
<i>Total, Dean of Women.....</i>	<i>\$105 760</i>

Housing Division

Account Number 00-10-24-000

1. V. L. Kretschmer, Director of Auxiliary Services.....	ZDY50	\$ 9 250
(Total Salary)		(18 500)
Nonacademic Salaries		36 140
<i>Total, Salaries</i>		<i>(45 390)</i>
Wages.....		2 015
Expense		3 700
Equipment		500
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(6 215)</i>
<i>Total, Housing Division.....</i>		<i>\$ 51 605</i>

RESIDENCE HALLS COUNSELING

Account Number 00-10-25-000

1. Calvin S. Sifferd, Assistant Manager and Head Resident, Men's Residence Halls.....	ZDY75	\$ (6 000)
(Perquisites University — one meal)		
(Total Salary)		(8 000)
2. Mark J. Archer, Assistant Manager and Head Resident, Men's Residence Halls.....	ZDY75	(3 150)
(Perquisites University — room and board)		
(Total Salary)		(4 200)
3. _____, Assistant Manager and Head Resident, Men's Residence Halls.....	ZDY75	(3 150)
(Perquisites University — room and board)		
(Total Salary)		(4 200)
4. 13.00 Head Residents.....		(61 220)
(Perquisites University — room and board)		
5. 31.38 Full-time Equivalent Assistants.....	DY	(43 830)
<i>Total, Residence Halls Counseling.....</i>		<i>\$117 350</i>

Coordinating Placement Office

Account Number 00-10-26-000

1. G. W. Peck, Coordinating Placement Officer.....	BY	\$ 13 150
2. John R. Griffin, Assistant Coordinating Placement Officer.....	ZDY50	4 800
(Total Salary)		(9 600)
3. Robert S. Holty, Chicago Coordinating Placement Officer.....	DY	12 100
Nonacademic Salaries		11 220
<i>Total, Salaries</i>		<i>(41 270)</i>
Wages.....		2 750
Expense		4 100
Expense, Chicago Office.....		1 300
Equipment		500
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(8 650)</i>
<i>Total, Coordinating Placement Office.....</i>		<i>\$ 49 920</i>

Security Office

Account Number 00-10-28-000

1. William T. Morgan, Security Officer.....	DY	\$ 12 000
2. Max A. Irvin, Assistant Security Officer.....	DY	11 000
3. Dan R. McClelland, Assistant Security Officer.....	DY	7 000
Nonacademic Salaries		37 590
<i>Total, Salaries</i>		<i>(67 590)</i>
Wages.....		4 270
Wages, Motor Vehicle Office.....		2 250

Expense	7 400
Expense, Motor Vehicle Office.....	7 250
Equipment	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(22 170)</i>
<i>Total, Security Office.....</i>	<i>\$ 89 760</i>

Health Service

Account Number 00-10-30-000

1. Orville S. Walters, Director of Health Services.....	DY}	\$ 21 000
Lecturer in Psychiatry and Professor of Hygiene....	AY}	
2. Marion D. Kinzie, Associate Director of Health Services.....	AY	16 500
Associate Professor of Hygiene and Staff Physician in the Health Center and McKinley Hospital.....	BY	1 000
(Total Salary)		(17 500)
3. Henry I. Teigler, Staff Physician in the Health Center and Professor of Hygiene.....	AY	14 300
4. Elmer W. Cavins, Staff Physician in the Health Center and Associate Professor of Hygiene.....	ZAY	16 300
5. Dorothy F. Dunn, Associate Professor of Hygiene....	A	9 600
6. Laurence M. Hursh, Staff Physician in the Health Center and McKinley Hospital and Associate Professor of Hygiene	BY	16 500
7. Theodore A. Kiersch, Chairman of Mental Health Division and Associate Professor of Hygiene.....	BY	17 500
8. G. F. Kolar, Dental Adviser, Oral Hygienist, and Associate Professor of Hygiene.....	AY	10 200
9. L. D. Lewis, Staff Physician in the Health Center....	AY50	6 700
Associate Professor of Hygiene.....	AY50	6 700
(Total Salary)		(13 400)
(On leave without pay for one-half time)		
10. May I. Millbrook, Staff Physician in the Health Center and Associate Professor of Hygiene.....	A	9 600
11. Charles H. Nichols, Staff Physician in the Health Center and McKinley Hospital and Associate Professor of Hygiene	AY	16 300
12. Jack Otis, Psychiatric Social Work Supervisor and Associate Professor of Hygiene.....	A	(9 500)
(On leave without pay 1962-63)		
13. ———, Staff Physician in the Health Center and Associate Professor of Hygiene.....	DY	11 400
14. Loren W. Akers, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene	BY	14 900
15. J. Harold Hopkins, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene	BY	13 100
16. Harry Little, Psychiatrist and Assistant Professor of Hygiene.....	BY	15 700
17. Howard R. Miller, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene	BY	14 500
18. Robert B. Montgomery, Medical Adviser and Assistant Professor of Hygiene.....	G	.....
(On disability leave — University Retirement System)		
19. Arthur G. Nikelly, Clinical Psychologist and Assistant Professor of Hygiene.....	BY	9 000
20. Helen C. Sharp, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene	BY	13 900
21. Anne E. VanDyke, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene	BY	14 100
22. Anthony J. Vinci, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene	BY	13 400

23. Charles R. Young, Psychiatrist and Assistant Professor of Hygiene	DY	14 300
24. ———, Psychiatric Social Work Supervisor and Assistant Professor of Hygiene.....	DY	9 500
25. G. R. Blackstone, Associate in Hygiene, <i>Emeritus</i>	R	.....
26. ———, Psychiatric Social Worker in the Health Center.....	DY	7 500
27. George E. Maha, Staff Physician in the Health Center and McKinley Hospital and Associate Professor of Hygiene	BY	16 500
Nonacademic Salaries		119 830
<i>Total, Salaries</i>		(443 130)
Wages.....		5 155
Expense		42 365
Convention Travel		1 000
Equipment		3 700
<i>Total, Wages, Expense, and Equipment</i>		(52 220)
<i>Total, Health Service</i>		\$495 350

Auxiliary — McKinley Hospital

Account Number 18-10-31-720

Nonacademic Salaries	\$229 506
<i>Total, Salaries</i>	(229 506)
Wages.....	10 000
Expense	30 500
<i>Total, Wages, Expense, and Equipment</i>	(40 500)
<i>Total, Auxiliary — McKinley Hospital</i>	\$270 006

Provost's Office**Student Counseling Service**

Account Number 00-10-34-000

1. William M. Gilbert, Director.....	ZBY	\$ 15 700
2. Thomas N. Ewing, Associate Director.....	ZBY	13 900
3. John A. Henry, Counselor.....	ZD25	2 700
(Total Salary)		(10 800)
4. Dorothy E. Clark, Counselor.....	ZD25	2 040
(Total Salary)		(8 200)
5. Frank Costin, Counselor.....	ZD33	3 300
(Total Salary)		(10 000)
6. Alice K. Jonietz, Clinical Counselor.....	ZDY	10 700
7. James F. Kamman, Clinical Counselor and Supervisor of Testing with Rank of Associate Professor.....	AY	11 100
8. Robert P. Larsen, Clinical Counselor.....	ZDY75	8 100
9. Louis C. Ate, Jr., Clinical Counselor.....	ZDY	9 800
10. Boyd B. Jackson, Clinical Counselor and Supervisor of Reading with rank of Assistant Professor.....	BY	9 800
11. John C. Langdon, Clinical Counselor with rank of Assistant Professor	BY	8 250
12. Pearl Schroeder, Clinical Counselor with rank of Assistant Professor	BY	9 200
13. Miriam Sperber, Clinical Counselor with rank of Assistant Professor	BY	8 300
14. Morton Wagman, Clinical Counselor.....	ZBY	8 900
15. ———, Clinical Counselor with rank of Assistant Professor.....	BY	7 800
16. Barbara M. Atwood, Clinical Counselor with rank of Assistant Professor	B80	5 200
17. Marjorie M. Dachowski, Clinical Counselor with rank of Instructor	DY	7 300
18. Edward H. Heath, Counselor.....	ZD25	1 700
(Total Salary)		(6 800)
19. 7.50 Full-time Equivalent Assistants.....	DY	38 035
20. 8.50 Summer Counselors.....	G	13 710
Nonacademic Salaries		34 350
<i>Total, Salaries</i>		(229 885)

Wages.....	9 900
Expense	15 870
Equipment	2 500
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(28 270)</i>
<i>Total, Student Counseling Service.....</i>	<i>\$258 155</i>

Office of Instructional Research

Account Number 00-10-39-000

1. Robert G. Demaree, Director.....	ZDY	\$ 14 500
2. Anita Smith, Information Director with rank of Assistant Professor	DY	9 000
3. 1.83 Full-time Equivalent Assistants.....	DY	7 900
Nonacademic Salaries		10 560
<i>Total, Salaries</i>		<i>(41 960)</i>
Wages.....		500
Expense		14 000
Equipment		500
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(15 000)</i>
<i>Total, Office of Instructional Research.....</i>		<i>\$ 56 960</i>

Bureau of Institutional Research

Account Number 00-10-40-000

1. G. J. Froehlich, Director.....	DY}	\$ 13 700
With rank of Professor.....	AY}	
2. H. Bradley Sagen, Assistant Director with rank of Instructor.....	DY	8 800
3. 1.00 Full-time Equivalent Assistants.....	DY	6 400
Nonacademic Salaries		28 500
<i>Total, Salaries</i>		<i>(57 400)</i>
Wages.....		1 700
Expense		6 800
Equipment		500
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(9 000)</i>
<i>Total, Bureau of Institutional Research.....</i>		<i>\$ 66 400</i>

Statistical Service Unit

Account Number 00-10-41-000

1. John F. Chaney, Director.....	DY}	\$ 16 000
With rank of Associate Professor.....	AY}	
2. _____, Assistant Director of Systems and Programming Devices	DY	11 000
Nonacademic Salaries		242 960
<i>Total, Salaries</i>		<i>(269 960)</i>
Wages.....		14 850
Expense		137 728
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(152 578)</i>
<i>Total, Statistical Service Unit.....</i>		<i>\$422 538</i>

INDIRECT COSTS — STATISTICAL SERVICE UNIT

Account Number 40-10-41-000

1. Bud J. Meador, Assistant Director.....	DY	\$ 10 200
2. Kern W. Dickman, Assistant Director.....	ZD67	6 730
(Total Salary)		(10 100)
Nonacademic Salaries		56 970
<i>Total, Salaries</i>		<i>(73 900)</i>
Expense		8 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(8 000)</i>
<i>Total, Indirect Costs — Statistical Service Unit.....</i>		<i>\$ 81 900</i>

Committee on Student English

Account Number 00-10-42-000

1. Jessie Howard, Executive Secretary with rank of Assistant Professor	B	\$ 9 600
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Nonacademic Salaries	7 080
<i>Total, Salaries</i>	(16 680)
Expense	2 000
Equipment	200
<i>Total, Wages, Expense, and Equipment</i>	(2 200)
<i>Total, Committee on Student English</i>	\$ 18 880

Central Office on the Use of Space

Account Number 00-10-44-000

1. Harlan D. Bareither, Director.....	ZBY73	\$ 11 690
(Total Salary)		(16 000)
(Includes full time in the summer)		
2. John R. Cain, Assistant Director.....	ZDY	8 000
Nonacademic Salaries		26 070
<i>Total, Salaries</i>		(45 760)
Wages.....		1 500
Expense		5 500
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(7 500)
<i>Total, Central Office on the Use of Space</i>		\$ 53 260

Instructional Television

Account Number 00-10-45-100

1. Charles J. McIntyre, Coordinator.....	ZBY	\$ 16 200
2. Jack M. Crannell, Assistant Manager of Television Sta- tion and Supervisor of Television Motion-Pictures....	ZDY50	5 500
(Total Salary)		(11 000)
3. 1.00 Full-time Equivalent Assistants.....	E	4 000
Nonacademic Salaries		20 224
<i>Total, Salaries</i>		(45 924)
Wages.....		300
Expense		29 350
Equipment		8 000
<i>Total, Wages, Expense, and Equipment</i>		(37 650)
<i>Total, Instructional Television</i>		\$ 83 574

U.S. OFFICE OF EDUCATION 7-11-107-00

Account Number 46-10-45-364

1. Francis R. Watson, Research Associate in Instructional Television	ZDY	\$ 10 400
2. George A. Talbot III, Lecturer in Sociology.....	D	6 400
<i>Total, U.S. Office of Education 7-11-107-00</i>		\$ 16 800

University Honors Programs

Account Number 00-10-48-000

1. Robert E. Johnson, Director.....	ZD67	\$ 12 050
(Total Salary)		(18 000)
2. Dora E. Damrin, Assistant Director.....	ZDY80	8 665
(Total Salary)		(10 800)
3. Richard R. Marsh, Assistant Director.....	ZDY67	8 030
(Total Salary)		(12 050)
Nonacademic Salaries		16 290
<i>Total, Salaries</i>		(45 035)
Wages.....		1 000
Expense		9 500
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(11 000)
<i>Total, University Honors Programs</i>		\$ 56 035

Alumni Relations and Records

Account Number 00-10-50-000

1. E. E. Vance, Executive Director.....	FY	\$(14 000)
(Effective July 1, 1962)		
(Salary paid by Alumni Association)		

2. James Vermette, Field Director.....	FY	(6 900)
(Effective July 1, 1962)		
(Salary paid by Alumni Association)		
Nonacademic Salaries		39 480
<i>Total, Salaries</i>		(39 480)
Wages.....		8 150
Expense		32 700
<i>Total, Wages, Expense, and Equipment</i>		(40 850)
<i>Total, Alumni Relations and Records</i>		\$ 80 330

University of Illinois Foundation

Account Number 00-10-52-000		
1. James C. Colvin, Executive Director.....	FY	\$(16 500)
(Effective July 1, 1962)		
(Salary paid by Foundation)		
2. Victor Cullin, Special Representative.....	G	(8 000)
(September 1, 1962, to April 30, 1963)		
(Salary paid by Foundation)		
3. _____, Secretary	FY	(9 000)
(Effective July 1, 1962)		
(Salary paid by Foundation)		
Expense		80 100
<i>Total, University of Illinois Foundation</i>		\$ 80 100

Audit of University Accounts

Account Number 00-10-60-000		
Expense		\$ 22 300
<i>Total, Audit of University Accounts</i>		\$ 22 300

Citizens Committee

Account Number 00-10-64-000		
1. George H. Bargh, Director.....	ZDY	.....
Wages.....		\$ 1 300
Expense		6 000
<i>Total, Citizens Committee</i>		\$ 7 300

Commencement

Account Number 00-10-66-000		
Expense		\$ 23 000
<i>Total, Commencement</i>		\$ 23 000

Committee on Robert Allerton Park

Account Number 00-10-67-400		
1. Walter M. Keith, Director of Robert Allerton Park....	ZB33	\$ 4 000
(Total Salary)		(12 000)
2. 0.50 Full-time Equivalent Assistants.....	E	2 000
Nonacademic Salaries		1 650
<i>Total, Salaries</i>		(7 650)
Wages.....		600
Expense		2 020
Equipment		400
<i>Total, Wages, Expense, and Equipment</i>		(3 020)
<i>Total, Committee on Robert Allerton Park</i>		\$ 10 670

Robert Allerton Park

Account Number 44-10-67-401		
1. Fay H. Root, Assistant Professor of Camp and Park		
Management	E-ZBY50	\$ 4 850
(Total Salary)		(9 700)
Nonacademic Salaries		34 770
<i>Total, Salaries</i>		(39 620)

Wages.....	1 880
Expense	20 700
Equipment	4 800
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(27 380)</i>
<i>Total, Robert Allerton Park.....</i>	<i>\$ 67 000</i>

Comptroller's Office**Safety Coordinator**

Account Number 00-10-69-000	
Nonacademic Salaries	\$ 21 270
Expense	2 000
<i>Total, Safety Coordinator.....</i>	<i>\$ 23 270</i>

INDIRECT COSTS — WORKMEN'S COMPENSATION — SAFETY COORDINATOR

Account Number 40-10-69-000	
Nonacademic Salaries	\$ 17 640
Expense	2 200
<i>Total, Indirect Costs — Workmen's Compensation — Safety Coordinator</i>	<i>\$ 19 840</i>

General Publications

Account Number 00-10-70 000	
Expense	\$ 85 000
<i>Total, General Publications.....</i>	<i>\$ 85 000</i>

General University Lectures

Account Number 00-10-72-000	
General University Lectures.....	\$ 9 000
<i>Total, General University Lectures.....</i>	<i>\$ 9 000</i>

Honors Day

Account Number 00-10-76-000	
Wages.....	\$ 750
Expense	1 700
Equipment	400
<i>Total, Honors Day.....</i>	<i>\$ 2 850</i>

Incidental and Emergency

Account Number 00-10-80-000	
Expense	\$ 5 000
<i>Total, Incidental and Emergency.....</i>	<i>\$ 5 000</i>

Memberships in Organizations

Account Number 00-10-81-000	
Advisory Committee on Education in Illinois.....	\$ 10
American Council on Education.....	600
Associated Midwest Universities.....	1 000
Association of American Universities.....	1 500
Association of Land-Grant Colleges and Universities.....	3 000
Institute of International Education.....	300
International Association of Universities.....	300
Inter-University Committee on Special Studies.....	400
National Association of State Universities.....	100
National Commission on Accrediting.....	100
North Central Association.....	335
North Central Conference of Summer Schools.....	10
Campus Business Men's Association.....	10
Champaign Chamber of Commerce.....	40
Urbana Association of Commerce.....	30
Business Officers Association of Governmental Relations....	2 500
<i>Total, Membership in Organizations.....</i>	<i>\$ 10 235</i>

Public Functions

Account Number 00-10-82-000

Wages.....	\$ 1 100
Expense	50 900
<i>Total, Public Functions.....</i>	<i>\$ 52 000</i>

University Retirement System

Account Number 00-10-90-000

Expense for employer contributions (special state appropriation)	\$ 2 561 400
<i>Total, University Retirement System.....</i>	<i>\$ 2 561 400</i>

Retiring Allowances

Account Number 00-10-92-000

Salaries paid as retiring allowances to persons retired prior to September, 1942.....	\$ 14 393
<i>Total, Retiring Allowances.....</i>	<i>\$ 14 393</i>

Accident Compensation

Account Number 00-10-94-000

Nonacademic Salaries	\$ 8 300
Expense	60 000
<i>Total, Accident Compensation.....</i>	<i>\$ 68 300</i>

Death and Disability Benefits

Account Number 00-10-96-000

Wages for replacement of nonacademic staff on extended disability leave	\$ 2 500
Expense for death benefits to persons retired before 1942 and nonparticipants in University Retirement System	4 000
<i>Total, Death and Disability Benefits.....</i>	<i>\$ 6 500</i>

COLLEGE OF AGRICULTURE**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 97 980	\$ 10 400	\$108 380
Contingent.....		20 000	20 000
Convention Travel.....		11 800	11 800
Farm and Home Week.....		8 000	8 000
Agricultural Economics.....	138 780	2 370	141 150
Agricultural Engineering.....	93 852	8 500	102 352
Agronomy.....	110 820	10 500	121 320
Animal Science.....	182 690	36 150	218 840
County Farm—College.....	3 870		3 870
Dairy Science.....	131 230	59 600	190 830
Food Technology.....	61 680	7 740	69 420
Forestry.....	67 750	8 900	76 650
Home Economics.....	311 395	42 320	353 715
Horticulture.....	69 560	8 600	78 160
Plant Pathology.....	43 555	2 150	45 705
Vocational Agriculture.....	55 010	6 310	61 320
<i>Total, Instruction.....</i>	<i>(1 368 172)</i>	<i>(243 340)</i>	<i>(1 611 512)</i>
<i>Organized Research</i>			
Administration.....	125 910	30 065	155 975
Agricultural Economics.....	202 790	22 240	225 030
Agricultural Engineering.....	126 374	16 590	142 964
Agricultural Entomology.....	2 840	200	3 040
Agronomy.....	506 447	101 165	607 612
Animal Science.....	382 701	100 180	482 881
Dairy Science.....	284 156	79 890	364 046

General (Concluded)

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Dixon Springs.....	198 298	95 040	293 338
Food Technology.....	159 060	26 650	185 710
Forestry.....	60 865	10 660	71 525
Home Economics.....	51 970	4 200	56 170
Horticulture.....	367 865	44 180	412 045
Plant Pathology.....	94 225	13 830	108 055
Veterinary Research.....	89 805	26 775	116 580
<i>Total, Organized Research</i>	(2 653 306)	(571 665)	(3 224 971)
<i>Extension and Public Services</i>			
Administration.....	250 590	33 395	283 985
Agricultural Economics.....	53 760	.....	53 760
Agricultural Engineering.....	36 590	.....	36 590
Agricultural Entomology.....	15 955	.....	15 955
Agronomy.....	56 910	.....	56 910
Animal Science.....	40 885	.....	40 885
County Farm Extension.....	947 305	.....	947 305
County Home Extension.....	675 515	.....	675 515
Dairy Science.....	37 955	.....	37 955
Dixon Springs.....	15 360	.....	15 360
Forestry.....	29 025	.....	29 025
Home Economics.....	61 790	.....	61 790
Horticulture.....	36 640	.....	36 640
Plant Pathology.....	9 570	.....	9 570
Veterinary Research.....	5 490	.....	5 490
<i>Total, Extension and Public Services</i>	(2 273 340)	(33 395)	(2 306 735)
<i>Total, General</i>	\$6 294 818	\$848 400	\$7 143 218

Restricted

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Instruction</i>			
Estimated Endowment Income.....	.....	\$ 500	\$ 500
Estimated Private Gifts.....	.....	2 500	2 500
Estimated United States Contracts.....	\$ 8 000	5 000	13 000
<i>Total, Instruction</i>	(8 000)	(8 000)	(16 000)
<i>Organized Activities Relating to Instruction</i>			
Home Economics Cafeteria Revolving.....	12 420	29 500	41 920
Vocational Agriculture Revolving.....	7 380	33 000	40 380
<i>Total, Organized Activities Relating to Instruction</i>	(19 800)	(62 500)	(82 300)
<i>Organized Research</i>			
Federal Research — Hatch Fund.....	425 582	349 494	775 076
Federal Research — Regional Research Fund	64 072	75 203	139 275
Federal Research — Agricultural Marketing			
Act Title II.....	2 700	3 450	6 150
Agricultural Departmental Revolving.....	12 450	86 850	99 300
Joliet Field Revolving.....	.....	7 400	7 400
Agricultural Publications Revolving.....	.....	12 000	12 000
Agricultural Sales Revolving.....	5 880	87 700	93 580
Farm Accounting Revolving.....	8 520	12 320	20 840
Agricultural Engineering Income Revolving.....	.....	3 300	3 300
Corn Testing Revolving.....	8 650	9 850	18 500
Northern Illinois Experiment Field.....	.....	2 000	2 000
Animal Science Income Revolving.....	.....	140 000	140 000
Dairy Official Testing Revolving.....	21 780	7 500	29 280
Estimated Indirect Costs.....	2 500	17 500	20 000
Estimated Private Gifts.....	150 000	80 000	230 000
Estimated United States Contracts.....	350 000	150 000	500 000
Estimated State Contracts.....	120 000	55 000	175 000
<i>Total, Organized Research</i>	(1 172 134)	(1 099 567)	(2 271 701)

<i>Extension and Public Services</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Federal Extension — Research and Market- ing Fund.....	21 775	7 125	28 900
Federal Extension — Smith-Lever Fund.....	1 280 796	506 278	1 787 074
Soil Testing Revolving.....	.....	5 000	5 000
Estimated Private Gifts.....	470 000	680 000	1 150 000
Estimated United States Contracts.....	5 400	100	5 500
<i>Total, Extension and Public Services</i> ...	(1 777 971)	(1 198 503)	(2 976 474)
<i>Auxiliary Enterprises</i>			
Grein Farm Operation.....	.....	2 500	2 500
Maxwell Farm Operation.....	.....	5 000	5 000
Troutman Farm Operation.....	.....	5 000	5 000
Four-H Memorial Camp Operations.....	5 340	35 500	40 840
<i>Total, Auxiliary Enterprises</i>	(5 340)	(48 000)	(53 340)
<i>Total, Restricted</i>	\$2 983 245	\$2 416 570	\$5 399 815

Estimated Income from Sales for the General Budget

	<i>1961-62</i>	<i>1962-63</i>
Agronomy.....	\$ 12 000	\$ 12 000
Dairy Science.....	58 000	58 000
Dixon Springs.....	50 000	53 000
Food Technology.....	1 500	1 500
Horticulture.....	4 000	4 000
Veterinary Research.....	2 000	2 000
<i>Total</i>	\$127 500	\$130 500

Agricultural Income realized over estimate and reserved for the use of the College of Agriculture may be assigned, upon recommendation of the Dean of the College of Agriculture and approval of the Vice-President and Comptroller, to the department earning such income. If the estimated income is not realized, the appropriation to the department will be reduced accordingly.

Fund Code

The following code letters are used in the Agriculture budget at the left of the tenure symbol to indicate the fund:

State, revolving and trust accounts: C — College, S — Station, E — Extension. Federal Funds, Station: H — Hatch (fund number 21), R — Regional Research (fund number 23), T — Agricultural Marketing Title II (fund number 28).

Federal Funds, Extension: K — Research and Marketing Extension (fund number 34), L — Smith-Lever (fund number 36).

Administration

Account Number 00-15-01-100; College 00-15-01-100; Station 00-15-01-300; Extension 00-15-01-400

- Louis B. Howard, Dean of College, Director of Station, and Director of Extension.....

C-ZBY34	\$ 7 900
S-ZBY33	7 900
L-ZBY33	(7 900)
	(23 700)
- Robert R. Hudelson, Dean, Director, and Professor of Agricultural Economics, *Emeritus*..... C-R
- W. E. Carroll, Associate Director and Professor, *Emeritus*..... S-R
- J. B. Claar, Associate Director of Cooperative Extension Service.....

E-BY50	9 000
L-BY50	(9 000)
- With rank of Professor..... AY
- (Total Salary)..... (18 000)
- Karl E. Gardner, Associate Dean of College..... C-ZBY 17 200
- Associate Director of Station..... S-BY 16 500
- Tom S. Hamilton, Associate Director of Station and Professor of Animal Science, *Emeritus*..... S-R

8. W. G. Kammlade, Associate Director of Cooperative Extension Service and Professor of Animal Science, <i>Emeritus</i>	E-R	.....
9. J. C. Spitler, Associate Director of Cooperative Extension Service and Professor, <i>Emeritus</i>	E-R	.....
10. Martha L. Dunlap, Assistant Director of Cooperative Extension Service.....	{E-ZBY60	7 650
(Total Salary).....	{L-ZBY40	(5 100)
11. _____, Assistant Director of Station and Assistant Dean of College.....	{C-BY20	2 160
(Total Salary).....	{S-BY80	8 640
12. W. D. Murphy, Assistant Director of Cooperative Extension Service.....	{E-ZBY70	8 995
(Total Salary).....	{L-ZBY30	(3 855)
13. Cecil D. Smith, Assistant Dean of College.....	C-BY	13 200
With rank of Professor.....	C-AY	
14. H. W. Bean, Assistant Director of Cooperative Extension Service.....	{C-ZBY20	2 500
(Total Salary).....	{E-ZBY50	6 250
	{L-ZBY30	(3 750)
15. Warren K. Wessels, Assistant to Dean of College with rank of Assistant Professor.....	{C-BY25	2 375
(Total Salary).....	{S-BY75	7 125
		(9 500)
16. Hadley Read, Extension Editor and Professor of Agricultural Extension.....	{C-AY10	1 300
(Total Salary).....	{S-AY10	1 300
(On leave with pay for six months from September 1, 1962)	{E-AY45	5 850
	{L-AY35	(4 550)
17. Anna C. Glover, Editor with rank of Associate Professor, <i>Emerita</i>	S-R	.....
18. Harold D. Guither, Assistant Extension Editor with rank of Associate Professor.....	{C-AY15	1 550
(Total Salary).....	{S-AY15	1 550
	{E-AY40	4 150
	{L-AY30	(3 100)
19. A. W. Janes, Editor with rank of Associate Professor.....	{S-AY85	10 200
(Total Salary).....	{H-AY15	(1 800)
		(12 000)
20. James F. Evans, Assistant Professor of Agricultural Communications.....	{C-ZBY40	4 000
(Total Salary).....	{S-ZBY40	4 000
	{E-ZBY20	2 000
21. Owen F. Glissendorf, Assistant Editor with rank of Assistant Professor.....	{S-BY75	6 825
(Total Salary).....	{H-BY25	(2 275)
		(9 100)
22. Jessie E. Heathman, Assistant Extension Editor and Assistant Professor of Home Economics Extension.....	{E-BY70	6 860
(Total Salary).....	{L-BY30	(2 940)
		(9 800)
23. Charles J. Isoline, Assistant Editor with rank of Assistant Professor.....	{E-BY70	5 880
(Total Salary).....	{L-BY30	(2 520)
		(8 400)
24. Robert A. Jarnagin, Assistant Extension Editor with rank of Assistant Professor.....	{E-BY45	4 410
(Total Salary).....	{L-BY55	(5 390)
		(9 800)
25. Richard G. Moores, Assistant Editor with rank of Assistant Professor.....	S-BY	8 250
26. Victor R. Stephen, Assistant Extension Editor with rank of Assistant Professor.....	{C-BY10	1 090
(Total Salary).....	{S-BY10	1 090
	{E-BY50	5 450
	{L-BY30	(3 270)
27. Margery E. Suhre, Assistant Editor with rank of Assistant Professor.....		(10 900)
	E-BY	9 100

28. Jack C. Everly, Assistant Extension Editor and Instructor in Agricultural Extension.....	{E-DY65 L-DY35	5 655 (3 045)
(Total Salary).....		(8 700)
29. John J. Feight, Jr., Assistant Extension Editor with rank of Instructor.....	{E-DY80 L-DY20	6 400 (1 600)
(Total Salary).....		(8 000)
30. Margaret McGlothlin, Assistant Editor with rank of Instructor.....	H-DY50	(3 900)
31. Herbert D. Nosker, Assistant Extension Editor with rank of Instructor.....	{E-DY75 L-DY25	5 550 (1 850)
(Total Salary).....		(7 400)
32. Gloria B. Tefft, Assistant Editor with rank of Instructor.....	C-ZDY	.....
33. Janice E. Woodard, Assistant Extension Editor with rank of Instructor.....	E-DY	6 600
34. John L. Woods, Assistant Extension Editor with rank of Instructor.....	E-DY	6 400
	E-DY	6 400
	(S-DY45	2 790
35. ———, Assistant Editor with rank of Instructor.....	{E-DY30 L-DY25	1 860 (1 550)
(Total Salary).....		(6 200)
36. 0.46 Full-time Equivalent Assistants.....	C-DY	2 285
Nonacademic Salaries.....	C	42 420
Nonacademic Salaries.....	S	49 740
Nonacademic Salaries.....	E	142 530
<i>Total, Salaries</i>		(474 480)
Wages.....	C	2 000
Wages, Farm and Home Week.....	C	1 600
Wages.....	S	900
Wages.....	E	2 000
Expense.....	C	7 400
Expense, Farm and Home Week.....	C	6 400
Expense.....	S	27 165
Expense.....	E	27 395
Contingent.....	C	20 000
Convention Travel.....	C	11 800
Nonrecurring Unassigned.....	C	(7 000)
Equipment.....	C	1 000
Equipment.....	S	2 000
Equipment.....	E	4 000
<i>Total, Wages, Expense, and Equipment</i>		(113 660)
<i>Total, Administration</i>		\$588 140

Agricultural Departmental Revolving

Account Number 12-15-01-316.....		
Nonacademic Salaries.....	S	\$12 450
<i>Total, Salaries</i>	S	(12 450)
Wages.....	S	6 000
Expense.....	S	79 850
Equipment.....	S	1 000
<i>Total, Wages, Expense, and Equipment</i>	S	(86 850)
<i>Total, Agricultural Departmental Revolving</i>		\$99 300

Joliet Field Revolving

Account Number 12-15-01-342.....		
Expense.....	S	\$7 400
<i>Total, Joliet Field Revolving</i>		\$7 400

Agricultural Publications Revolving

Account Number 12-15-01-366.....		
Expense.....	S	\$12 000
<i>Total, Agricultural Publications Revolving</i>		\$12 000

Agricultural Sales Revolving

Account Number 12-15-01-378

Nonacademic Salaries.....	S	\$ 5 880
<i>Total, Salaries</i>		(5 880)
Wages.....	S	2 700
Expense.....	S	84 500
Equipment.....	S	500
<i>Total, Wages, Expense, and Equipment</i>	S	(87 700)
<i>Total, Agricultural Sales Revolving</i>		\$93 580

Auxiliary — Grein Farm Operation

Account Number 18-15-01-732

Expense.....		\$2 500
<i>Total, Auxiliary—Grein Farm Operation</i>		\$2 500

Cooperative Investigations

VARIOUS DONORS—RESEARCH—RURAL ELECTRIFICATION

Account Number 44-15-01-387

1. Floyd L. Herum, Assistant Professor of Agricultural Engineering.....	S-ZBY40	\$3 200
(Total Salary).....		(8 000)
(On leave without pay 1962-63)		
2. Donald R. Daum, Instructor in Agricultural Engineering.....	S-ZDY40	3 300
(Total Salary).....		(8 250)
<i>Total, Various Donors—Research—Rural Electrification</i>		\$6 500

VARIOUS DONORS—EXTENSION—RURAL ELECTRIFICATION

Account Number 44-15-01-486

1. Floyd L. Herum, Assistant Professor of Agricultural Engineering.....	E-ZBY60	\$4 800
(On leave without pay 1962-63)		
2. Donald R. Daum, Instructor in Agricultural Engineering.....	E-ZDY60	4 950
<i>Total, Various Donors—Extension—Rural Electrification</i>		\$9 750

Agricultural Economics

Account Number 00-15-05-100; College 00-15-05-100; Station 00-15-05-300; Extension 00-15-05-400

1. Harold G. Halcrow, Professor and Head of Department.....	{C-AY35 S-AY35 E-AY30	\$ 7 090 7 090 6 070
(Total Salary).....		(20 250)
2. Chester B. Baker, Professor.....	{C-AY40 S-AY60	5 680 8 520
(Total Salary).....		(14 200)
3. R. W. Bartlett, Professor of Dairy Marketing.....	{C-AY20 S-AY60 E-AY20	2 700 8 100 2 700
(Total Salary).....		(13 500)
4. George K. Brinegar, Professor.....	{C-AY35 S-AY65	5 250 9 750
(Total Salary).....		(15 000)
5. Emer E. Broadbent, Professor of Livestock Marketing.....	{C-AY30 S-AY15 H-AY55	3 840 1 920 7 040
(Total Salary).....		(12 800)
6. W. D. Buddemeier, Professor of Farm Management.....	{C-ZAY50 S-ZAY50	6 125 6 125
(Total Salary).....		(12 250)
(Transferred to Trust)		
7. H. C. M. Case, Professor, <i>Emeritus</i>	C-R	.....
8. J. B. Cunningham, Professor, <i>Emeritus</i>	R	.....
9. Folke Dovring, Professor of Land Economics.....	{C-AY40 S-AY60	5 400 8 100
(Total Salary).....		(13 500)

10. Clinton L. Folse, Professor of Rural Sociology.....	{C-ZAY50	6 250
(Total Salary).....	{S-ZAY50	6 250
		(12 500)
11. H. W. Hannah, Professor of Agricultural Law.....	{C-ZA30	4 500
(Total Salary).....	{S-ZA20	3 000
(On leave without pay three months from September 1, 1962)		(15 000)
12. Thomas A. Hieronymus, Professor of Grain Marketing.....	{C-AY25	3 400
(Total Salary).....	{S-AY75	10 200
		(13 600)
13. John M. Holcomb, Professor of Farm Management and Finance.....	{S-DY25	3 375
	{L-DY25	(3 375)
(Total Salary).....	{C-DY50	6 750
		(13 500)
14. G. L. Jordan, Professor, <i>Emeritus</i>	C-R	.....
	{C-AY25	3 750
15. George G. Judge, Professor of Agricultural Economics.....	{S-AY50	7 500
(Total Salary).....	{H-AY25	(3 750)
		(15 000)
16. R. A. Kelly, Professor of Fruit and Vegetable Marketing.....	{C-AY60	7 380
(Total Salary).....	{H-AY40	(4 920)
		(12 300)
17. Norman G. P. Krausz, Professor of Agricultural Law.....	{C-AY25	3 425
(Total Salary).....	{S-AY75	10 275
		(13 700)
18. D. E. Lindstrom, Professor of Rural Sociology.....	{C-ZA25	2 625
(Total Salary).....	{S-ZA75	7 875
		(10 500)
19. M. L. Mosher, Professor, <i>Emeritus</i>	C-R	.....
20. Ralph J. Mutti, Professor of Agricultural Marketing.....	{C-AY60	8 040
(Total Salary).....	{S-AY40	5 360
		(13 400)
21. E. H. Regnier, Professor of Rural Recreation.....	C-ZAY15	1 850
(Total Salary).....		(12 250)
22. Robert C. Ross, Professor, <i>Emeritus</i>	C-R	.....
23. Elmer L. Sauer, Professor of Rural Development Extension.....	L-AY	(12 500)
	{E-AY60	8 100
24. L. H. Simerl, Professor of Outlook-Policy Extension.....	{L-AY40	(5 400)
(Total Salary).....		(13 500)
25. Charles L. Stewart, Professor, <i>Emeritus</i>	C-R	.....
26. Leslie F. Stice, Professor of Grain Marketing Extension.....	{E-AY45	6 075
(Total Salary).....	{L-AY30	(4 050)
	{K-AY25	(3 375)
		(13 500)
27. Earl R. Swanson, Professor of Farm Management Production Economics.....	{C-AY40	5 680
(Total Salary).....	{S-AY60	8 520
		(14 200)
28. William N. Thompson, Professor of Farm Management and Policy.....	{C-AY60	8 520
(Total Salary).....	{S-AY40	5 680
		(14 200)
29. Roy N. Van Arsdall, Professor of Farm Management.....	C-DY25	3 200
	{C-AY30	4 020
30. Vincent I. West, Professor of Price and Statistics.....	{S-AY40	5 360
(Total Salary).....	{H-AY30	(4 020)
		(13 400)
31. R. H. Wilcox, Professor, <i>Emeritus</i>	S-R	.....
32. Sheldon W. Williams, Professor of Dairy Marketing.....	R-AY25	(3 100)
	{C-AY40	6 000
33. J. E. Wills, Professor of Farm Management.....	{S-AY35	5 250
(Total Salary).....	{E-AY25	3 750
		(15 000)

34. Alvin T. Anderson, Associate Professor, <i>Emeritus</i>	R	
35. George M. England, Associate Professor of Food Market- ing	{E-AY50 K-AY50	5 250 (5 250)
(Total Salary)		(10 500)
36. John H. Herbst, Associate Professor of Farm Management (Total Salary)	C-ZAY50	5 200 (10 400)
37. Malcolm B. Kirtley, Associate Professor of Livestock Marketing Extension	{E-AY60 K-AY40	6 000 (4 000)
(Total Salary)		(10 000)
38. Allan G. Mueller, Associate Professor of Farm Manage- ment	{S-AY55 H-AY45	6 050 (4 950)
(Total Salary)		(11 000)
(On leave with pay six months from February 1, 1963)		
39. Franklin J. Reiss, Associate Professor of Farm Manage- ment and Land Economics	{C-AY20 S-AY30 E-AY50	2 360 3 540 5 900
(Total Salary)		(11 800)
40. James R. Roush, Associate Professor of Egg and Poultry Extension	{C-AY40 H-AY60	4 000 (6 000)
(Total Salary)		(10 000)
41. Robert B. Schwartz, Associate Professor of Farm Manage- ment Extension	L-AY	(11 000)
42. Robert G. Spitze, Associate Professor	{C-AY25 S-AY50 E-AY25	2 750 5 500 2 750
(Total Salary)		(11 000)
43. George B. Whitman, Associate Professor, <i>Emeritus</i>	R	
44. Delmar F. Wilken, Associate Professor of Farm Manage- ment Extension	{H-AY25 L-AY75	(2 725) (8 175)
(Total Salary)		(10 900)
45. Arnon R. Allen, Assistant Professor of Agricultural Law Extension	L-DY	(10 000)
46. Robert P. Bentz, Assistant Professor of Egg and Poultry Marketing Extension	{E-DY40 K-DY20 L-DY40	3 800 (1 900) (3 800)
(Total Salary)		(9 500)
47. Joseph C. Headley, Assistant Professor of Farm Manage- ment and Production Economics	{C-BY45 S-BY55	4 275 5 225
(Total Salary)		(9 500)
48. Royce A. Hinton, Assistant Professor of Farm Manage- ment	{E-BY50 H-BY50	4 375 (4 375)
(Total Salary)		(8 750)
49. Stephen C. Schmidt, Assistant Professor of Agricultural Marketing and Policy	{C-BY20 S-BY30 H-BY50	1 900 2 850 (4 750)
(Total Salary)		(9 500)
50. Fay M. Sims, Assistant Professor of Farm Management Extension	{E-BY25 L-BY75	2 375 (7 125)
(Total Salary)		(9 500)
51. David A. Storey, Assistant Professor of Agricultural Mar- keting	{C-BY35 H-BY65	3 220 (5 980)
(Total Salary)		(9 200)
52. Harvey J. Schweitzer, Assistant Professor of Rural Soci- ology Extension	L-DY	(10 500)
53. 0.75 Full-time Equivalent Assistants	S-DY	3 815
54. 0.15 Full-time Equivalent Assistants	E-DY	990
Nonacademic Salaries		3 600
Nonacademic Salaries		43 185
Total, Salaries		(395 330)
Wages	S	8 940
Expense	C	2 370
Expense	S	12 300
Equipment	S	1 000
Total, Wages, Expense, and Equipment		(24 610)
Total, Agricultural Economics		\$419 940

Farm Management Service

Account Number 09-15-05-926

1. Donald G. Smith, Assistant Professor of Agricultural Economics.....	BY	\$11 600
<i>Total, Farm Management Service.....</i>		<i>\$11 600</i>

Farm Accounting Revolving

Account Number 12-15-05-326

Nonacademic Salaries.....	S	\$ 8 520
<i>Total, Salaries.....</i>	S	<i>(8 520)</i>
Wages.....	S	3 500
Expense.....	S	8 320
Equipment.....	S	500
<i>Total, Wages, Expense, and Equipment.....</i>	S	<i>(12 320)</i>
<i>Total, Farm Accounting Revolving.....</i>		<i>\$20 840</i>

Auxiliary — Maxwell Farm Operation

Account Number 18-15-05-751

Expense.....		\$5 000
<i>Total, Auxiliary—Maxwell Farm Operation.....</i>		<i>\$5 000</i>

Auxiliary — Troutman Farm Operation

Account Number 18-15-05-783

Expense.....		\$5 000
<i>Total, Auxiliary—Troutman Farm Operation.....</i>		<i>\$5 000</i>

Cooperative Investigations

STATE OF ILLINOIS DEPARTMENT OF AGRICULTURE—MILK PRICING

Account Number 47-15-05-352

1. Gloria B. Tefft, Instructor in Agricultural Economics....	S-ZDY	\$6 000
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Agricultural Engineering

Account Number 00-15-10-100; College 00-15-10-100; Station 00-15-10-300; Extension 00-15-10-400;

1. Frank B. Lanham, Professor and Head of Department....	{ C-AY40 S-AY40 E-AY20	\$ 7 900 7 900 3 950
(Total Salary).....		(19 750)
2. Harold H. Beaty, Professor.....	{ C-AY20 S-AY20 E-AY30 L-AY30	2 700 2 700 4 050 (4 050)
(Total Salary).....		(13 500)
3. Deane G. Carter, Professor, <i>Emeritus</i>	C-R	.....
4. Edwin L. Hansen, Professor.....	{ C-AY40 S-AY60	5 720 8 580
(Total Salary).....		(14 300)
5. Ralph C. Hay, Professor.....	C-ZAY	.....
6. E. W. Lehmann, Professor, <i>Emeritus</i>	C-R	.....
7. R. I. Shawl, Professor, <i>Emeritus</i>	C-R	.....
8. Roger R. Yoerger, Professor.....	{ C-AY40 S-AY60	5 320 7 980
(Total Salary).....		(13 300)
9. Arthur L. Young, Professor, <i>Emeritus</i>	C-R	.....
10. F. W. Andrew, Associate Professor.....	{ E-AY70 L-AY30	8 400 (3 600)
(Total Salary).....		(12 000)
11. Wendell Bowers, Associate Professor.....	{ E-AY65 L-AY35	6 825 (3 675)
(Total Salary).....		(10 500)
12. James O. Curtis, Associate Professor.....	{ C-AY50 S-AY50	5 450 5 450
(Total Salary).....		(10 900)

13. Donnell R. Hunt, Associate Professor.....	{C-AY50	5 800
	{S-AY35	4 060
	{H-AY15	(1 740)
(Total Salary).....		(11 600)
14. D. G. Jedge, Associate Professor.....	{E-AY60	6 840
	{L-AY40	(4 560)
(Total Salary).....		(11 400)
15. Benjamin A. Jones, Jr., Associate Professor.....	{C-AY40	4 860
	{S-AY60	7 290
(Total Salary).....		(12 150)
16. Dwight F. Kampe, Associate Professor.....	{C-AY40	3 960
	{S-AY60	5 940
(Total Salary).....		(9 900)
17. Elwood F. Olver, Associate Professor.....	{C-AY50	5 950
	{S-AY50	5 950
(Total Salary).....		(11 900)
18. Gene C. Shove, Associate Professor.....	{C-AY30	3 300
	{S-AY55	6 050
	{H-AY15	(1 650)
(Total Salary).....		(11 000)
19. Howard L. Wakeland, Associate Professor.....	C-ZAY	.....
20. J. Arthur Weber, Associate Professor.....	{C-AY45	5 400
	{H-AY55	(6 600)
(Total Salary).....		(12 000)
21. H. P. Bateman, Assistant Professor.....	{C-BY10	860
	{S-BY35	3 010
	{H-BY55	(4 730)
(Total Salary).....		(8 600)
22. Peter A. Boving, Assistant Professor.....	{E-DY40	3 480
	{L-DY60	(5 220)
(Total Salary).....		(8 700)
23. Richard N. Fenzl, Assistant Professor.....	{C-BY80	6 700
	{H-BY20	(1 800)
(Total Salary).....		(8 500)
24. Arthur Muehling, Assistant Professor.....	{E-BY35	3 045
	{L-BY65	(5 655)
(Total Salary).....		(8 700)
25. Roland F. Espenschied, Instructor.....	C-ZDY50	4 500
(Total Salary).....		(9 000)
26. Robert L. McFall, Instructor.....	{C-DY50	3 600
	{S-DY50	3 600
(Total Salary).....		(7 200)
27. John A. Replogle, Instructor.....	{S-DY65	4 875
	{H-DY35	(2 625)
(Total Salary).....		(7 500)
28. John C. Siemens, Instructor.....	H-DY75	(5 550)
29. Charles K. Spillman, Assistant.....	{C-DY80	4 000
	{R-DY20	(1 000)
(Total Salary).....		(5 000)
30. 1.05 Full-time Equivalent Assistants.....	C-DY	6 000
31. 2.00 Full-time Equivalent Assistants.....	S-DY	10 410
Nonacademic Salaries.....	C	11 832
Nonacademic Salaries.....	S	42 579
Total, Salaries.....		(256 816)
Wages.....	C	1 500
Wages.....	S	1 500
Expense.....	C	5 700
Expense.....	S	13 790
Equipment.....	C	1 300
Equipment.....	S	1 300
Total, Wages, Expense, and Equipment.....		(25 090)
Total, Agricultural Engineering.....		\$281 906

Agricultural Engineering Income Revolving

Account Number 12-15-10-320

Wages.....	S	\$1 000
Expense.....	S	2 300
<i>Total, Agricultural Engineering Income Revolving.....</i>		<u>\$3 300</u>

Cooperative Investigations

STATE OF ILLINOIS—HIGHWAY DRAINAGE LAWS AND PRACTICES

Account Number 47-15-10-317

1. Carroll J. W. Drablos, Research Associate.....	S-DY	\$7 800
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STATE OF ILLINOIS—HIGHWAY ROADSIDE COVER

Account Number 47-15-10-374

1. Beverly J. Butler, Assistant Professor.....	S-BY	\$9 500
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Agricultural Entomology

Account Number 00-15-12-100; College 00-15-12-100; Station 00-15-12-300; Extension 00-15-12-400

1. George C. Decker, Professor.....	S-AY17	\$ 2 840
(Also State Natural History Survey)		
2. H. B. Petty, Jr., Professor.....	{E-AY65	8 255
(Total Salary).....	{L-AY35	(4 445)
		(12 700)
3. Stevenson Moore III, Associate Professor.....	{E-AY70	7 700
(Total Salary).....	{L-AY30	(3 300)
		(11 000)
4. Clarence E. White, Instructor in Agricultural Entomology Extension.....	L-ZDY30	(2 050)
(Total Salary).....		(7 000)
5. Jean G. Wilson, Research Assistant.....	R-DY	(5 000)
<i>Total, Salaries.....</i>		(18 795)
Expense.....	S	200
<i>Total, Wages, Expense, and Equipment.....</i>		(200)
<i>Total, Agricultural Entomology.....</i>		<u>\$18 995</u>

Cooperative Investigations

U.S.D.A. A6EQ52—PLANT PEST CONTROL

Account Number 46-15-12-415

1. Clarence E. White, Instructor in Agricultural Entomology Extension.....	E-ZDY70	\$4 950
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Agronomy

Account Number 00-15-15-100; College 00-15-15-100; Station 00-15-15-300; Extension 00-15-15-400

1. Morell B. Russell, Professor of Soil Physics and Head of Department.....	{C-AY40	\$ 8 800
	{S-AY40	8 800
	{E-AY20	4 400
(Total Salary).....		(22 000)
2. Walter C. Jacob, Professor of Biometry and Data Processing and Associate Head of Department.....	{C-AY35	5 600
(Total Salary).....	{S-AY65	10 400
		(16 000)
3. Samuel R. Aldrich, Professor of Soil Fertility Extension.....	{E-AY50	7 150
(Total Salary).....	{L-AY50	(7 150)
		(14 300)
4. O. T. Bonnett, Professor, <i>Emeritus</i>	R	.....
5. Roger H. Bray, Professor of Soil Fertility.....	{C-AY10	1 300
(Total Salary).....	{S-AY90	11 700
		(13 000)
6. Ambrose W. Burger, Professor.....	{C-AY80	10 400
(Total Salary).....	{S-AY20	2 600
		(13 000)
7. E. E. DeTurk, Professor, <i>Emeritus</i>	C-R	.....

8. E. B. Earley, Professor of Plant Physiology.....	{C-AY10	1 225
(Total Salary).....	{S-AY90	11 025
		(12 250)
9. James W. Gerdemann, Professor of Plant Pathology....	C-ZAY	.....
10. J. E. Gieseking, Professor of Soil Chemistry.....	{C-AY20	2 380
(Total Salary).....	{S-AY80	9 520
		(11 900)
11. J. C. Hackleman, Professor, <i>Emeritus</i>	L-R	.....
12. Henry H. Hadley, Professor of Plant Genetics.....	{C-AY20	2 450
(Total Salary).....	{S-AY80	9 800
		(12 250)
13. Richard H. Hageman, Professor of Plant Physiology....	{C-AY20	2 600
(Total Salary).....	{S-AY80	10 400
		(13 000)
14. John B. Hanson, Professor of Plant Physiology.....	{C-AY20	2 800
(Total Salary).....	{S-AY80	11 200
		(14 000)
15. C. F. Hottes, Consulting Plant Physiologist, <i>Emeritus</i> ...	S-ZRA	.....
16. Joseph A. Jackobs, Professor of Crop Production.....	{C-AY20	2 600
(Total Salary).....	{S-AY80	10 400
		(13 000)
17. R. W. Jugenheimer, Professor of Plant Genetics.....	C-ZAY	.....
18. Arnold Klute, Professor of Soil Physics.....	{C-AY20	2 600
(Total Salary).....	{S-AY80	10 400
		(13 000)
19. Benjamin Koehler, Professor, <i>Emeritus</i>	C-ZR	.....
20. L. T. Kurtz, Professor of Soil Fertility.....	{C-AY10	1 270
(Total Salary).....	{S-AY90	11 430
		(12 700)
21. A. L. Lang, Professor of Soil Fertility.....	{S-AY90	11 430
(Total Salary).....	{E-AY10	1 270
		(12 700)
22. John R. Laughnan, Professor of Plant Genetics.....	C-ZA	.....
23. Earl R. Leng, Professor of Plant Breeding and Genetics	{C-AY20	2 800
(Total Salary).....	{S-AY80	11 200
		(14 000)
24. C. M. Linsley, Professor of Soil Extension, <i>Emeritus</i>	L-R	.....
25. Sigurd W. Melsted, Professor of Soil Chemistry.....	{C-AY30	4 125
(Total Salary).....	{S-AY70	9 625
		(13 750)
26. Russell T. Odell, Professor of Pedology.....	{C-AY20	3 300
(Total Salary).....	{S-AY80	13 200
		(16 500)
27. Walter O. Scott, Professor of Crop Extension.....	{E-AY75	9 300
(Total Salary).....	{L-AY25	(3 100)
		(12 400)
28. O. H. Sears, Professor, <i>Emeritus</i>	C-R	.....
29. Fred W. Slife, Professor of Crop Production.....	{C-AY20	2 600
(Total Salary).....	{S-AY80	10 400
		(13 000)
30. R. S. Smith, Professor, <i>Emeritus</i>	C-R	.....
31. Frank J. Stevenson, Professor of Soil Chemistry.....	{C-AY20	2 500
(Total Salary).....	{S-AY80	10 000
		(12 500)
32. Edward H. Tyner, Professor of Soil Fertility.....	{C-AY10	1 250
(Total Salary).....	{S-AY65	8 125
(On leave with one-half pay one year from September 1, 1962)	{E-AY25	3 125
		(12 500)
33. D. C. Wimer, Professor, <i>Emeritus</i>	C-R	.....
34. Denton E. Alexander, Associate Professor of Plant Ge-	{C-AY50	6 000
netics.....	{S-AY50	6 000
(Total Salary).....		(12 000)

35. Alvin H. Beavers, Associate Professor of Soil Mineralogy	{C-AY10 S-AY90	1 150 10 350
(Total Salary).....		(11 500)
36. Charles M. Brown, Associate Professor of Plant Breeding	S-AY	10 100
37. J. B. Fehrenbacher, Associate Professor of Pedology....	S-AY	10 000
38. Carl N. Hittle, Associate Professor of Plant Breeding....	{C-AY20 S-AY80	2 400 9 600
(Total Salary).....		(12 000)
(On leave with one-half pay one year from September 1, 1962)		
39. Arthur L. Hooker, Associate Professor.....	C-ZAY	.....
40. J. W. Pendleton, Associate Professor.....	S-AY	11 000
41. Doyle B. Peters, Associate Professor of Soil Physics.....	H-AY30	(4 200)
(Also U. S. Department of Agriculture)		
42. R. S. Stauffer, Associate Professor, <i>Emeritus</i>	S-R	.....
43. Ernest D. Walker, Associate Professor, <i>Emeritus</i>	E-R	.....
44. Herman L. Wascher, Associate Professor of Pedology....	S-AY	10 000
45. Roland O. Weibel, Associate Professor of Plant Breeding	{C-AY10 S-AY90	1 000 9 000
(Total Salary).....		(10 000)
46. John D. Alexander, Assistant Professor of Pedology....	S-BY	8 000
47. C. H. Farnham, Assistant Professor of Crop Production and Soil Fertility.....	S-BY	8 800
48. Thomas D. Hinesly, Assistant Professor of Soil Manage- ment Extension.....	{S-DY25 E-DY45 L-DY30	2 000 3 600 (2 400)
(Total Salary).....		(8 000)
49. Robert W. Howell, Assistant Professor of Physiology....	C-BY	.....
50. P. E. Johnson, Assistant Professor of Soil Fertility.....	{S-BY50 E-BY50	4 400 4 400
(Total Salary).....		(8 800)
51. Ellery L. Knake, Assistant Professor of Weed Extension	{S-BY25 E-BY40 L-BY35	2 425 3 880 (3 395)
(Total Salary).....		(9 700)
52. James C. Lavery, Assistant Professor of Soil Chemistry	{E-BY75 L-BY25	6 150 (2 050)
(Total Salary).....		(8 200)
53. Lloyd J. McKenzie, Assistant Professor of Soil Classifi- cation Extension.....	{E-BY50 L-BY50	4 300 (4 300)
(Total Salary).....		(8 600)
54. L. B. Miller, Assistant Professor of Soil Fertility.....	S-BY	8 200
55. William D. Pardee, Assistant Professor of Forage Crop Extension.....	{S-DY25 E-DY55 L-DY20	2 175 4 785 (1 740)
(Total Salary).....		(8 700)
56. Earl B. Patterson, Assistant Professor of Plant Genetics	H-ZBY57	(4 820)
(Total Salary).....		(8 400)
57. Burton W. Ray, Assistant Professor of Pedology.....	{S-BY80 H-BY20	6 480 (1 620)
(Total Salary).....		(8 100)
58. Burns R. Sabey, Assistant Professor of Soil Microbiology	{C-BY80 S-BY20	7 600 1 900
(Total Salary).....		(9 500)
59. Robert D. Seif, Assistant Professor of Biometry.....	{C-BY50 S-BY50	4 750 4 750
(Total Salary).....		(9 500)
60. H. J. Snider, Assistant Professor, <i>Emeritus</i>	S-R	.....
61. Alfred Tate, Assistant Professor, <i>Emeritus</i>	E-R	.....
62. Alfred U. Thor, Assistant Professor, <i>Emeritus</i>	E-R	.....
63. Joseph T. Woolley, Assistant Professor of Plant Physiol- ogy.....	C-BY	.....
64. _____, Assistant Professor.....	S-DY	8 700
65. C. J. Badger, Associate, <i>Emeritus</i>	S-R	.....

66. David R. Browning, Research Associate.....	S-DY50	4 000
(Also Southern Illinois University)		
67. Hwei-Hsien Cheng, Research Associate in Soil Fertility.....	R-ZDY70	(4 200)
(Total Salary).....		(6 000)
68. ———, Research Associate in Soil Chemistry.....	{S-DY84	6 260
(Total Salary).....	{H-DY16	(1 240)
		(7 500)
69. Lester V. Boone, Assistant in Soil Fertility.....	{S-DY75	4 425
(Total Salary).....	{E-DY25	1 475
		(5 900)
70. Charles E. Fulcher, Assistant in Soil Fertility.....	S-DY	5 600
71. Charles A. Gholson, Assistant in Soil Fertility.....	{S-DY75	4 425
(Total Salary).....	{E-DY25	1 475
		(5 900)
72. Derreld L. Mulvaney, Assistant in Soil Fertility.....	{S-DY75	4 800
(Total Salary).....	{E-DY25	1 600
		(6 400)
73. 2.50 Full-time Equivalent Assistants.....	C-DY	13 100
74. 3.00 Full-time Equivalent Assistants.....	S-DY	15 210
Nonacademic Salaries.....	C	14 220
Nonacademic Salaries.....	S	136 192
<i>Total, Salaries</i>		(674 177)
Wages.....	C	1 500
Wages.....	S	13 750
Expense.....	C	7 500
Expense.....	S	77 415
Equipment.....	C	1 500
Equipment.....	S	10 000
<i>Total, Wages, Expense, and Equipment</i>		(111 665)
<i>Total, Agronomy</i>		\$785 842

Corn Testing Revolving

Account Number 12-15-15-311

1. ———, Assistant.....	S-ZDY50	\$2 650
Nonacademic Salaries.....	S	6 000
<i>Total, Salaries</i>	S	(8 650)
Wages.....	S	5 000
Expense.....	S	3 350
Equipment.....	S	1 500
<i>Total, Wages, Expense, and Equipment</i>		(9 850)
<i>Total, Corn Testing Revolving</i>		\$18 500

Northern Illinois Experiment Field Revolving

Account Number 12-15-15-356

Expense.....	S	\$1 200
Equipment.....	S	800
<i>Total, Northern Illinois Experiment Field Revolving</i>		\$2 000

Soil Testing Revolving

Account Number 12-15-15-478

Wages.....	E	\$1 500
Expense.....	E	3 000
Equipment.....	E	500
<i>Total, Soil Testing Revolving</i>		\$5 000

Cooperative Investigations

ALLIED CHEMICAL CORPORATION FERTILIZER

Account Number 44-15-15-301

1. Hwei-Hsien Cheng, Research Associate in Plant Physiology.....	S-ZDY30	\$1 800
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U.S. ATOMIC ENERGY COMMISSION 791

Account Number 46-15-15-302

1. John Ingle, Research Associate in Plant Physiology.....	S-DY	\$6 000
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U.S. NATIONAL SCIENCE FOUNDATION G9614

Account Number 46-15-15-363

1. Earl B. Patterson, Assistant Professor of Plant Genetics S-ZBY43 \$3 580

Animal Science

Account Number 00-15-20-100; College 00-15-20-100; Station 00-15-20-300; Extension 00-15-20-400

1. O. Burr Ross, Professor and Head of Department	{ C-AY40	\$ 8 600
	{ S-AY40	8 600
	{ E-AY20	4 300
(Total Salary)		(21 500)
2. Donald E. Becker, Professor of Animal Nutrition	{ C-AY40	5 320
	{ S-AY60	7 980
(Total Salary)		(13 300)
3. Sleeter Bull, Professor, <i>Emeritus</i>	C-R	.....
4. Leslie E. Card, Professor, <i>Emeritus</i>	C-R	.....
5. J. L. Edmonds, Professor, <i>Emeritus</i>	C-R	.....
6. Richard M. Forbes, Professor of Nutritional Biochemistry	{ C-AY25	3 325
	{ S-AY75	9 975
(Total Salary)		(13 300)
7. U. S. Garrigus, Professor	{ C-AY40	5 200
	{ S-AY60	7 800
(Total Salary)		(13 000)
8. B. Connor Johnson, Professor of Animal Biochemistry	{ C-AY20	2 800
	{ S-AY80	11 200
(Total Salary)		(14 000)
9. Joseph Kastelic, Professor of Nutritional Biochemistry	{ C-AY40	6 080
	{ S-AY60	9 120
(Total Salary)		(15 200)
10. H. H. Mitchell, Professor, <i>Emeritus</i>	C-R	.....
11. A. V. Nalbandov, Professor of Animal Physiology	{ C-ZAY20	3 040
	{ S-ZAY80	12 160
(Total Salary)		(15 200)
(On leave with pay second semester 1962-63)		
12. Alvin L. Neumann, Professor	{ S-AY60	8 040
	{ C-AY40	5 360
(Total Salary)		(13 400)
13. Horace W. Norton, Professor of Statistical Design and Analysis	{ C-AY25	3 750
	{ S-AY75	11 250
(Total Salary)		(15 000)
14. Elmer Roberts, Professor, <i>Emeritus</i>	C-R	.....
15. H. G. Russell, Professor of Animal Science Extension	{ E-AY70	9 800
	{ L-AY30	(4 200)
(Total Salary)		(14 000)
16. Harold M. Scott, Professor	{ C-AY40	6 640
	{ S-AY60	9 960
(Total Salary)		(16 600)
17. Edwin M. Banks, Associate Professor of Animal Behavior	C-ZA	.....
18. H. W. Bean, Associate Professor	C-ZAY	.....
19. Donald J. Bray, Associate Professor	{ C-AY35	3 500
	{ S-AY65	6 500
(Total Salary)		(10 000)
(On leave with pay six months from August 1, 1962)		
20. B. C. Breidenstein, Associate Professor of Meats Technology	{ C-AY35	3 780
	{ S-AY65	7 020
(Total Salary)		(10 800)
21. George R. Carlisle, Associate Professor of Animal Science Extension	{ E-AY70	8 505
	{ L-AY30	(3 645)
(Total Salary)		(12 150)
22. C. W. Crawford, Associate Professor, <i>Emeritus</i>	C-R	.....
23. H. H. Draper, Associate Professor of Nutritional Biochemistry	{ C-AY30	3 270
	{ S-AY70	7 630
(Total Salary)		(10 900)

24. Philip J. Dziuk, Associate Professor.....	{C-AY40	4 080
(Total Salary).....	{S-AY60	6 120
		(10 200)
25. Efton E. Hatfield, Associate Professor.....	{C-AY40	4 000
(Total Salary).....	{S-AY60	6 000
		(10 000)
26. Aldon H. Jensen, Associate Professor of Animal Nutrition.....	{C-AY40	4 360
(Total Salary).....	{S-AY60	6 540
		(10 900)
27. Sorab P. Mistry, Associate Professor of Biochemistry.....	{C-AY20	2 120
(Total Salary).....	{S-AY80	8 480
		(10 600)
28. Ben A. Rasmusen, Associate Professor of Animal Genetics.....	{C-AY20	2 460
(Total Salary).....	{S-AY80	9 840
		(12 300)
29. Samuel F. Ridlen, Associate Professor of Poultry Extension.....	{E-AY65	7 215
(Total Salary).....	{L-AY35	(3 885)
		(11 100)
30. Waco W. Albert, Assistant Professor.....	{C-BY60	5 100
(Total Salary).....	{S-BY40	3 400
		(8 500)
31. Bud G. Harmon, Assistant Professor of Animal Nutrition.....	{C-BY40	3 280
(Total Salary).....	{S-BY60	4 920
		(8 200)
32. Hugh S. Johnson, Assistant Professor of Poultry Science Extension.....	L-BY	(8 500)
33. Robert G. Kauffman, Assistant Professor of Meats.....	{C-BY40	3 360
(Total Salary).....	{S-BY60	5 040
		(8 400)
34. Garmond S. Smith, Assistant Professor.....	{C-BY30	2 760
(Total Salary).....	{S-BY70	6 440
		(9 200)
35. Donald E. Walker, Assistant Professor of Animal Science Extension.....	{E-BY65	5 785
(Total Salary).....	{L-BY35	(3 115)
		(8 900)
36. J. Elton Zimmerman, Assistant Professor.....	{C-BY50	4 000
(Total Salary).....	{S-BY50	4 000
		(8 000)
37. Marjorie Edman, Research Associate in Nutritional Biochemistry.....	S-DY	6 500
38. ———, Research Associate in Nutritional Biochemistry.....	S-DY37	2 400
39. Terry R. Greathouse, Instructor in Animal Science Extension.....	{E-DY60	5 280
(Total Salary).....	{L-DY40	(3 520)
		(8 800)
40. Bennie B. Doane, Assistant.....	{C-DY20	1 200
(Total Salary).....	{S-DY80	4 800
		(6 000)
41. Donald S. Garrigan, Assistant.....	{C-DY20	1 360
(Total Salary).....	{S-DY80	5 440
		(6 800)
42. Paul E. Lamb, Assistant.....	{C-DY20	1 160
(Total Salary).....	{S-DY80	4 640
		(5 800)
43. Robert C. Thatcher, Assistant.....	S-DY	5 900
44. 3.00 Full-time Equivalent Assistants.....	C-DY	15 330
45. 4.00 Full-time Equivalent Assistants.....	S-DY	20 420
Nonacademic Salaries.....	C	67 455
Nonacademic Salaries.....	S	154 586
Total Salaries.....		(606 276)
Wages.....	C	2 250
Wages.....	S	8 800
Expense.....	C	28 900

Expense.....	S	85 130
Equipment.....	C	5 000
Equipment.....	S	6 250
<i>Total, Wages, Expense, and Equipment</i>		(136 330)
<i>Total, Animal Science</i>		\$742 606

Animal Science Income Revolving

Account Number 12-15-20-320

Expense.....	S	\$140 000
<i>Total, Animal Science Income, Revolving</i>		\$140 000

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE 2G653

Account Number 46-15-20-170

1. Jack L. Smith, Research Associate.....	S-ZDY70	\$4 410
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U.S. ARMY MD544

Account Number 46-15-20-303

1. Sancia Gaetani, Research Associate.....	S-DY	\$ 5 850
2. Roberta B. Hill, Research Associate.....	S-DY	6 000
3. Jack L. Smith, Research Associate.....	ZDY-30	1 890
(Total Salary).....		(6 300)
<i>Total, U.S. Army MD544</i>		\$13 740

U.S. NATIONAL SCIENCE FOUNDATION G13408

Account Number 46-15-20-357

1. H. Devendra Singh, Research Associate.....	S-DY	\$5 850
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U.S. PUBLIC HEALTH SERVICE A2607

Account Number 46-15-20-363

1. K. Dakshinamurti, Research Associate.....	S-DY	\$6 300
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U.S. PUBLIC HEALTH SERVICE A3417

Account Number 46-15-20-364

1. Jean W. Graber, Research Associate.....	S-ZDY50	\$3 100
(Total Salary).....		(6 200)

U.S. PUBLIC HEALTH SERVICE B1200

Account Number 46-15-20-365

1. Debajit K. Biswas, Research Associate.....	S-DY	\$5 850
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U.S. PUBLIC HEALTH SERVICE H2771

Account Number 46-15-20-367

1. Lynda J. Kelley, Assistant.....	S-DY	\$5 000
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U.S. PUBLIC HEALTH SERVICE B1386

Account Number 46-15-20-368

1. Jean W. Graber, Research Associate.....	S-ZDY50	\$3 100
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U.S. PUBLIC HEALTH SERVICE A4730

Account Number 46-15-20-371

1. William E. Rogers, Jr., Research Associate.....	S-DY	\$6 200
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U.S. NATIONAL SCIENCE FOUNDATION G21374

Account Number 46-15-20-374

1. Agnes Csallany, Research Associate.....	S-DY	\$6 000
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Cooperative Extension Service — County Agriculture

Account Number 00-15-25-400

1. Ernest W. Anderson, Professor and Leader of Extension	C-AY30	\$ 3 870
Education and Training.....	E-AY30	3 870
	L-AY40	(5 160)
(Total Salary).....		(12 900)
2. F. E. Longmire, Professor, <i>Emeritus</i>	L-R	.....
3. W. D. Murphy, Professor.....	E-ZAY	.....
4. E. H. Regnier, Professor of Rural Recreation.....	E-ZAY50	6 110
(Total Salary).....	L-ZAY35	(4 290)
		(12 250)

5. Edward J. Barnes, Associate Professor and Assistant State Leader of Farm Advisers.....	{E-AY70 L-AY30	8 050 (3 450)
(Total Salary).....		(11 500)
6. Lawrence J. Biever, Associate Professor and Area 4-H Club Specialist.....	L-AY	(11 400)
7. Henry R. Brunnemeyer, Associate Professor, <i>Emeritus</i>	E-R	.....
8. Gerhard Christenson, Associate Professor and Assistant State Leader of Farm Advisers.....	{E-AY70 L-AY30	8 120 (3 480)
(Total Salary).....		(11 600)
9. W. F. Coolidge, Associate Professor, <i>Emeritus</i>	R	.....
10. Harold H. Gordon, Associate Professor and Assistant State Leader of Farm Advisers.....	{E-AY70 L-AY30	8 260 (3 540)
(Total Salary).....		(11 800)
11. D. M. Hall, Associate Professor and Leader of Extension Studies.....	{E-AY50 L-AY50	5 200 (5 200)
(Total Salary).....		(10 400)
12. Gertrude E. Kaiser, Associate Professor and Assistant Leader of Extension Education and Training.....	{E-AY65 L-AY35	6 500 (3 500)
(Total Salary).....		(10 000)
13. W. F. Lomasney, Associate Professor and Area Specialist in Food Merchandising and Consumer Education....	{E-AY60 L-AY40	7 860 (5 240)
(Total Salary).....		(13 100)
14. Richard O. Lyon, Associate Professor and State 4-H Club Leader.....	{E-AY70 L-AY30	8 225 (3 525)
(Total Salary).....		(11 750)
15. L. E. McKinzie, Associate Professor, <i>Emeritus</i>	E-R	.....
16. Oren L. Whalin, Associate Professor, <i>Emeritus</i>	E-R	.....
17. ———, Associate Professor and Assistant State Leader of Farm Advisers.....	{E-AY60 L-AY40	6 750 (4 500)
(Total Salary).....		(11 250)
18. Erma Cottingham, Assistant Professor, <i>Emerita</i>	E-R	.....
19. George L. Daigh, Jr. Assistant Professor and 4-H Club Specialist.....	{E-BY70 L-BY30	6 195 (2 655)
(Total Salary).....		(8 850)
20. O. L. Hogsett, Assistant Professor and Safety Specialist.....	{E-BY70 L-BY30	5 880 (2 520)
(Total Salary).....		(8 400)
21. Florence Kimmelshue, Assistant Professor, <i>Emerita</i>	E-R	.....
22. Mary A. McKee, Assistant Professor, <i>Emerita</i>	E-R	.....
23. F. H. Mynard, Assistant Professor and 4-H Club Specialist.....	{E-BY65 L-BY35	6 500 (3 500)
(Total Salary).....		(10 000)
24. Fay H. Root, Assistant Professor of Camp and Park Management.....	E-ZBY50	4 850
(Total Salary).....		(9 700)
25. Glen F. Sons, Assistant Professor and Assistant State Leader of Farm Advisers.....	{E-BY65 L-BY35	7 215 (3 885)
(Total Salary).....		(11 100)
26. G. William Stone, Assistant Professor and 4-H Club Specialist.....	{E-BY60 L-BY40	5 640 (3 760)
(Total Salary).....		(9 400)
27. Hubert J. Wetzel, Assistant Professor and 4-H Club Specialist.....	{E-BY60 L-BY40	5 910 (3 940)
(Total Salary).....		(9 850)
28. Arlene Wolfram, Assistant Professor and 4-H Club Specialist.....	{E-BY70 L-BY30	6 160 (2 640)
(Total Salary).....		(8 800)
29. ———, Assistant Professor and 4-H Club Specialist.....	{E-BY70 L-BY30	6 160 (2 640)
(Total Salary).....		(8 800)
30. Mary M. Hoffman, Instructor and 4-H Club Specialist.....	{E-DY50 L-DY50	3 200 (3 200)
(Total Salary).....		(6 400)

31. Fred L. Haegele, Instructor and 4-H Club Specialist.....	{E-DY80	5 280
(Total Salary).....	{L-DY20	(1 320)
32. Delores L. Parrott, Instructor and 4-H Club Specialist.....	{E-DY65	4 770
(Total Salary).....	{L-DY35	(2 580)
33. Robert D. Walker, Instructor and Soil Conservation Specialist.....	{E-DY65	6 565
(Total Salary).....	{L-DY35	(3 535)
34. ———, Instructor and 4-H Club Specialist.....	{E-DY75	5 090
(Total Salary).....	{L-DY25	(1 660)
35. ———, Assistant in Rural Recreation.....	{E-DY60	2 980
(Total Salary).....	{L-DY40	(2 120)
36. 99 Farm Advisers (51.44 Full-time Equivalent).....	E-ZDY	460 995
99 Farm Advisers (15.84 Full-time Equivalent).....	L-ZDY	(142 000)
Total, All Funds (99.00 Full-time Equivalent).....		(887 244)
37. 76 Assistant Advisers (4.87 Full-time Equivalent).....	E-ZDY	32 644
76 Assistant Advisers (23.00 Full-time Equivalent).....	L-ZDY	(154 356)
Total, All Funds (76.00 Full-time Equivalent).....		(510 067)
38. 8 Area Advisers (3.80 Full-time Equivalent).....	E-ZDY	34 580
8 Area Advisers (4.20 Full-time Equivalent).....	L-ZDY	(39 150)
Total, All Funds (8.00 Full-time Equivalent).....	ZDY	(73 730)
Nonacademic Salaries.....	E	27 600
County Secretaries.....	E	240 146
Total, Cooperative Extension Service—County Agriculture.....		\$951 175

Auxiliary — Four-H Memorial Camp Operation

Account Number 18-15-25-780

Nonacademic Salaries.....	\$ 5 340
Total, Salaries.....	(5 340)
Wages.....	10 000
Expense.....	24 000
Equipment.....	1 500
Total, Wages, Expense, and Equipment.....	(35 500)
Total, Auxiliary—Four-H Memorial Camp Operation.....	\$40 840

Agricultural Extension

Account Number 44-15-25-400

1. 99 Farm Advisers (31.72 Full-time Equivalent).....	E-ZDY	\$284 249
2. 76 Assistant Advisers (48.13 Full-time Equivalent).....	E-ZDY	323 910
Total, Agricultural Extension.....		\$608 159

Cooperative Extension Service — County Home

Account Number 00-15-30-400

1. Lulu S. Black, Professor, <i>Emerita</i>	E-R	.....
2. Martha L. Dunlap, Professor.....	E-ZAY	.....
3. Jeannette B. Dean, Associate Professor and Assistant State Leader of Home Advisers.....	{E-AY75	\$ 7 725
(Total Salary).....	{L-AY25	(2 575)
4. Mary S. Ligon, Associate Professor, <i>Emerita</i>	E-R	.....
5. Anna W. Searl, Associate Professor, <i>Emerita</i>	E-R	.....
6. Marian Sympton, Associate Professor and Assistant State Leader of Home Advisers.....	{E-AY70	7 000
(Total Salary).....	{L-AY30	(3 000)
7. Cleo Hall, Assistant Professor and Assistant State Leader of Home Advisers.....	{E-BY75	6 675
(Total Salary).....	{L-BY25	(2 225)
8. Edith Huffman, Assistant Professor and Assistant State Leader of Home Advisers.....	{E-BY55	4 750
(Total Salary).....	{L-BY45	(3 550)
		(8 300)

9. ———, Assistant Professor	{E-DY50	4 200
(Total Salary)	{L-DY50	(4 200)
10. Carol V. Rebbe, Instructor and Assistant State Leader of Home Advisers	{E-DY60	5 340
(Total Salary)	{L-DY40	(3 560)
11. 97 Home Advisers (56.25 Full-time Equivalent)	E-ZDY	375 199
97 Home Advisers (32.99 Full-time Equivalent)	L-ZDY	(220 600)
Total, All Funds (97.00 Full-time Equivalent)		(648 622)
12. 50 Assistant Advisers (1.45 Full-time Equivalent)	E-ZDY	6 315
50 Assistant Advisers (9.59 Full-time Equivalent)	L-ZDY	(41 860)
Total, All Funds (50.00 Full-time Equivalent)		(218 175)
Nonacademic Salaries	E	34 800
County Secretaries	E	223 511
Total, Cooperative Extension Service—County Home		\$675 515

Home Economics Extension

Account Number 44-15-30-400

1. 97 Home Advisers (7.76 Full-time Equivalent)	E-ZDY	\$ 53 511
2. 50 Assistant Advisers (38.96 Full-time Equivalent)	E-ZDY	170 000
Total, Home Economics Extension		\$223 511

Dairy Science

Account Number 00-15-35-100; College 00-15-35-100; Station 00-15-35-300; Extension 00-15-35-400

1. G. W. Salisbury, Professor and Head of Department	{C-AY40	\$ 8 800
(Total Salary)	{S-AY40	8 800
	{E-AY20	4 400
		(22 000)
2. Harry P. Broquist, Professor of Biological Chemistry	{C-AY25	3 500
(Total Salary)	{S-AY75	10 500
		(14 000)
3. J. G. Cash, Professor of Dairy Science Extension	{E-AY65	8 710
(Total Salary)	{L-AY35	(4 690)
		(13 400)
4. Karl E. Gardner, Professor of Nutrition	C-ZAY	.....
5. K. E. Harshbarger, Professor of Nutrition	{C-AY25	3 100
(Total Salary)	{S-AY75	9 300
		(12 400)
6. K. A. Kendall, Professor	{C-AY50	6 125
(Total Salary)	{S-AY50	6 125
		(12 250)
7. Willard O. Nelson, Professor of Bacteriology	{C-ZAY20	2 800
(Total Salary)	{S-ZAY80	11 200
		(14 000)
8. W. B. Nevens, Professor, <i>Emeritus</i>	C-R	.....
9. C. S. Rhode, Professor, <i>Emeritus</i>	C-R	.....
10. Robert W. Touchberry, Professor of Genetics	{C-AY25	3 100
(Total Salary)	{S-AY45	5 450
	{R-AY30	(3 850)
		(12 400)
11. Noland L. Vandemark, Professor of Physiology	{C-AY25	3 550
(Total Salary)	{S-AY75	10 650
		(14 200)
12. W. W. Yapp, Professor, <i>Emeritus</i>	C-R	.....
13. M. H. Alexander, Associate Professor of Dairy Husbandry, <i>Emeritus</i>	C-R	.....
	{C-AY25	2 675
14. Richard E. Brown, Associate Professor of Nutrition	{S-AY62	6 670
(Total Salary)	{H-AY13	(1 355)
(On leave with one-half pay one year from September 1, 1962)		(10 700)

15. John H. Byers, Associate Professor	{C-AY25	2 525
(Total Salary)	{S-AY75	7 575
		(10 100)
16. Leo R. Fryman, Associate Professor of Dairy Science	{E-AY75	7 875
Extension	{L-AY25	(2 625)
(Total Salary)		(10 500)
17. Ray L. Hays, Associate Professor of Physiology	{C-AY20	2 040
(Total Salary)	{S-AY80	8 160
		(10 200)
18. Bruce L. Larson, Associate Professor of Biological Chem-	{C-AY25	2 850
istry	{S-AY75	8 550
(Total Salary)		(11 400)
19. E. E. Ormiston, Associate Professor of Dairy Husbandry	{C-ZAY40	4 560
(Total Salary)	{S-ZAY60	6 840
(Transferred to Trust)		(11 400)
20. Meyer J. Wolin, Associate Professor of Bacteriology	{C-AY25	2 565
(Total Salary)	{S-AY75	7 685
		(10 250)
21. Jack L. Albright, Assistant Professor of Dairy Husbandry	{C-BY50	4 500
(Total Salary)	{S-BY50	4 500
		(9 000)
22. Carl Lee Davis, Assistant Professor of Nutrition	{C-BY25	2 300
(Total Salary)	{S-BY75	6 900
		(9 200)
23. John C. De Fries, Assistant Professor of Genetics	{C-BY25	2 010
(Total Salary)	{S-BY75	6 040
		(8 050)
24. Gerhard W. Harpestad, Assistant Professor of Dairy	{E-BY65	6 110
Science Extension	{L-BY35	(3 290)
(Total Salary)		(9 400)
25. Ralph V. Johnson, Assistant Professor of Dairy Science	{E-BY65	6 110
Extension	{L-BY35	(3 290)
(Total Salary)		(9 400)
26. J. Robert Lodge, Assistant Professor of Physiology	{C-BY10	900
(Total Salary)	{S-BY90	8 100
		(9 000)
27. P. P. Somers, Assistant Professor	{E-BY50	4 750
(Total Salary)	{K-BY50	(4 750)
		(9 500)
28. 3.00 Full-time Equivalent Assistants	C-DY	15 550
29. 3.00 Full-time Equivalent Assistants	S-DY	15 550
Nonacademic Salaries	C	57 780
Nonacademic Salaries	S	135 561
<i>Total, Salaries</i>		(453 341)
Wages	C	9 600
Wages	S	16 300
Expense	C	46 000
Expense	S	57 090
Equipment	C	4 000
Equipment	S	6 500
<i>Total, Wages, Expense, and Equipment</i>		(139 490)
<i>Total, Dairy Science</i>		\$592 831

Dairy Official Testing Revolving

Account Number 12-15-35-316		
Nonacademic Salaries	S	\$21 780
<i>Total, Salaries</i>	S	(21 780)
Wages	S	2 000
Expense	S	5 000
Equipment	S	500
<i>Total, Wages, Expense, and Equipment</i>	S	(7 500)
<i>Total, Dairy Official Testing Revolving</i>		\$29 280

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE RG8753

Account Number 46-15-35-368

1. Charles N. Graves, Research Associate..... DY \$ 5 850

Dixon Springs Experiment Station

Account Number 00-15-40-300

1. R. J. Webb, Superintendent and Professor of Agricultural Research and Extension.....	{S-AY44 E-AY35 H-AY21	\$ 6 100 4 850 (2 900)
(Perquisites University — housing)		
(Total Salary).....		(13 850)
2. Manford E. Mansfield, Professor of Veterinary Research..	S-ZAY17	2 055
(Perquisites University — housing)		
(Total Salary).....		(12 250)
3. H. A. Cate, Associate Professor of Agricultural Extension	{E-AY80 L-AY20	7 760 (1 940)
(Perquisites Employee — housing).....		(300)
(Total Salary).....		(10 000)
4. Leland E. Gard, Associate Professor of Agricultural Research.....	S-AY	9 700
(Perquisites Employee — housing).....		(300)
(Total Salary).....		(10 000)
5. John M. Lewis, Associate Professor of Agricultural Research.....	S-AY	11 000
(Perquisites University — housing)		
6. George E. McKibben, Associate Professor of Agricultural Research and Extension.....	{S-AY75 E-AY25	8 250 2 750
(Total Salary).....		(11 000)
7. George F. Cmarik, Assistant Professor of Agricultural Research.....	S-BY	8 850
8. J. Wilson Courter, Assistant Professor of Horticulture...	S-ZBY25	2 000
(Perquisites Employee — housing).....		(300)
(Total Salary).....		(8 300)
9. Alvan R. Gilmore, Assistant Professor of Forestry.....	S-ZBY45	4 155
(Perquisites Employee — housing).....		(300)
(Total Salary).....		(9 550)
10. F. C. Hinds, Assistant Professor of Agricultural Research	S-DY	8 200
(Perquisites Employee — housing).....		(300)
(Total Salary).....		(8 500)
11. Robert E. Nelson, Associate Extension Forester.....	E-ZBY	.....
Nonacademic Salaries.....	S	137 988
Total, Salaries.....	S	(213 658)
Wages.....	S	3 150
Expense.....	S	79 890
Equipment.....	S	12 000
Total, Wages, Expense, and Equipment.....	S	(95 040)
Total, Dixon Springs Experiment Station.....		\$308 698

Food Technology

Account Number 00-15-50-100; College 00-15-50-100; Station 00-15-50-300

1. Reid T. Milner, Professor and Head of Department.....	{C-AY20 S-AY80	\$ 3 850 15 400
(Total Salary).....		(19 250)
2. Ernest O. Herreid, Professor of Dairy Technology.....	{C-AY20 S-AY80	2 540 10 160
(Total Salary).....		(12 700)
3. Louis B. Howard, Professor.....	C-ZAY	.....
4. Fred A. Kummerow, Professor of Food Chemistry.....	{C-AY20 S-AY80	2 940 11 760
(Total Salary).....		(14 700)
5. Richard R. Marsh, Professor.....	C-ZAY	.....
6. Alvin I. Nelson, Professor of Food Processing.....	{C-AY50 S-AY50	6 650 6 650
(Total Salary).....		(13 300)

7. Z. John Ordal, Professor of Food Microbiology.....	{C-AY20	2 660
(Total Salary).....	S-AY80	10 640
		(13 300)
8. P. H. Tracy, Professor, <i>Emeritus</i>	C-R	.....
9. S. L. Tuckey, Professor of Dairy Technology.....	{C-AY60	8 040
(Total Salary).....	S-AY40	5 360
		(13 400)
10. Robert M. Whitney, Professor of Dairy Technology....	{C-AY30	3 990
(Total Salary).....	S-AY70	9 310
		(13 300)
11. Marvin P. Steinberg, Associate Professor of Food Engi- neering.....	{C-AY30	3 210
(Total Salary).....	S-AY70	7 490
(On leave with pay six months from August 1, 1962)		(10 700)
12. Joseph Tobias, Associate Professor of Dairy Technology..	{C-AY60	6 780
(Total Salary).....	S-AY40	4 520
		(11 300)
13. Lloyd D. Witter, Associate Professor of Food Micro- biology.....	{C-AY30	3 195
(Total Salary).....	S-AY70	7 455
		(10 650)
14. John N. McGill, Assistant Professor.....	{C-BY20	1 760
(Total Salary).....	S-BY80	7 040
		(8 800)
15. Harold K. Wilson, Assistant Professor of Dairy Tech- nology.....	{C-BY30	2 625
(Total Salary).....	S-BY70	6 125
		(8 750)
16. 0.75 Full-time Equivalent Assistants.....	C-DY	3 900
17. 6.00 Full-time Equivalent Assistants.....	S-DY	31 650
Nonacademic Salaries.....	C	9 540
Nonacademic Salaries.....	S	25 500
Total, Salaries.....		(220 740)
Wages.....	S	3 000
Expense.....	C	5 740
Expense.....	S	13 650
Equipment.....	C	2 000
Equipment.....	S	10 000
Total, Wages, Expense, and Equipment.....		(34 390)
Total, Food Technology.....		\$255 130

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE 5368

Account Number 46-15-50-172

1. V. R. Bhalerao, Assistant Professor.....	S-ZBY25	\$ 2 125
(Total Salary).....		(8 500)
2. Toshiro Nishida, Assistant Professor.....	S-ZBY25	2 125
(Total Salary).....		(8 500)
3. Christos Argoudelis, Assistant Professor.....	S-ZDY25	2 100
(Total Salary).....		(7 950)
Total, U.S. Public Health Service 5368.....		\$ 6 350

U.S. ARMY QUARTERMASTER 1709

Account Number 46-15-50-313

1. Lun Shin Wei, Research Associate.....	S-DY	\$ 6 850
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U.S. PUBLIC HEALTH SERVICE 257

Account Number 46-15-50-357

1. Christos Argoudelis, Assistant Professor.....	S-ZDY75	\$ 5 850
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U.S. PUBLIC HEALTH SERVICE 1819

Account Number 46-15-50-366

1. Kaichi Fukazawa, Research Associate.....	S-DY	\$ 5 850
2. Brian L. H. Walker, Research Assistant.....	S-DY	5 000
3. Demetrius Sgoutas, Research Assistant.....	S-DY	5 000

Total, U.S. Public Health Service 1819..... \$15 850

U.S. PUBLIC HEALTH SERVICE 1932R

Account Number 46-15-50-368

- | | | |
|---|---------|----------|
| 1. K. Ananth Narayan, Assistant Professor | S-ZDY80 | \$ 6 800 |
| (Total Salary) | | (8 500) |

U.S. PUBLIC HEALTH SERVICE EF225

Account Number 46-15-50-369

- | | | |
|---|---------|----------|
| 1. V. R. Bhalerao, Assistant Professor | S-ZBY75 | \$ 6 375 |
| 2. Noritaka Watada, Research Associate | S-DY | 6 300 |
| Total, U.S. Public Health Service EF225 | | \$12 675 |

U.S. PUBLIC HEALTH SERVICE H3063

Account Number 46-15-50-371

- | | | |
|---|---------|----------|
| 1. Toshiro Nishida, Assistant Professor | S-ZBY75 | \$ 6 375 |
|---|---------|----------|

U.S. PUBLIC HEALTH SERVICE 5368

Account Number 46-15-50-372

- | | | |
|---|---------|----------|
| 1. K. Ananth Narayan, Assistant Professor | S-ZDY20 | \$ 1 700 |
|---|---------|----------|

Forestry

Account Number 00-15-55-100; College 00-15-55-100; Station 00-15-55-300; Extension 00-15-55-400

- | | | |
|---|----------|----------|
| 1. J. Nelson Spaeth, Professor and Head of Department ... | {C-AY35 | \$ 6 650 |
| | {S-AY40 | 7 600 |
| (Total Salary) | {E-AY25 | 4 750 |
| | | (19 000) |
| 2. William R. Boggess, Professor | {C-AY60 | 7 830 |
| (Total Salary) | {S-AY40 | 5 220 |
| | | (13 050) |
| 3. Ralph W. Lorenz, Professor | {C-AY50 | 6 600 |
| (Total Salary) | {H-AY50 | (6 600) |
| | | (13 200) |
| 4. Charles S. Walters, Professor of Wood Technology and Utilization | {C-AY40 | 5 360 |
| (Total Salary) | {S-AY60 | 8 040 |
| | | (13 400) |
| 5. L. B. Culver, Associate Professor of Forestry Extension | {E-AY50 | 5 825 |
| (Total Salary) | {L-AY50 | (5 825) |
| | | (11 650) |
| 6. Israel I. Holland, Associate Professor of Forestry Economics | {C-AY30 | 3 330 |
| (Total Salary) | {S-AY70 | 7 770 |
| | | (11 100) |
| 7. R. G. Rennels, Associate Professor | {C-AY35 | 3 625 |
| (Total Salary) | {S-AY50 | 5 175 |
| | {H-AY15 | (1 550) |
| | | (10 350) |
| 8. W. Freeman Bulkley, Assistant Professor of Forestry Extension | {E-BY75 | 6 075 |
| (Total Salary) | {L-BY25 | (2 025) |
| | | (8 100) |
| 9. Howard W. Fox, Assistant Professor | S-ZBY67 | 5 600 |
| (Total Salary) | | (8 400) |
| 10. Alvan R. Gilmore, Assistant Professor | H-ZBY55 | (5 095) |
| (Total Salary) | | (9 250) |
| 11. John K. Guiher, Assistant Professor of Wood Technology and Utilization | {C-BY50 | 4 575 |
| (Total Salary) | {H-BY50 | (4 575) |
| | | (9 150) |
| 12. Robert E. Nelson, Assistant Professor of Forestry Extension | {E-ZBY70 | 6 405 |
| (Total Salary) | {L-ZBY30 | (2 745) |
| | | (9 150) |
| 13. Charles E. Olson, Jr., Assistant Professor | {C-ZBY39 | 3 765 |
| (Total Salary) | {H-ZBY15 | (1 385) |
| | | (9 650) |
| 14. Donald H. Percival, Research Assistant Professor of Wood Technology and Utilization | S-ZBY | 6 650 |
| 15. Kenneth R. Peterson, Assistant Professor of Wood Technology and Utilization | {C-BY70 | (2 850) |
| (Total Salary) | {H-BY30 | (9 500) |

16. Duncan A. Harkin, Research Associate.....	{S-DY80	6 360
(Total Salary).....	{R-DY20	(1 590)
		(7 950)
17. Theodore W. Curtin, Instructor in Forestry Extension.....	{E-DY75	5 970
(Total Salary).....	{L-DY25	(1 980)
		(7 950)
18. J. J. Jokela, Instructor and Research Associate.....	{C-DY25	2 250
	{S-DY65	5 850
(Total Salary).....	{H-DY10	(900)
		(9 000)
19. Gary E. Metcalf, Research Assistant.....	{S-DY55	3 325
(Total Salary).....	{H-DY45	(2 725)
		(6 050)
20. 1.50 Full-time Equivalent Assistants.....	C-E	6 375
Nonacademic Salaries.....	C	10 740
Nonacademic Salaries.....	S	5 925
<i>Total, Salaries</i>		(157 640)
Wages.....	C	1 000
Wages.....	S	2 900
Expense.....	C	7 400
Expense.....	S	6 760
Equipment.....	C	500
Equipment.....	S	1 000
<i>Total, Wages, Expense, and Equipment</i>		(19 560)
<i>Total, Forestry</i>		\$177 200

Cooperative Investigations

MRS. C. P. MILLER — SINNISSIPPI FOREST

Account Number 44-15-55-352

1. Howard W. Fox, Assistant Professor..... S-ZBY33 \$ 2 800

U.S. OFFICE OF NAVAL RESEARCH 1834-31

Account Number 46-15-55-355

1. Charles E. Olson, Jr., Assistant Professor..... S-ZBY46 \$ 4 500

Home Economics

Account Number 00-15-60-100; College 00-15-60-100; Station 00-15-60-300; Extension 00-15-60-400

1. Janice M. Smith, Professor of Nutrition and Head of Department.....	{C-AY45	\$ 7 875
	{S-AY30	5 250
(Total Salary).....	{E-AY25	4 375
		(17 500)
2. Kathryn V. Burns, Professor, <i>Emerita</i>	C-R	.....
3. Julia O. Holmes, Professor of Nutrition.....	{C-AY30	3 870
(Total Salary).....	{H-AY70	(9 030)
		(12 900)
4. Pearl Z. Janssen, Professor of Foods.....	C-A	10 500
5. Nellie L. Perkins, Professor, <i>Emerita</i>	C-R	.....
6. E. Evelyn Smith, Professor, <i>Emerita</i>	C-R	.....
7. Frances O. Van Duyne, Professor of Foods.....	{C-AY35	4 970
(Total Salary).....	{S-AY65	9 230
		(14 200)
8. Geraldine E. Acker, Associate Professor of Foods and Nutrition in Home Economics Extension.....	{E-AY65	6 790
(Total Salary).....	{L-AY35	(3 660)
		(10 450)
9. Grace B. Armstrong, Associate Professor, <i>Emerita</i>	C-R	.....
10. Harriet T. Barto, Associate Professor of Dietetics.....	C-A	9 000
11. Mildred Bonnell, Associate Professor of Institutional Management.....	C-A	9 500
(On leave with pay first semester 1962-63)		
12. Pauline N. Brimhall, Associate Professor of Health Extension.....	{E-AY65	6 500
(Total Salary).....	{L-AY35	(3 500)
		(10 000)
13. Fannie M. Brooks, Associate Professor, <i>Emerita</i>	C-R	.....

14. Marilyn M. Dunsing, Associate Professor of Family Economics.....	{C-BY25 S-BY25 H-BY50	3 000 3 000 (6 000)
(Total Salary).....		(12 000)
15. Ruth C. Freeman, Associate Professor, <i>Emerita</i>	S-R	.....
16. Ruth L. Galbraith, Associate Professor of Textiles.....	{C-AY55 H-AY45	6 465 (5 285)
(Total Salary).....		(11 750)
17. Margaret R. Goodyear, Associate Professor of Home Management.....	C-AY	11 400
18. Edna Walls Hatton, Associate Professor, <i>Emerita</i>	C-R	.....
19. Dorothy S. Iwig, Associate Professor, <i>Emerita</i>	E-R	.....
20. Florence M. King, Associate Professor, <i>Emerita</i>	C-R	.....
21. Margueritte B. Lynch, Associate Professor of Family Life in Home Economics Extension.....	{E-AY55 L-AY45	5 750 (4 700)
(Total Salary).....		(10 450)
22. Helen E. McCullough, Associate Professor, <i>Emerita</i>	C-R	.....
23. Queenie B. Mills, Associate Professor of Child Development..... (On leave with one-half pay 1962-63)	C-A	9 800
24. Elizabeth M. Osman, Associate Professor of Foods.....	{C-AY30 H-AY70	3 300 (7 700)
(Total Salary).....		(11 000)
25. Lorraine Trebilcock, Associate Professor of Textile and Clothing.....	C-A	8 800
26. _____, Associate Professor.....	C-AY	10 800
27. Karlyne A. Anspach, Assistant Professor of Textile and Clothing.....	C-B	7 600
28. Robbie G. Blakemore, Assistant Professor of Housing and Home Furnishings.....	C-B	6 500
29. Gertrude L. Borchers, Assistant Professor of Nutrition.....	{S-BY45 H-BY55	3 530 (4 320)
(Total Salary).....		(7 850)
30. Fern Carl, Assistant Professor, <i>Emerita</i>	C-R	.....
31. Elizabeth Dean, Assistant Professor of Health Extension.....	L-BY	(9 100)
32. Clara F. Dodson, Assistant Professor of Home Furnishings Extension.....	L-BY	(7 750)
33. Virginia Guthrie, Assistant Professor of Home Management.....	C-B	7 600
34. Beulah A. Hunzicker, Assistant Professor of Institutional Management..... (Perquisites University — one meal)	C-B	8 700
35. Willis C. Kauffman, Assistant Professor of Housing and Home Furnishings.....	C-B	8 100
36. Glenna H. Lamkin, Assistant Professor of Foods.....	C-B	7 100
37. Millicent V. Martin, Assistant Professor of Child Development.....	C-B	6 500
38. Beula V. McKey, Assistant Professor of Nutrition.....	S-BY	8 400
39. Marjorie E. Mead, Assistant Professor of Clothing Extension.....	{E-DY55 L-DY45	4 510 (3 690)
(Total Salary).....		(8 200)
40. Willie M. Mowrer, Assistant Professor of Family Relationships.....	C-B	8 500
41. Elizabeth M. Nyholm, Assistant Professor of Foods and Nutrition.....	C-B	7 200
42. Glenda L. Pifer, Assistant Professor of Housing and Equipment Extension.....	{E-DY60 L-DY40	4 925 (3 275)
(Total Salary).....		(8 200)
43. Donald W. Rapp, Assistant Professor of Child Development.....	{C-BY75 S-BY25	6 490 2 160
(Total Salary).....		(8 650)
44. K. Virginia Seidel, Assistant Professor of Home Furnishings Extension.....	{E-BY65 L-BY35	6 500 (3 500)
(Total Salary).....		(10 000)

45. Esther Siemen, Assistant Professor of Clothing Extension.	{E-BY60 L-BY40	5 100 (3 400)
(Total Salary).....		(8 500)
46. Robert B. Smith, Assistant Professor of Music.....	C-ZB50	3 650
(Total Salary).....		(7 300)
47. Clareta Walker, Assistant Professor of Family Life Extension.....	{E-BY60 L-BY40	5 220 (3 480)
(Total Salary).....		(8 700)
48. Helen K. Zwolanek, Assistant Professor of Textile and Clothing.....	C-B	7 200
49. ———, Assistant Professor.....	C-B	6 500
50. ———, Assistant Professor.....	{E-BY35 L-BY35	2 730 (2 730)
(Total Salary).....		(5 460)
51. Anne M. Kylen, Research Associate in Foods.....	{S-DY30 H-DY70	2 220 (5 180)
(Total Salary).....		(7 400)
52. Rosemary A. Bowald, Instructor in Textile and Clothing.....	C-D	5 400
53. Nyla M. Gorham, Instructor in Foods and Nutrition Extension.....	{E-DY50 L-DY50	4 000 (4 000)
(Total Salary).....		(8 000)
54. Collene B. King, Instructor in Child Development.....	C-D	5 900
55. James E. Moore, Instructor in Family Relationships.....	{C-DY70 S-DY30	4 270 1 830
(Total Salary).....		(6 100)
56. Jane L. Myers, Instructor in Foods and Nutrition Extension.....	L-DY	(6 500)
57. Bette T. Schaffner, Instructor in Foods.....	C-D	6 400
58. Marjorie A. Sohn, Instructor in Clothing Extension.....	{E-DY70 L-DY30	5 390 (2 310)
(Total Salary).....		(7 700)
59. Betty A. Street, Instructor in Textile and Clothing.....	C-D	6 400
60. ———, Instructor.....	C-D	4 800
61. ———, Instructor.....	C-D75	4 275
62. Eleanor A. Bruce, Assistant in Foods.....	{C-DY15 H-DY85	765 (4 635)
(Total Salary).....		(5 400)
63. Helen M. House, Assistant Instructor in Management..	C-E	5 300
64. Frances M. LaFont, Assistant in Nutrition.....	{S-DY33 H-DY67	1 735 (3 465)
(Total Salary).....		(5 200)
65. Vivian P. Larson, Assistant Instructor in Management..	C-E	5 300
(Perquisites University — one meal)		
66. Nancie M. McCabe, Assistant in Foods.....	{S-DY55 H-DY45	3 245 (2 655)
(Total Salary).....		(5 900)
67. 6.00 Full-time Equivalent Assistants.....	C-DY	30 235
Nonacademic Salaries.....	C	41 430
Nonacademic Salaries.....	S	11 370
<i>Total, Salaries</i>		(425 155)
Wages.....	C	4 960
Wages.....	S	1 000
Expense.....	C	35 160
Expense.....	S	1 700
Equipment.....	C	2 200
Equipment.....	S	1 500
<i>Total, Wages, Expense, and Equipment</i>		(46 520)
<i>Total, Home Economics</i>		\$471 675

Home Economics Cafeteria Revolving

Account Number 12-15-60-212

Nonacademic Salaries.....	\$12 420
<i>Total, Salaries</i>	(12 420)

Wages.....	3 500
Expense.....	25 000
Equipment.....	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(29 500)</i>
<i>Total, Home Economics Cafeteria Revolving.....</i>	<i>\$41 920</i>

Horticulture

Account Number 00-15-65-100; College 00-15-65-100; Station 00-15-65-300; Extension 00-15-65-400

1. Charles J. Birkeland, Professor and Head of Department	{ C-AY40	\$ 7 000
	{ S-AY45	7 875
	{ E-AY15	2 625
(Total Salary).....		(17 500)
2. H. W. Anderson, Professor, <i>Emeritus</i>	C-R	.....
3. Charles Y. Arnold, Professor of Vegetable Crops.....	{ C-AY30	3 690
	{ S-AY70	8 610
(Total Salary).....		(12 300)
4. Arthur S. Colby, Professor, <i>Emeritus</i>	C-R	.....
5. M. J. Dorsey, Professor, <i>Emeritus</i>	C-R	.....
6. Walter A. Huelsen, Professor, <i>Emeritus</i>	C-R	.....
7. M. B. Linn, Professor of Plant Pathology.....	C-ZAY	.....
8. Richard V. Lott, Professor of Pomology.....	{ C-AY20	2 500
	{ S-AY80	10 000
(Total Salary).....		(12 500)
9. J. P. McCollum, Professor of Vegetable Crops.....	{ C-AY25	3 075
	{ S-AY75	9 225
(Total Salary).....		(12 300)
10. V. G. Milum, Professor, <i>Emeritus</i>	C-R	.....
11. James B. Mowry, Professor.....	S-AY50	6 150
(Also Southern Illinois University)		
12. Dwight Powell, Professor of Plant Pathology.....	C-ZAY	.....
13. F. F. Weinard, Professor, <i>Emeritus</i>	C-R	.....
14. Herbert C. Barrett, Associate Professor of Plant Breeding	S-AY	10 000
15. J. R. Culbert, Associate Professor of Floriculture.....	{ C-A25	2 625
	{ S-AY75	7 875
(Total Salary).....		(10 500)
16. Daniel F. Dayton, Associate Professor of Plant Breeding	{ C-AY20	1 050
	{ S-AY30	4 200
	{ H-AY50	(5 250)
(Total Salary).....		(10 500)
17. John B. Gartner, Associate Professor of Floriculture...	{ C-AY25	2 875
	{ S-AY75	8 625
(Total Salary).....		(11 500)
18. Frank W. Owen, Associate Professor.....	{ E-AY65	6 695
	{ L-AY35	(3 605)
(Total Salary).....		(10 300)
19. Roy K. Simons, Associate Professor of Pomology.....	{ C-AY20	2 120
	{ S-AY80	8 480
(Total Salary).....		(10 600)
20. Anson E. Thompson, Associate Professor of Vegetable Crops.....	{ C-AY20	2 100
	{ S-AY50	5 250
	{ H-AY30	(3 150)
(Total Salary).....		(10 500)
21. John S. Titus, Associate Professor of Pomology.....	{ C-AY25	2 925
	{ S-AY75	8 775
(Total Salary).....		(11 700)
(On leave with one-half pay one year from September 1, 1962)		
22. Joseph S. Vandemark, Associate Professor.....	{ C-AY25	2 750
	{ E-AY40	4 400
	{ L-AY35	(3 850)
(Total Salary).....		(11 000)

23. ———, Associate Professor of Floriculture.....	{C-DY25 S-DY50 E-DY25	2 500 5 000 2 500
(Total Salary).....		(10 000)
24. Charles E. Ackerman, Assistant Professor of Floriculture.....	{C-BY25 S-BY75	2 150 6 450
(Total Salary).....		(8 600)
25. J. Wilson Courter, Assistant Professor.....	{E-ZBY50 L-ZBY25	4 000 (2 000)
(Total Salary).....		(8 300)
26. Harleigh R. Kemmerer, Assistant Professor.....	C-ZBY10	1 050
(Total Salary).....		(10 500)
27. Joseph C. McDaniel, Assistant Professor.....	S-BY	8 300
28. William R. Nelson, Jr., Assistant Professor.....	{E-BY70 L-BY30	6 370 (2 730)
(Total Salary).....		(9 100)
29. Ashby M. Rhodes, Assistant Professor.....	S-BY	10 000
30. Lee A. Somers, Assistant Professor, <i>Emeritus</i>	E-R	.....
31. B. L. Weaver, Assistant Professor, <i>Emeritus</i>	C-R	.....
32. Chester C. Zych, Assistant Professor.....	{C-BY25 S-BY75	2 400 7 200
(Total Salary).....		(9 600)
33. ———, Assistant Professor.....	{S-DY25 E-DY75	2 150 6 450
(Total Salary).....		(8 600)
34. Jackie D. Butler, Research Associate.....	{S-DY75 L-DY25	4 500 (1 500)
(Total Salary).....		(6 000)
35. Robert A. Miller, Research Associate.....	{S-DY50 E-DY50	3 600 3 600
(Total Salary).....		(7 200)
36. Elbert V. Wann, Research Associate in Vegetable Crops.....	S-BY	7 500
37. David B. Dickinson, Jr., Instructor in Vegetable Crops.....	{C-DY20 S-DY80	1 380 5 520
(Total Salary).....		(6 900)
38. Gail M. Fosler, Instructor in Floriculture.....	{C-DY25 S-DY75	2 200 6 600
(Total Salary).....		(8 800)
39. John E. Fucik, Instructor in Pomology.....	{C-DY80 S-DY20	5 600 1 400
(Total Salary).....		(7 000)
40. Donald C. Saupe, Instructor in Floriculture.....	{C-DY20 S-DY80	1 360 5 440
(Total Salary).....		(6 800)
41. Wilbur A. Kelley, Research Assistant.....	S-DY	6 400
42. 0.75 Full-time Equivalent Assistants.....	C-DY	4 170
43. 4.00 Full-time Equivalent Assistants.....	S-DY	21 680
Nonacademic Salaries.....	C	14 040
Nonacademic Salaries.....	S	171 060
Total, Salaries.....		(474 065)
Wages.....	C	1 000
Wages.....	S	8 300
Expense.....	C	6 600
Expense.....	S	33 580
Equipment.....	C	1 000
Equipment.....	S	2 300
Total, Wages, Expense, and Equipment.....	S	(52 780)
Total, Horticulture.....		\$526 845

Cooperative Investigations

STATE OF ILLINOIS—HIGHWAY WOODY GROUND COVER

Account Number 47-15-65-393

1. Harleigh R. Kemmerer, Assistant Professor..... S-ZBY90 \$9 450

Plant Pathology

Account Number 00-15-68-100; College 00-15-68-100; Station 00-15-68-300

1. Wayne M. Bever, Professor and Head of Department...	{C-AY50	\$ 9 000
(Total Salary).....	{S-AY50	9 000
2. Lindsay M. Black, Professor.....	C-ZA	(18 000)
3. J. Cedric Carter, Professor.....	C-AY	.....
4. James W. Gerdemann, Professor.....	{C-ZAY50	6 325
(Total Salary).....	{S-ZAY50	6 325
5. David Gottlieb, Professor.....	{C-AY30	(12 650)
(Total Salary).....	{S-AY70	4 500
(On leave with pay six months from March 1, 1963)		10 500
6. Benjamin Koehler, Professor, <i>Emeritus</i>	S-ZR	(15 000)
7. M. B. Linn, Professor.....	{C-ZAY20	2 680
(Total Salary).....	{S-ZAY80	10 720
8. Dwight Powell, Professor.....	{C-ZAY10	(13 400)
(Total Salary).....	{S-ZAY60	1 400
9. H. H. Thornberry, Professor.....	{E-ZAY30	8 400
(Total Salary).....		4 200
10. Arthur L. Hooker, Associate Professor.....	{C-AY20	(14 000)
(Total Salary).....	{S-AY80	2 550
11. Malcolm C. Shurtleff, Associate Professor of Plant Pathology Extension.....	{C-ZAY20	10 200
(Total Salary).....	{S-ZAY80	(12 750)
12. Michael P. Britton, Assistant Professor.....	{C-BY20	2 360
(Total Salary).....	{S-BY70	9 440
13. Donald W. Chamberlain, Assistant Professor.....	{E-BY10	(11 800)
14. Donald P. Taylor, Assistant Professor of Nematology.....	C-BY	1 940
(Total Salary).....	{C-ZBY25	6 790
15. Helen C. Hechler, Research Assistant.....	{S-ZBY50	970
16. Mary R. Phillippe, Research Assistant.....	{H-ZBY25	(9 700)
17. 0.40 Full-time Equivalent Assistants.....	S-DY	2 250
Nonacademic Salaries.....	S-DY	4 550
Nonacademic Salaries.....	C-DY	(2 200)
<i>Total, Salaries</i>	C	(9 000)
Wages.....	S	5 400
Wages.....	S	5 300
Expense.....	C	2 000
Expense.....	S	8 550
Equipment.....	C	5 400
Equipment.....	S	(147 350)
<i>Total, Wages, Expense, and Equipment</i>		300
<i>Total, Plant Pathology</i>		4 300
		1 450
		8 530
		400
		1 000
		(15 980)
		\$163 330

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G9852

Account Number 46-15-68-359

1. Paul D. Shaw, Assistant Professor.....	S-BY	\$9 000
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U.S. PUBLIC HEALTH SERVICE E4258

Account Number 46-15-68-368

1. V. N. Deshpande, Research Associate.....	S-DY	\$5 850
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Veterinary Research

Account Number 00-15-70-300

1. C. A. Brandy, Professor and Head of Department.....	S-ZAY25	\$ 5 500
(Total Salary).....		(22 000)
2. J. O. Alberts, Professor.....	S-ZAY35	6 090
(Total Salary).....		(17 400)
3. Paul D. Beamer, Professor.....	S-ZAY25	3 400
(Total Salary).....		(13 600)
(Transferred to Trust)		
4. Lyle E. Hanson, Professor.....	S-ZAY85	11 815
(Total Salary).....		(13 900)
5. Norman D. Levine, Professor.....	S-ZAY35	5 505
(Total Salary).....		(15 700)
6. Roger P. Link, Professor.....	S-ZAY25	3 875
(Total Salary).....		(15 500)
7. Manford E. Mansfield, Professor of Veterinary Research and Extension.....	{S-ZAY17	2 225
(Total Salary).....	{L-ZAY66	(7 970)
		(12 250)
8. Elwood F. Reber, Professor.....	S-ZAY71	9 230
(Total Salary).....		(13 000)
9. L. E. St. Clair, Professor.....	S-ZAY25	3 675
(Total Salary).....		(14 700)
10. Diego Segre, Professor.....	S-ZA35	4 090
(Total Salary).....		(11 700)
11. Joseph Simon, Professor.....	S-ZAY25	(3 400)
(Total Salary).....		(13 600)
12. _____, Professor.....	S-AY10	1 385
13. Deam H. Ferris, Associate Professor.....	S-ZAY	.....
14. William C. Marquardt, Associate Professor of Veterinary Extension.....	ZA20	2 000
(Total Salary).....		(9 500)
15. Jesse R. Pickard, Associate Professor of Veterinary Ex- tension.....	{E-ZAY30	3 690
(Total Salary).....	{L-ZAY30	(3 690)
		(12 300)
16. George T. Woods, Associate Professor.....	S-ZAY60	7 500
(Total Salary).....		(12 500)
17. _____, Associate Professor.....	H-ZDY45	(4 430)
(Total Salary).....		(11 000)
18. Lloyd C. Helper, Assistant Professor.....	S-ZBY30	2 515
(Total Salary).....		(8 400)
19. William G. Huber, Assistant Professor.....	S-ZBY20	2 320
(Total Salary).....		(11 600)
20. A. H. Safanie, Assistant Professor of Veterinary Medicine	S-ZBY10	1 110
(Total Salary).....		(11 000)
21. Robert L. Brewer, Instructor.....	S-ZDY30	2 220
(Total Salary).....		(7 400)
22. Michel G. Cote, Instructor.....	S-ZDY60	4 800
23. Thomas E. Fritz, Instructor.....	R-ZDY20	(1 700)
(Total Salary).....		(8 200)
(On leave without pay to January 31, 1963)		
24. E. Travis Littledike, Instructor.....	S-ZDY60	4 850
	{E-ZDY20	1 800
25. John K. Winkler, Instructor.....	{L-ZDY80	(7 200)
(Total Salary).....		(9 000)
Nonacademic Salaries.....	S	5 700
Total, Salaries.....	S	(95 295)
Wages.....	S	2 320
Expense.....	S	24 455
Total, Wages, Expense, and Equipment.....	S	(26 775)
Total, Veterinary Research.....		\$122 070

Vocational Agriculture

Account Number 00-15-75-100

1. Melvin Henderson, Professor, <i>Emeritus</i>	C-R	
2. John H. Herbst, Associate Professor.....	C-ZAY50	\$ 5 200
(Total Salary).....		(10 400)
3. John W. Matthews, Associate Professor.....	C-AY	12 250
4. Herbert J. Rucker, Associate Professor, <i>Emeritus</i>	C-R	
5. William H. Witt, Associate Professor.....	C-AY	11 500
6. Roger L. Courson, Instructor.....	C-DY	8 900
7. Roland F. Espenschied, Instructor.....	C-ZDY50	4 500
(Total Salary).....		(9 000)
Nonacademic Salaries.....		12 660
Total, Salaries.....	C	(55 010)
Wages.....	C	550
Expense.....	C	5 760
Total, Wages, Expense, and Equipment.....	C	(6 310)
Total, Vocational Agriculture.....		\$61 320

Vocational Agriculture Revolving

Account Number 12-15-75-270

Nonacademic Salaries.....		\$ 7 380
Total, Salaries.....		(7 380)
Wages.....		1 000
Expense.....		30 000
Equipment.....		2 000
Total, Wages, Expense, and Equipment.....		(33 000)
Total, Vocational Agriculture Revolving.....		\$40 380

Federal Research**Hatch Fund**

Account Number 21-15-00-300

1. Academic Salaries (see H in departmental budgets).....		\$186 295
2. 24.00 Full-time Equivalent Assistants.....		122 173
Nonacademic Salaries.....		117 114
Total, Salaries.....		(425 582)
Wages.....		60 000
Expense.....		255 494
Equipment.....		34 000
Total, Wages, Expense, and Equipment.....		(349 494)
Total, Hatch Fund.....		\$775 076

Regional Research Fund

Account Number 23-15-00-300

1. Academic Salaries (see R in departmental budgets).....		\$ 16 590
2. 6.00 Full-time Equivalent Assistants.....		30 614
Nonacademic Salaries.....		16 868
Total, Salaries.....		(64 072)
Wages.....		25 000
Expense.....		42 203
Equipment.....		8 000
Total, Wages, Expense, and Equipment.....		(75 203)
Total, Regional Research Fund.....		\$139 275

Agricultural Marketing Act Title II

Account Number 28-15-00-300

1. 0.50 Full-time Equivalent Assistants.....		\$ 2 700
Expense.....		3 450
Total, Agricultural Marketing Act Title II.....		\$ 6 150

Federal Extension

Research and Marketing Fund

Account Number 34-15-00-400

1. Academic Salaries (see K in departmental budgets)	\$19 275
2. 0.50 Full-time Equivalent Assistants	2 500
<i>Total, Salaries</i>	(21 775)
Expense	7 125
<i>Total, Research and Marketing Fund</i>	\$28 900

Smith-Lever Fund

Account Number 36-15-00-400

1. Academic Salaries (see L in departmental budgets)	\$1 274 636
Nonacademic Salaries	6 160
<i>Total, Salaries</i>	(1 280 796)
Wages	15 000
Expense	487 278
Equipment	4 000
<i>Total, Wages, Expense, and Equipment</i>	(506 278)
<i>Total, Smith-Lever Fund</i>	\$1 787 074

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

General

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration	\$ 139 550	\$ 39 400	\$ 178 950
Accountancy	332 760	10 770	343 530
Business Education	58 000	3 400	61 400
Business Law	57 200	800	58 000
Economics	478 980	13 500	492 480
Finance	152 350	4 600	156 950
Graduate School of Business Administration	62 900	5 200	68 100
Management	121 640	4 000	125 640
Marketing	146 310	3 700	150 010
<i>Total, Instruction</i>	(1 549 690)	(85 370)	(1 635 060)
<i>Organized Research</i>			
Bureau of Economic and Business Research	95 850	20 000	115 850
<i>Extension and Public Services</i>			
Bureau of Business Management	62 675	9 000	71 675
<i>Total, General</i>	\$1 708 215	\$114 370	\$1 822 585

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Commerce Student Placement Revolving		\$ 1 200	\$ 1 200
Estimated Endowment Income	\$ 27 000	3 000	30 000
Estimated Private Gifts	4 000	1 000	5 000
<i>Total, Instruction</i>	(31 000)	(5 200)	(36 200)
<i>Organized Research</i>			
Bureau of Economic and Business Research			
Revolving		3 500	3 500
Estimated Private Gifts	49 000	14 000	63 000
Estimated United States Contracts	20 000	10 000	30 000
Estimated State Contracts	23 000	3 000	26 000
<i>Total, Organized Research</i>	(92 000)	(30 500)	(122 500)
<i>Extension and Public Services</i>			
Executive Development Program Revolving		35 000	35 000
Business Management Revolving	1 440	17 000	18 440
Estimated Private Gifts	3 000	16 000	19 000
<i>Total, Extension and Public Services</i>	(4 440)	(68 000)	(72 440)
<i>Total, Restricted</i>	\$127 440	\$103 700	\$231 140

Administration

Account Number 00-17-01-100

1. Paul M. Green, Dean.....	ZBY	\$ 23 500
2. C. M. Thompson, Dean and Professor of Economics, <i>Emeritus</i>	R	.....
3. Dorothy Litherland, Associate Dean.....	ZBY	16 900
4. _____, Director of Executive Development Center	ZBY	15 000
5. Stanley C. Robinson, Professor of Business Administra- tion.....	ZAY	.....
6. Case M. Sprenkle, Assistant Dean.....	ZB33	2 900
(Total Salary)		(8 700)
7. John L. Johnson, Director of Commerce Placement and Assistant Professor of Business Administration.....	BY	11 200
8. James P. Tushaus, Assistant Dean.....	ZDY70	7 200
(Total Salary)		(9 800)
(Includes full time in the summer)		
9. _____, Assistant to Dean.....	DY	9 800
10. Dale W. Harrison, Research Associate in Business Ad- ministration.....	ZD25	1 300
(Total Salary)		(3 800)
11. H. David Jenkins, Student Counselor.....	DY80	5 500
12. 0.25 Full-time Equivalent Assistants.....	DY	1 400
Nonacademic Salaries		44 850
<i>Total, Salaries</i>		(139 550)
Wages.....		4 300
Expense		17 100
Contingent.....		3 000
Convention Travel		5 000
Nonrecurring Unassigned		(2 000)
Equipment		10 000
<i>Total, Wages, Expense, and Equipment</i>		(39 400)
<i>Total, Administration</i>		\$178 950

Commerce Student Placement Revolving

Account Number 12-17-01-177

Expense	\$ 1 200
<i>Total, Commerce Student Placement Revolving</i>	\$ 1 200

Executive Development Program Revolving

Account Number 12-17-01-422

Wages.....	\$ 20 000
Expense	15 000
<i>Total, Executive Development Program Revolving</i>	\$ 35 000

Accountancy

Account Number 00-17-05-100

1. C. A. Moyer, Professor and Head of Department.....	A	\$ 18 250
2. Norton M. Bedford, Professor.....	A	16 300
(On leave with pay second semester 1962-63)		
3. Robert I. Dickey, Professor.....	A	16 300
4. Charles H. Griffin, Professor.....	A	11 200
5. Dorothy Litherland, Professor.....	ZAY	.....
6. A. C. Littleton, Professor, <i>Emeritus</i>	R	.....
7. Gaze E. Lukas, Professor.....	A	11 400
8. R. K. Mautz, Professor.....	A	16 300
9. Lloyd Morey, Professor, <i>Emeritus</i>	ZR	.....
10. Hale L. Newcomer, Professor.....	A	14 400
11. Kenneth W. Perry, Professor.....	A	11 500
12. H. T. Scovill, Professor, <i>Emeritus</i>	R	.....
13. Donald H. Skadden, Professor.....	A	11 300
14. E. L. Theiss, Professor, <i>Emeritus</i>	R	.....

15. William E. Thomas, Jr., Professor.....	A	12 200
(On leave without pay 1962-63)		
16. Nelson D. Wakefield, Professor.....	A	11 500
17. Arthur R. Wyatt, Professor.....	A	11 500
18. Vernon K. Zimmerman, Professor.....	A	11 200
19. Gerald D. Brighton, Associate Professor.....	A	9 700
20. Edwin J. Demaris, Associate Professor.....	A	10 500
21. Hellfried P. Holzer, Associate Professor.....	A	10 000
22. Robert E. Schlosser, Associate Professor.....	A	10 400
(On leave with pay second semester 1962-63)		
23. Darwin J. Casler, Assistant Professor.....	B	8 000
24. C. C. DeLong, Assistant Professor.....	ZDY	.....
25. Philip E. Fess, Assistant Professor.....	B	9 100
26. Thomas H. Williams, Assistant Professor.....	B	8 600
(On leave without pay 1962-63)		
27. _____, Assistant Professor.....	B	8 300
28. Lewis C. Buller, Instructor.....	D	4 800
29. Nancy A. Desmond, Instructor.....	D	5 000
30. Willard H. Galliard, Instructor.....	D75	3 600
31. Quentin N. Gerber, Instructor.....	D50	2 400
32. Dale W. Harrison, Instructor.....	ZD50	2 500
(Total Salary)		(3 800)
33. Donald E. Kieso, Instructor.....	D75	3 600
34. Huey N. Lunn, Instructor.....	D50	2 500
35. Billie J. North, Instructor.....	D75	3 600
36. Alfred Rappaport, Instructor.....	D50	2 400
37. James E. Wheeler, Instructor.....	D50	2 400
38. _____, Instructor	D40	2 600
39. 8.25 Full-time Equivalent Assistants.....	E	34 350
Nonacademic Salaries		15 060
Total, Salaries		(332 760)
Expense		10 770
Total, Accountancy		\$343 530

Business Education

Account Number 00-17-10-100		
1. Arnold C. Condon, Professor and Head of Department..	A	\$ 14 000
(On leave with one-half pay 1962-63)		
2. Floyd L. Crank, Associate Professor.....	ZA55	4 800
(Total Salary)		(8 700)
3. Ralph E. Mason, Associate Professor.....	{AY50	5 830
(Total Salary)	{A50	4 770
4. Elizabeth R. Melson, Associate Professor.....	A	10 500
5. Mabel R. Hagan, Assistant Professor, <i>Emerita</i>	ZR	.....
6. Mildred E. Reed, Assistant Professor.....	B	7 500
7. Anna K. Mahaffey, Instructor.....	D	4 800
8. 0.50 Full-time Equivalent Assistants.....	E	2 200
Nonacademic Salaries		3 600
Total, Salaries		(58 000)
Expense		3 400
Total, Business Education.....		\$ 61 400

Business Law

Account Number 00-17-15-100		
1. Kenneth U. Flood, Associate Professor of Business Ad- ministration and Acting Head of Department.....	ZB	\$ 12 000
2. C. C. Curtis, Professor, <i>Emeritus</i>	R	.....
3. E. R. Dillavou, Professor, <i>Emeritus</i>	R	.....
4. Paul C. Roberts, Professor.....	A	12 200
5. Robert N. Corley, Associate Professor.....	A	9 300
6. B. F. Kirkpatrick, Associate Professor.....	A	9 100
7. Robert L. Black, Jr., Assistant Professor.....	B	8 400

8. John B. Hyde, Assistant Professor.....	B50	3 800
9. 0.50 Full-time Equivalent Assistants.....	E	2 400
<i>Total, Salaries</i>		(57 200)
Expense		800
<i>Total, Business Law</i>		\$ 58 000

Economics

Account Number 00-17-20-100

1. J. F. Bell, Professor.....	A}	\$ 19 000
Chairman of Department.....	B}	
2. H. K. Allen, Professor.....	A	16 000
3. V Lewis Bassie, Professor.....	ZAY	.....
4. Royall Brandis, Professor.....	A	11 350
5. Hans J. Brems, Professor.....	A	15 300
6. Pembroke H. Brown, Professor, <i>Emeritus</i>	R	.....
7. W. Ellison Chalmers, Professor.....	ZAY	.....
8. John F. Due, Professor.....	A	16 000
9. Robert Ferber, Professor.....	ZAY	.....
10. Dwight P. Flanders, Professor.....	A	13 300
11. H. M. Gray, Professor.....	A	14 750
12. Robert W. Harbeson, Professor.....	A	12 300
13. Donald R. Hodgman, Professor.....	A	15 000
14. Donald L. Kemmerer, Professor.....	A	14 700
15. Simon Litman, Professor, <i>Emeritus</i>	R	.....
16. D. Philip Locklin, McKinley Professor of the Economics of Public Utilities.....	ZA80	13 300
(Total Salary)		(16 300)
17. E. B. McNatt, Professor.....	A	14 500
18. W. H. McPherson, Professor.....	ZAY	.....
19. W. A. Neiswanger, Professor.....	A	15 500
20. Donald W. Paden, Professor.....	A	12 500
21. John B. Parrish, Professor.....	A	12 800
(On leave with pay second semester 1962-63)		
22. W. C. Robb, Professor, <i>Emeritus</i>	R	.....
23. Lewis E. Wagner, Professor.....	AY	13 000
24. _____, Professor.....	B	14 000
25. Grace Beckett, Associate Professor.....	A	9 200
26. Joseph L. McConnell, Associate Professor.....	A	10 400
27. Walter W. McMahon, Associate Professor.....	A	10 250
28. Paul J. Wells, Associate Professor.....	A	10 000
29. Janet Louise Weston, Associate Professor.....	A	8 500
30. Thomas A. Yancey, Associate Professor.....	A	10 200
(On leave with one-half pay 1962-63)		
31. _____, Associate Professor.....	B50	6 750
32. John W. Birch, Assistant Professor.....	D	8 000
33. Bruce E. Edwards, Assistant Professor.....	D	7 800
34. Robert W. Gillespie, Assistant Professor.....	B	8 600
35. Frederick M. Gotthcil, Assistant Professor.....	B	8 200
36. Frederick Kohlmeyer, Assistant Professor.....	B	8 300
37. Russell L. Moran, Assistant Professor.....	{B35 B65	2 900 (5 100)
(Total Salary)		(8 000)
38. Robert W. Resek, Assistant Professor.....	B	8 100
39. Franklin R. Shupp, Assistant Professor.....	B	9 000
40. Case M. Sprenkle, Assistant Professor.....	ZB67	5 800
(Total Salary)		(8 700)
41. Stanley W. Steinkamp, Assistant Professor.....	B	8 400
42. _____, Assistant Professor.....	B	8 000
43. D. H. Hoover, Associate, <i>Emeritus</i>	R	.....
44. John D. Bowman, Instructor.....	D	7 500
45. Jim E. Davis, Instructor.....	D	7 250

46. Guy A. Schick, Instructor.....	D	7 350
47. 10.75 Full-time Equivalent Assistants.....	E	43 400
Nonacademic Salaries		21 780
<i>Total, Salaries</i>		(478 980)
Expense		13 500
<i>Total, Economics</i>		\$492 480

W. B. McKinley Professorship in the Economics of Public Utilities

Account Number 44-17-20-152

1. D. Philip Locklin, McKinley Professor of the Economics of Public Utilities.....	ZA20	\$ 3 000
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Finance

Account Number 00-17-22-100

1. P. M. Van Arsdell, Professor and Head of Department	A	\$ 17 700
2. Robert O. Harvey, Professor.....	A	12 900
3. Robert W. Mayer, Professor.....	A	13 700
(On leave with pay second semester 1962-63)		
4. Robert I. Mehr, Professor.....	A	15 350
5. R. M. Nolen, Professor, <i>Emeritus</i>	R	.....
6. Richards C. Osborn, Professor.....	A	11 200
7. _____, Professor.....	A	11 400
8. Robert A. Hedges, Associate Professor.....	A	9 200
9. James W. Leonard, Associate Professor.....	A	10 700
10. T. Emerson Cammack, Assistant Professor.....	B	8 200
11. Arthur J. Heins, Assistant Professor.....	B	8 400
12. Bernard J. Kilbride, Assistant Professor.....	D	7 500
13. Paul T. Kinney, Assistant Professor.....	B	9 100
14. 2.50 Full-time Equivalent Assistants.....	E	10 400
Nonacademic Salaries		6 600
<i>Total, Salaries</i>		(152 350)
Expense		4 600
<i>Total, Finance</i>		\$156 950

Graduate School of Business Administration

Account Number 00-17-23-100

1. Paul M. Green, Director.....	ZBY}	.....
Professor of Business Administration.....	AY }	
2. Louis D. Volpp, Associate Director.....	BY}	\$ 13 000
Associate Professor of Business Administration.....	AY}	
3. Louis O. Foster, Visiting Professor.....	E	12 000
4. Kenneth U. Flood, Associate Professor.....	ZB	.....
5. Helmy H. Baligh, Assistant Professor.....	B	8 000
6. Leon E. Richartz, Assistant.....	D	7 500
7. _____, Instructor	DY	6 200
8. 2.25 Full-time Equivalent Assistants.....	DY	12 150
Nonacademic Salaries		4 050
<i>Total, Salaries</i>		(62 900)
Wages.....		1 000
Expense		3 200
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(5 200)
<i>Total, Graduate School of Business Administration</i>		\$ 68 100

Management

Account Number 00-17-25-100

1. A. G. Anderson, Professor, <i>Emeritus</i>	R	.....
2. Leslie A. Bryan, Professor.....	ZAY	.....
3. Paul M. Dauten, Professor.....	A	\$ 10 200
4. M. J. Mandeville, Professor.....	A	14 200
5. Stewart Y. McMullen, Professor.....	A	14 800
6. Earl G. Planty, Professor.....	A	14 200
(On leave without pay second semester 1962-63)		

7. Irvin L. Heckmann, Jr., Associate Professor.....	A	10 700
8. Raymond J. Ziegler, Associate Professor.....	A	10 400
9. H. M. Edwards, Assistant Professor, <i>Emeritus</i>	ZR	.....
10. Robert Golembiewski, Assistant Professor.....	B	8 800
11. Joseph Litterer, Assistant Professor.....	B	9 400
12. Seward E. Robb, Assistant Professor.....	D	7 500
13. _____, Instructor	D	6 000
14. 2.00 Full-time Equivalent Assistants.....	E	8 900
Nonacademic Salaries		6 540
<i>Total, Salaries</i>		(121 640)
Expense		4 000
<i>Total, Management</i>		\$125 640

Marketing

Account Number 00-17-30-100		
1. H. W. Huegy, Professor and Head of Department.....	A	\$ 17 700
2. F. H. Beach, Professor.....	A	13 500
3. P. D. Converse, Professor, <i>Emeritus</i>	R	.....
4. Fred M. Jones, Professor.....	A	12 300
5. Robert V. Mitchell, Professor.....	A	12 500
6. F. A. Russell, Professor, <i>Emeritus</i>	R	.....
7. Hugh G. Wales, Professor.....	A	12 300
8. Nugent Wedding, Professor.....	A	11 600
(On leave with pay second semester 1962-63)		
9. Lloyd M. DeBoer, Associate Professor.....	A	9 600
10. Richard M. Hill, Associate Professor.....	A	10 300
11. Richard D. Millican, Associate Professor.....	A	10 500
12. Donald W. Scotton, Associate Professor.....	A	10 800
13. James P. Tushaus, Instructor.....	ZDY30	2 600
(Total Salary)		(9 800)
14. 3.50 Full-time Equivalent Assistants.....	E	14 300
Nonacademic Salaries		8 310
<i>Total, Salaries</i>		(146 310)
Expense		3 700
<i>Total, Marketing</i>		\$150 010

Bureau of Economic and Business Research

Account Number 00-17-35-300		
1. V Lewis Bassie, Director.....	ZBY	\$ 16 500
2. Robert Ferber, Research Professor of Economics.....	ZAY	16 000
3. Marvin Frankel, Research Professor.....	AY	13 450
4. Joseph D. Phillips, Jr., Research Professor.....	AY	12 200
(On leave without pay 1962-63)		
5. Ruth A. Birdzell, Research Associate.....	DY	7 350
6. 3.85 Full-time Equivalent Assistants.....	DY	18 950
Nonacademic Salaries		11 400
<i>Total, Salaries</i>		(95 850)
Wages.....		2 000
Expense		18 000
<i>Total, Wages, Expense, and Equipment</i>		(20 000)
<i>Total, Bureau of Economic and Business Research</i>		\$115 850

Bureau of Economic and Business Research Revolving

Account Number 12-17-35-370		
Expense		\$ 3 500
<i>Total, Bureau of Economic and Business Research Revolving</i>		\$ 3 500

Bureau of Business Management

Account Number 00-17-40-400		
1. Irwin A. Cochrun, Director.....	BY}	\$ 14 500
Associate Professor of Business Management.....	AY}	

2. Herman S. Hall, Associate Professor, <i>Emeritus</i>	R	.....
3. James R. G. Olson, Assistant Professor of Business Management	BY	9 100
4. Melvin G. Parsons, Jr., Assistant Professor of Business Management	BY	9 200
5. Robert O. Bauer, Instructor in Business Management...	DY	7 000
6. Aline L. Hopkins, Instructor in Business Management..	DY	6 800
7. Don R. Webb, Instructor in Business Management....	DY50	3 300
8. 0.75 Full-time Equivalent Assistants.....	DY	4 075
Nonacademic Salaries		8 700
<i>Total, Salaries</i>		(62 675)
Expense		9 000
<i>Total, Bureau of Business Management</i>		\$ 71 675

Business Management Revolving

Account Number 12-17-40-470

Nonacademic Salaries	\$ 1 440
Expense	17 000
<i>Total, Business Management Revolving</i>	\$ 18 440

COLLEGE OF EDUCATION

General		Wages, Ex- pense, and Equipment	
<i>Instruction</i>	<i>Salaries</i>		<i>Total</i>
Administration	\$ 91 700	\$ 14 950	\$ 106 650
Agricultural Education.....	64 310	3 200	67 510
Education.....	729 660	23 600	753 260
Articulation.....		2 500	2 500
Journal of Educational Theory.....		4 000	4 000
Student Teaching.....		60 984	60 984
Home Economics Education.....	30 345	3 700	34 045
Industrial Education.....	38 950	7 600	46 550
University Council on Teacher Education			
Administration.....	31 950	4 600	36 550
Illinois Curriculum Program.....		5 000	5 000
Placement and Follow-Up.....	64 405	21 200	85 605
Teacher-Training Counseling.....	71 205	300	71 505
<i>Total, Instruction</i>	(1 122 525)	(151 634)	(1 274 159)
<i>Organized Activities Relating to Instruction</i>			
University High School.....	186 550	16 360	202 910
<i>Organized Research</i>			
Bureau of Educational Research — General..	146 690	13 060	159 750
Institute for Research on Exceptional			
Children.....	70 870	2 950	73 820
<i>Total, Organized Research</i>	(217 560)	(16 010)	(233 570)
<i>Extension and Public Services</i>			
Bureau of Educational Research — Evaluation	46 670	3 250	49 920
<i>Total, General</i>	\$1 573 305	\$187 254	\$1 760 559

Restricted

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Instruction</i>			
Teacher Placement and Follow-Up Revolving		\$ 3 000	\$ 3 000
Estimated United States Contracts.....	\$ 34 000	8 000	42 000
<i>Total, Instruction</i>	(34 000)	(11 000)	(45 000)
<i>Organized Activities Relating to Instruction</i>			
Industrial Education Revolving.....		1 500	1 500
Estimated United States Contracts.....	17 000	6 000	23 000
<i>Total, Organized Activities Relating to Instruction</i>	(17 000)	(7 500)	(24 500)

Restricted (Concluded)		<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Organized Research</i>	<i>Salaries</i>		
University High School Mathematics Publications.....		10 000	10 000
Estimated Indirect Costs.....	10 000	15 000	25 000
Estimated Private Gifts.....	173 000	77 000	250 000
Estimated United States Contracts.....	250 000	100 000	350 000
Estimated State Contracts.....	20 000	5 000	25 000
<i>Total, Organized Research</i>	(453 000)	(207 000)	(660 000)
<i>Extension and Public Services</i>			
Education Testing Revolving.....	7 410	31 070	38 480
<i>Total, Restricted</i>	\$511 410	\$256 570	\$767 980

Administration

Account Number 00-20-01-100		
1. Alonzo G. Grace, Dean.....	DY	\$ 22 500
2. Charles M. Allen, Associate Dean.....	ZBY	.....
3. Rupert N. Evans, Associate Dean.....	ZDY	16 450
4. F. H. Finch, Coordinator of Graduate Study.....	BY}	15 800
Professor of Education.....	AY}	
5. Raymond E. Williams, Assistant Dean and Assistant Professor of Education.....	ZBY50	5 350
(Total Salary)		(10 700)
Nonacademic Salaries		31 600
<i>Total, Salaries</i>		(91 700)
Wages.....		650
Expense		3 200
Contingent.....		5 000
Convention Travel		5 700
Nonrecurring Unassigned		(2 000)
Equipment		400
<i>Total, Wages, Expense, and Equipment</i>		(14 950)
<i>Total, Administration</i>		\$106 650

Agricultural Education

Account Number 00-20-05-100		
1. Lloyd J. Phipps, Professor.....	AY	\$ 15 150
2. H. M. Hamlin, Professor, <i>Emeritus</i>	R	.....
3. _____, Professor	AY	18 600
4. Paul E. Hemp, Associate Professor.....	AY	10 150
5. Alfred H. Krebs, Associate Professor.....	ZAY50	5 500
(Total Salary)		(11 000)
(On leave with pay six months from February 1, 1963)		
6. James R. Warmbrod, Assistant Professor.....	DY	8 800
7. 0.50 Full-time Equivalent Assistants.....	E	2 150
Nonacademic Salaries		3 960
<i>Total, Salaries</i>		(64 310)
Wages.....		400
Expense		2 700
Equipment		100
<i>Total, Wages, Expense, and Equipment</i>		(3 200)
<i>Total, Agricultural Education</i>		\$ 67 510

Education

Account Number 00-20-10-100		
1. Archibald W. Anderson, Professor.....	A	\$ 11 100
2. J. Myron Atkin, Professor.....	A	11 500
3. Fred P. Barnes, Professor.....	A	11 550
4. Thomas E. Benner, Professor, <i>Emeritus</i>	R	.....
5. G. M. Blair, Professor.....	A	10 850
6. Harry S. Broudy, Professor.....	A	13 100

7. R. Will Burnett, Professor.....	A	12 450
8. A. W. Clevenger, Professor, <i>Emeritus</i>	R	
9. John J. DeBoer, Professor.....	A	11 300
10. Gilbert C. Finlay, Professor.....	A	11 500
11. Lawrence A. Fisher, Professor.....	BY	.....
(See Chicago)		
12. James J. Gallagher, Professor.....	ZA25	2 810
(Total Salary)		(11 300)
13. Coleman R. Griffith, Professor, <i>Emeritus</i>	ZR	.....
14. Norman E. Gronlund, Professor.....	A	10 100
15. Harold C. Hand, Professor.....	A	15 650
16. Kenneth B. Henderson, Professor.....	A	12 300
17. R. Stewart Jones, Professor.....	A	11 700
(On leave with pay second semester 1962-63)		
18. Walter V. Kaulfers, Professor.....	A	10 000
19. G. C. Kettelkamp, Professor.....	AY	13 000
20. Samuel A. Kirk, Professor.....	ZAY25	4 900
(Total Salary)		(19 550)
21. Clyde G. Knapp, Professor.....	A	10 500
22. John E. McGill, Professor.....	A	10 350
(On leave with pay second semester 1962-63)		
23. Lawrence E. Metcalf, Professor.....	A	10 400
24. Perry E. Miller, Professor.....	A	14 500
(On leave with pay first semester 1962-63)		
25. Walter J. Moore, Professor.....	A	10 500
26. T. Ernest Newland, Professor.....	A	10 000
27. C. W. Odell, Professor, <i>Emeritus</i>	R	.....
28. Merle M. Ohlsen, Professor.....	A	12 550
29. Cecil H. Patterson, Professor.....	ZDY50	7 200
(Total Salary)		(14 400)
30. Robert E. Pingry, Professor.....	ZA55	6 395
(Total Salary)		(11 650)
31. Fred C. Proff, Professor.....	A	10 600
32. C. W. Sanford, Professor.....	ZAY	.....
33. Harold A. Schultz, Professor of Art Education.....	ZA33	4 310
(Total Salary)		(12 900)
(On leave with pay second semester 1962-63)		
34. J. H. Shores, Professor.....	A	11 800
35. Ray H. Simpson, Professor.....	A	12 100
36. W. O. Stanley, Professor.....	A	12 050
37. Celia B. Stendler, Professor.....	A	11 350
38. M. R. Sumption, Professor.....	BY	14 000
39. Joe R. Burnett, Associate Professor.....	A	8 750
40. Kenneth Burns, Associate Professor.....	ZA40	3 400
(Total Salary)		(8 500)
41. Basil Castaldi, Associate Professor.....	A	9 600
42. Floyd L. Crank, Associate Professor.....	ZA45	3 900
(Total Salary)		(8 700)
43. Dora E. Damrin, Associate Professor.....	ZAY20	2 170
(Total Salary)		(10 800)
44. L. B. Fisher, Associate Professor.....	ZAY50	6 625
(Total Salary)		(13 250)
45. Robert A. Henderson, Associate Professor.....	ZA50	4 750
(Total Salary)		(9 500)
46. W. E. Harnish, Associate Professor, <i>Emeritus</i>	R	.....
47. Stephen P. Hencley, Associate Professor.....	A	9 600
48. Ann E. Jewett, Associate Professor.....	ZA75	6 715
(Total Salary)		(8 950)
49. Charles E. Johnson, Associate Professor.....	A	9 700
(On leave with pay first semester 1962-63)		
50. Colleen J. Kirk, Associate Professor.....	ZA50	4 445
(Total Salary)		(8 900)
51. Kenneth M. Lansing, Associate Professor.....	ZA50	4 450
(Total Salary)		(8 900)

52. Theodore Manolakes, Associate Professor.....	AY}	
Head of Student Teaching.....	BY}	10 900
53. Lloyd E. McCleary, Associate Professor.....	A	10 100
54. Liesette J. McHarry, Associate Professor, <i>Emerita</i>	R	.....
55. Charles J. McIntyre, Associate Professor.....	ZAY	.....
56. Foster McMurray, Associate Professor.....	A	8 550
57. G. W. Reagan, Associate Professor, <i>Emeritus</i>	R	.....
58. J. Richard Suchman, Associate Professor.....	A	9 500
59. Maurice Tatsuoka, Associate Professor.....	B	9 250
60. _____, Associate Professor.....	A50	4 200
61. Alfred L. Brophy, Jr., Assistant Professor.....	D	7 650
62. Richard J. Colwell, Assistant Professor.....	ZB50	4 250
(Total Salary)		(8 500)
63. Thomas E. Culliton, Jr., Assistant Professor.....	D	8 050
64. William H. Evans, Assistant Professor.....	B	8 300
65. Orrin E. Gould, Assistant Professor.....	B	8 350
66. Mabel R. Hagan, Assistant Professor, <i>Emerita</i>	ZR	.....
67. Frances L. Johnson, Assistant Professor.....	ZB50	3 500
(Total Salary)		(7 000)
68. Nell C. B. Johnston, Assistant Professor, <i>Emerita</i>	R	.....
69. John R. Palmer, Assistant Professor.....	D	8 500
70. William D. Phillips, Assistant Professor.....	ZD43	3 500
(Total Salary)		(8 150)
71. Robert L. Spaulding, Assistant Professor.....	D	8 100
72. _____, Assistant Professor.....	B	7 200
73. _____, Assistant Professor.....	D	8 000
74. _____, Assistant Professor.....	D	7 500
75. _____, Assistant Professor.....	B	7 500
76. _____, Assistant Professor.....	D	9 160
77. _____, Assistant Professor.....	D	8 000
78. _____, Assistant Professor.....	D	8 000
79. Harry F. Breen, Jr., Instructor.....	ZD50	3 550
(Total Salary)		(7 100)
80. Edward T. O'Meara, Research Assistant.....	ZDY50	2 750
(Total Salary)		(5 500)
81. 10.12 Full-time Equivalent Assistants.....	E	45 905
82. 8.25 Student Teaching Assistants.....	E	41 525
83. 0.50 Full-time Equivalent Assistant.....	DY	2 640
Nonacademic Salaries		48 710
<i>Total, Salaries</i>		(729 660)
Wages.....		6 350
Wages, Student Teaching.....		35 080
Expense, General		16 650
Expense, Student Teaching.....		25 904
Expense, Education Articulation.....		2 500
Expense, Journal of Educational Theory.....		4 000
Equipment.....		600
<i>Total, Wages, Expense, and Equipment</i>		(91 084)
<i>Total, Education</i>		\$820 744

Cooperative Investigations

U.S. OFFICE OF VOCATIONAL REHABILITATION G-5

Account Number 46-20-10-116

1. Cecil H. Patterson, Professor of Education..... ZDY50 \$ 7 200

U.S. OFFICE OF EDUCATION SAE 9299

Account Number 46-20-10-160

1. Warren C. Bonney, Visiting Lecturer in Education.... E \$ 9 500

U.S. OFFICE OF VOCATIONAL REHABILITATION RD-740

Account Number 46-20-20-362

1. Daniel Householder, Research Assistant in Education.. DY \$ 6 300

Home Economics Education

Account Number 00-20-15-100

1. _____, Professor	A	\$ 10 600
2. Letitia E. Walsh, Professor, <i>Emerita</i>	R	.....
3. Mary E. Mather, Associate Professor	ZA80	6 720
(Total Salary)		(8 400)
4. Elizabeth J. Simpson, Associate Professor	A	9 350
5. 0.75 Full-time Equivalent Assistants	E	3 675
Total, Salaries		(30 345)
Wages		2 300
Expense		1 300
Equipment		100
Total, Wages, Expense, and Equipment		(3 700)
Total, Home Economics Education		\$ 34 045

Industrial Education

Account Number 00-20-20-100

1. Rupert N. Evans, Professor	ZAY	.....
2. A. B. Mays, Professor, <i>Emeritus</i>	R	.....
3. Donald G. Lux, Associate Professor	ZD80	\$ 8 750
(Total Salary)		(10 400)
(On leave without pay two years from September 1, 1962)		
4. Robert A. Tinkham, Associate Professor	A	8 750
5. _____, Associate Professor	A	7 950
6. _____, Associate Professor	D50	5 000
7. William J. Schill, Assistant Professor	D	8 500
Total, Salaries		(38 950)
Wages		1 900
Expense		5 500
Equipment		200
Total, Wages, Expense, and Equipment		(7 600)
Total, Industrial Education		\$ 46 550

Industrial Education Revolving

Account Number 12-20-20-270

Expense	\$ 1 500
Total, Industrial Education Revolving	\$ 1 500

University Council on Teacher Education**Administration**

Account Number 00-20-25-100

1. Charles M. Allen, Coordinator	ZBY	\$ 17 700
Nonacademic Salaries		14 250
Total, Salaries		(31 950)
Wages		1 500
Expense		2 450
Expense, Illinois Curriculum Program		5 000
Equipment		650
Total, Wages, Expense, and Equipment		(9 600)
Total, Administration		\$ 41 550

Placement and Follow-Up

Account Number 00-20-30-100

1. J. Marlowe Slater, Head of Teacher Placement	BY}	\$ 13 700
Associate Professor of Education	AY}	
2. M. Dale Baughman, Associate Professor of Education	AY	10 400
3. Bennett Reimer, Instructor in Education	ZDY50	4 425
(Total Salary)		(8 850)
4. 1.50 Full-time Equivalent Assistants	DY	7 920
Nonacademic Salaries		27 960
Total, Salaries		(64 405)

Wages.....	1 800
Expense.....	17 900
Expense, Educational Service.....	1 000
Equipment.....	500
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(21 200)</i>
<i>Total, Placement and Follow-Up.....</i>	<i>\$ 85 605</i>

TEACHER PLACEMENT AND FOLLOW-UP REVOLVING

Account Number 12-20-30-170

Expense.....	\$ 3 000
<i>Total, Teacher Placement and Follow-Up Revolving..</i>	<i>\$ 3 000</i>

Teacher Training Counseling

Account Number 00-20-35-100

1. Raymond E. Williams, Head of Counseling Service....	ZBY50	\$ 5 350
(Total Salary)		(10 700)
2. Julius N. Hook, Counselor.....	ZD45	6 060
(Total Salary)		(13 400)
3. J. F. Jackson, Counselor.....	ZD10	1 230
(Total Salary)		(12 300)
4. John J. O'Neill, Counselor.....	ZD20	2 400
(Total Salary)		(14 500)
5. Harold A. Schultz, Counselor.....	ZD17	2 140
(Total Salary)		(12 900)
(On leave with pay second semester 1962-63)		
6. Wilson N. Stewart, Counselor.....	ZD19	2 630
(Total Salary)		(13 800)
(On leave without pay first semester 1962-63)		
7. Velma K. Wilson, Counselor.....	ZD33	3 505
(Total Salary)		(10 550)
8. Kenneth Burns, Counselor.....	ZD15	1 275
(Total Salary)		(8 500)
9. Joseph S. Flores, Counselor.....	ZA17	1 760
(Total Salary)		(10 300)
10. Colleen J. Kirk, Counselor.....	ZD17	1 480
(Total Salary)		(8 900)
11. Alfred H. Krebs, Counselor.....	ZDY50	5 500
(Total Salary)		(11 000)
(On leave with pay six months from February 1, 1963)		
12. Donald G. Lux, Counselor.....	ZD20	1 650
(Total Salary)		(10 400)
13. Mary E. Mather, Counselor.....	ZD20	1 680
(Total Salary)		(8 400)
14. J. William Peters, Counselor.....	ZD20	2 110
(Total Salary)		(10 550)
15. Richard J. Colwell, Counselor.....	ZD17	1 450
(Total Salary)		(8 500)
16. Beulah J. Drom, Counselor.....	ZD10	785
(Total Salary)		(7 850)
17. Enid Schnauber, Counselor.....	ZD20	1 500
(Total Salary)		(7 500)
18. Mary Lucille Shay, Counselor.....	ZD50	4 300
(Total Salary)		(8 600)
19. James R. Squire, Counselor.....	ZB16	1 420
(Total Salary)		(4 250)
20. Edward H. Heath, Counselor.....	ZD50	3 400
(Total Salary)		(6 800)
21. Roy J. Keller, Counselor.....	ZD35	2 030
(Total Salary)		(5 800)
22. Marilyn R. Pfederer, Counselor.....	ZD17	1 170
(Total Salary)		(6 900)
23. Marjorie A. Souder, Counselor.....	ZD20	1 300
(Total Salary)		(6 500)

24. 1.40 Full-time Equivalent Assistants.....	E	6 800
25. 1.50 Full-time Equivalent Assistants.....	DY	8 280
<i>Total, Salaries</i>		(71 205)
Wages.....		100
Expense		200
<i>Total, Wages, Expense, and Equipment</i>		(300)
<i>Total, Teacher Training Counseling</i>		\$ 71 505

University High School

Account Number 00-20-45-200

1. David M. Jackson, Principal.....	BY}	\$ 14 750
Professor of Education.....	AY}	
2. Max Beberman, Professor of Education.....	{A43	6 410
(Total Salary)	{A57	(8 440)
3. Ella Leppert, Professor of Education.....	A	(14 850)
4. Pauline E. Changnon, Associate Professor of Education A		10 650
(On leave with pay second semester 1962-63)		8 300
5. David A. Page, Associate Professor of Education.....	ZAY62	8 420
(Total Salary)		(13 550)
6. W. L. Shoemaker, Associate Professor of Education..	A	8 700
7. Paul Westmeyer, Assistant Professor of Education....	D	8 850
8. ———, Research Associate in Education.....	D75	6 700
9. Roger K. Brown, Instructor in Education.....	D	8 600
10. Louis Connick, Instructor in Education.....	D	6 800
11. Daniel A. Lindley, Jr., Instructor in Education.....	D	6 300
12. Frances D. Wilson, Instructor in Education, <i>Emerita</i> ..	R	.....
13. ———, Instructor in Education.....	D50	2 750
14. Robert G. Carlier, Assistant in Education.....	E	6 000
15. George J. Drew, Assistant in Education.....	E	5 600
16. Mary E. Griffith, Assistant in Education.....	E	5 400
17. William T. Hale, Assistant in Education.....	ZE82	6 350
(Total Salary)		(7 700)
18. Thomas T. Morgan, Assistant in Education.....	E	5 600
19. David W. Pease, Jr., Assistant in Education.....	E	5 400
20. William E. Pulliam, Assistant in Education.....	E	5 100
21. Carol Ann Unzicker, Assistant in Education.....	E	5 100
22. Marie G. Wyatt, Assistant in Education.....	E	5 300
23. ———, Assistant in Education.....	E	5 600
24. 3.25 Full-time Equivalent Assistants.....	E	19 890
Nonacademic Salaries		13 980
<i>Total, Salaries</i>		(186 550)
Wages.....		1 560
Expense		12 300
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(16 360)
<i>Total, University High School</i>		\$202 910

University High School Mathematics Publications Revolving

Account Number 12-20-45-386

Expense	\$ 10 000
<i>Total, University High School Mathematics Publications Revolving</i>	\$ 10 000

Cooperative Investigations

CARNEGIE CORPORATION — COOPERATIVE PROGRAMS IN ARITHMETIC

Account Number 44-20-45-310

1. David A. Page, Associate Professor of Education.....	ZAY13	\$ 1 740
2. Claryce L. Evans, Research Associate in Education....	D50	2 950
<i>Total, Carnegie Corporation — Cooperative Programs in Arithmetic</i>		\$ 4 690

CARNEGIE CORPORATION — COOPERATIVE PROGRAMS IN MATHEMATICS
Account Number 44-20-45-312

1. Gertrude Hendrix, Research Assistant Professor of Education B \$ 11 500

U.S. OFFICE OF EDUCATION 711151.01

Account Number 46-20-45-363

1. M. Eleanor McCoy, Research Assistant Professor of Education D \$ 10 000
2. Clifford W. Tremblay, Research Associate in Education DY 9 900
3. Herbert Wills, Research Associate in Education..... DY 11 000
Total, U.S. Office of Education 711151.01..... \$ 30 900

Bureau of Educational Research

Account Number 00-20-50-300

1. William P. McLure, Director..... BY} \$ 15 550
Professor of Education..... AY}
2. David P. Ausubel, Professor of Education..... AY 14 700
3. Lee J. Cronbach, Professor of Education..... ZAY 21 550
4. Nathaniel L. Gage, Professor of Education..... ZAY 16 600
5. M. Ray Karnes, Professor of Education..... AY 17 000
6. B. Othanel Smith, Professor of Education..... A 15 350
7. Henry F. Kaiser, Associate Professor of Education... ZAY 12 700
8. 3.00 Full-time Equivalent Assistants..... DY 15 840
Nonacademic Salaries 17 400
Total, Salaries (146 690)
Wages..... 4 700
Expense 8 260
Equipment 100
Total, Wages, Expense, and Equipment..... (13 060)
Total, Bureau of Educational Research..... \$159 750

Cooperative Investigations

U.S. OFFICE OF EDUCATION SAE 7257

Account Number 46-20-50-316

1. Milton O. Meux, Research Assistant Professor of Education DY \$ 9 700

U.S. PUBLIC HEALTH SERVICE M1839

Account Number 46-20-50-367

1. Goldine C. Gleser, Research Associate Professor of Education DY25 \$ 3 000

Office of Educational Testing

Account Number 00-20-60-400

1. J. Thomas Hastings, University Examiner and Director of Office of Educational Testing..... BY} \$ 16 100
Professor of Education..... AY}
2. Philip J. Runkel, Associate Director..... BY} 12 400
Associate Professor of Education..... AY}
3. 1.00 Full-time Equivalent Assistants..... DY 5 280
Nonacademic Salaries 12 890
Total, Salaries (46 670)
Wages..... 700
Expense 2 450
Equipment 100
Total, Wages, Expense, and Equipment..... (3 250)
Total, Office of Educational Testing..... \$ 49 920

Educational Testing Revolving

Account Number 12-20-60-482

Nonacademic Salaries \$ 7 410
Total, Salaries (7 410)

Wages.....	10 070
Expense.....	21 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(31 070)</i>
<i>Total, Educational Testing Revolving.....</i>	<i>\$ 38 480</i>

Institute for Research on Exceptional Children

Account Number 00-20-70-300

1. Samuel A. Kirk, Director.....	ZBY75	\$ 14 650
(Total Salary)		(19 550)
2. James J. Gallagher, Professor.....	ZA75	8 490
(Total Salary)		(11 300)
3. Lawrence M. Stolurow, Professor of Education.....	ZA50	5 800
(Total Salary)		(11 600)
4. Bernard Farber, Associate Professor.....	ZAY60	6 900
(Total Salary)		(11 500)
5. Robert A. Henderson, Associate Professor.....	ZA50	4 750
(Total Salary)		(9 500)
6. James W. Moss, Assistant Professor of Education....	B	8 150
7. William D. Phillips, Assistant Professor.....	ZD57	4 650
(Total Salary)		(8 150)
8. 2.00 Full-time Equivalent Assistants.....	DY	8 600
Nonacademic Salaries		8 880
<i>Total, Salaries</i>		<i>(70 870)</i>
Wages.....		600
Expense.....		2 350
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(2 950)</i>
<i>Total, Institute for Research on Exceptional Children</i>		<i>\$ 73 820</i>

Cooperative Investigations

U.S. OFFICE OF EDUCATION SAE 8969

Account Number 46-20-70-361

1. William C. Jenne, Research Associate.....	DY	\$ 8 300
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COLLEGE OF ENGINEERING

General		Wages, Ex- pense, and Equipment	
Instruction	Salaries		Total
Administration.....	\$ 136 230	\$ 29 100	\$ 165 330
Contingent.....		15 000	15 000
Lectures.....		2 400	2 400
Aeronautical and Astronautical Engineering..	200 499	24 300	224 799
Ceramic Engineering.....	105 312	19 500	124 812
Civil Engineering.....	477 330	28 225	505 555
Electrical Engineering.....	782 423	60 635	843 058
General Engineering.....	279 135	19 900	299 035
Mechanical and Industrial Engineering.....	630 007	48 400	678 407
Mining, Metallurgy, and Petroleum Engineering.....	199 784	16 800	216 584
Nuclear Engineering.....	84 026	17 400	101 426
Physics.....	734 556	42 500	777 056
Theoretical and Applied Mechanics.....	374 714	20 000	394 714
<i>Total, Instruction.....</i>	<i>(4 004 016)</i>	<i>(344 160)</i>	<i>(4 348 176)</i>
<i>Organized Research</i>			
Administration.....	81 075	15 400	96 475
Publications.....		10 500	10 500
Aeronautical and Astronautical Engineering..	12 600		12 600
Ceramic Engineering.....	13 200	1 750	14 950
Chemical Engineering.....	33 537	4 750	38 287
Civil Engineering.....	200 275	18 800	219 075
Electrical Engineering.....	56 208		56 208
Ultrasound in Biology.....	39 293	5 000	44 293
Measurement Program.....	59 890	11 500	71 390

General (Concluded)

	Salaries	Wages, Ex- pense, and Equipment	Total
Mechanical and Industrial Engineering.....	64 668	6 600	71 268
Mining, Metallurgy, and Petroleum Engineering.....	66 948	13 500	80 448
Physics.....		17 100	17 100
Physics Betatron.....	145 030	31 700	176 730
Theoretical and Applied Mechanics.....	104 275	12 200	116 475
<i>Total, Organized Research</i>	(876 999)	(148 800)	(1 025 799)
<i>Total, General</i>	\$4 881 015	\$492 960	\$5 373 975

Restricted

	Salaries	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>			
Engineering Student Placement Revolving.....		\$ 4 000	\$ 4 000
Ceramic Glass Conference Revolving.....		2 000	2 000
Estimated Private Gifts.....	\$ 7 000	21 000	28 000
Estimated United States Contracts.....	40 000	110 000	150 000
<i>Total, Instruction</i>	(47 000)	(137 000)	(184 000)
<i>Organized Research</i>			
Engineering Experiment Station Testing Revolving.....		1 200	1 200
Engineering Publications Revolving.....	3 350	2 800	6 150
Civil Engineering Earth Testing Revolving.....		500	500
Civil Engineering Testing Revolving.....	2 718	3 000	5 718
Electrical Engineering Network Analyzer Revolving.....		300	300
Theoretical and Applied Mechanics Testing Revolving.....		10 000	10 000
Estimated Indirect Costs.....	60 000	280 000	340 000
Estimated Private Gifts.....	323 000	142 000	465 000
Estimated United States Contracts.....	3 500 000	2 105 000	5 605 000
Estimated State Contracts.....	227 000	33 000	260 000
<i>Total, Organized Research</i>	(4 116 068)	(2 577 800)	(6 693 868)
<i>Extension and Public Services</i>			
Estimated Private Gifts.....	5 900	100	6 000
<i>Auxiliary Enterprises</i>			
Camp Rabideau Operations.....		10 000	10 000
<i>Total, Restricted</i>	\$4 168 968	\$2 724 900	\$6 893 868

Administration

Account Number 00-22-01-100; College 00-22-01-100; Station 00-22-01-300		
1. W. L. Everitt, Dean.....	C-ZBY	\$25 000
2. H. H. Jordan, Associate Dean and Professor of General Engineering, <i>Emeritus</i>	C-R	.....
3. Ross J. Martin, Director of Engineering Experiment Station.....	S-ZBY	20 400
4. Stanley H. Pierce, Associate Dean.....	C-ZBY	20 400
5. Howard L. Wakeland, Assistant Dean.....	C-ZBY	11 300
6. David R. Opperman, Assistant Dean.....	C-ZBY	10 800
7. _____, Professor for Engineering Honors Program	D50	5 000
8. Elmer F. Heater, Research Associate Professor, <i>Emeritus</i>	S-R	.....
9. Paul T. Bryant, Editor with rank of Instructor.....	S-ZDY75	8 475
(Total Salary).....		(11 300)
10. Ross A. Kingery, Assistant Editor.....	C-DY	8 200
11. 6.00 Full-time Equivalent Research Assistants.....	S-E	26 000
12. 0.50 Editorial Assistants.....	S-E	2 100
Nonacademic Salaries.....	C	55 530
Nonacademic Salaries.....	S	24 100
<i>Total, Salaries</i>	C	(217 305)

Wages.....	C	3 000
Wages.....	S	6 100
Expense.....	C	10 600
Expense.....	S	7 500
Publications.....	S	10 500
Lectures.....	C	2 400
Contingent.....	C	15 000
Convention Travel.....	C	12 500
Nonrecurring Unassigned.....	C	(5 000)
Equipment.....	C	3 000
Equipment.....	S	1 800
<i>Total, Wages, Expense, and Equipment.....</i>	C	<u>(72 400)</u>
<i>Total, Administration.....</i>		\$289 705

Engineering Student Placement Revolving

Account Number 12-22-01-177

Expense.....	C	\$4 000
<i>Total, Engineering Student Placement Revolving.....</i>		<u>\$4 000</u>

Engineering Experiment Station Testing Revolving

Account Number 12-22-01-322

Expense.....	S	\$1 200
<i>Total, Engineering Experiment Station Testing Revolving.....</i>		<u>\$1 200</u>

Engineering Publications Revolving

Account Number 12-22-01-368

1. John F. Penn, Assistant Editor.....	S-ZDY50	\$3 350
(Total Salary).....		(6 700)
Expense.....	S	2 800
<i>Total, Engineering Publications Revolving.....</i>		<u>\$6 150</u>

Indirect Costs—Engineering Experiment Station

Account Number 40-22-01-300

1. John J. Desmond, Assistant Director.....	S-ZDY50	\$ 7 500
(Total Salary).....		(15 000)
<i>Total, Indirect Costs—Engineering Experiment Station.....</i>		<u>\$ 7 500</u>

American Society for Engineering Education Secretary

Account Number 44-22-01-402

1. W. Leighton Collins, Professor of Theoretical and Applied Mechanics assigned to the American Society for Engineering Education.....	E-ZA75	\$10 200
(Total Salary).....		(13 600)
2. Jimmy W. Seyler, Assistant Professor of Civil Engineering assigned to the American Society for Engineering Education.....	E-ZBY50	5 375
(Total Salary).....		(10 750)
3. Paul T. Bryant, Editor with rank of Instructor.....	E-ZDY25	2 825
<i>Total, American Society for Engineering Education Secretary.....</i>		<u>\$18 400</u>

Aeronautical and Astronautical Engineering

Account Number 00-22-05-100; College 00-22-05-100; Station 00-22-05-300

1. H. S. Stillwell, Professor and Head of Department.....	C-A	\$ 19 200
2. Bruce L. Hicks, Professor.....	C-ZAY55	8 925
(Total Salary).....		(16 200)
3. Harry H. Hilton, Professor.....	C-A	14 200
4. Robert W. McCloy, Professor.....	C-A	14 000
(On leave with one-half pay 1962-63)		
5. Allen I. Ormsbee, Professor.....	C-A	13 200
6. Roger A. Strehlow, Professor.....	C-A	12 500
7. _____, Professor.....	C-A	10 900

8. Harold O. Barthel, Associate Professor.....	S-A	10 400
9. Yukweng M. Lin, Associate Professor.....	C-A	9 900
10. Shee Mang Yen, Associate Professor.....	C-A	10 700
11. _____, Associate Professor.....	C-A	9 000
12. John L. Loth, Assistant Professor.....	C-D	8 200
13. Allister F. Fraser, Instructor.....	C-D	6 200
14. 2.75 Full-time Equivalent Assistants.....	C-E	11 970
15. 0.50 Full-time Equivalent Research Assistants.....	S-E	2 200
Nonacademic Salaries.....	C	51 604
<i>Total, Salaries.....</i>	C	(213 099)
Wages.....	C	3 000
Expense.....	C	13 800
Equipment.....	C	7 500
<i>Total, Wages, Expense, and Equipment.....</i>	C	(24 300)
<i>Total, Aeronautical and Astronautical Engineering.....</i>		<u>\$237 399</u>

Ceramic Engineering

Account Number 00-22-10-100; College 00-22-10-100; Station 00-22-10-300		
1. A. I. Andrews, Professor and Head of Department.....	C-A	\$17 600
2. Alfred W. Allen, Professor.....	C-A	12 400
3. Dwight G. Bennett, Research Professor, <i>Emeritus</i>	R	.....
4. R. L. Cook, Professor.....	C-A	14 000
5. A. L. Friedberg, Professor.....	S-A	13 200
6. F. V. Tooley, Professor of Glass Technology.....	C-A	9 700
7. Robert J. Beals, Associate Professor.....	C-A	9 800
8. James A. Nelson, Associate Professor.....	C-A	10 600
9. _____, Associate Professor.....	C-D50	4 500
10. 1.00 Full-time Equivalent Assistants.....	C-E	4 200
Nonacademic Salaries.....	C	22 512
<i>Total, Salaries.....</i>	C	(118 512)
Wages.....	C	900
Wages.....	S	150
Expense.....	C	16 600
Expense.....	S	1 100
Equipment.....	C	2 000
Equipment.....	S	500
<i>Total, Wages, Expense, and Equipment.....</i>	C	(21 250)
<i>Total, Ceramic Engineering.....</i>		<u>\$139 762</u>

Ceramic Glass Conference Revolving

Account Number 12-22-10-132		
Expense.....	C	\$2 000
<i>Total, Ceramic Glass Conference Revolving.....</i>		<u>\$2 000</u>

Cooperative Investigations

BENDIX AVIATION—CERAMETALLIC

Account Number 44-22-10-306		
1. Roy E. Bickelhaupt, Research Associate.....	S-DY	\$9 750
2. Richard Martin Brown, Research Assistant.....	C-DY	6 200
<i>Total, Bendix Aviation—Cerametallc.....</i>		<u>\$15 950</u>

GOODYEAR AIRCRAFT PO148037

Account Number 44-22-10-331		
1. James F. Benzel, Research Associate.....	S-ZDY30	\$1 980
(Total Salary).....		(6 600)
2. Hubert R. Thornton, Research Associate.....	S-ZDY30	2 340
(Total Salary).....		(5 850)
<i>Total, Goodyear Aircraft PO148037.....</i>		<u>\$4 320</u>

GRIFFIN WHEEL COMPANY—STEEL CASTING REFRACTORIES

Account Number 44-22-10-332		
1. Tracy A. Willmore, Research Associate Professor.....	S-AY	\$9 750

U.S. AIR FORCE 7978

Account Number 46-22-10-306

1. James F. Benzel, Research Associate.....	S-ZDY20	\$1 320
2. Hubert R. Thornton, Research Associate.....	S-ZDY25	1 950
<i>Total, U.S. Air Force 7978.....</i>		<u>\$3 270</u>

U.S. AIR FORCE 7422

Account Number 46-22-10-313

1. James F. Benzel, Research Associate.....	S-ZDY50	\$3 300
2. Hubert R. Thornton, Research Associate.....	S-ZDY20	1 560
<i>Total, U.S. Air Force 7422.....</i>		<u>\$4 860</u>

U.S. ATOMIC ENERGY COMMISSION 915

Account Number 46-22-10-315

1. Clifton G. Bergeron, Research Assistant Professor.....	S-DY	\$11 000
2. Charles K. Russell, Research Associate.....	S-DY	9 450
<i>Total, U.S. Atomic Energy Commission 915.....</i>		<u>\$20 450</u>

U.S. ARMY ORDNANCE 3467

Account Number 46-22-10-317

1. Richard J. Herbst, Research Associate.....	S-DY	\$8 200
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U.S. OFFICE OF NAVAL RESEARCH 1834-38

Account Number 46-22-10-354

1. Victor J. Tennery, Research Assistant Professor.....	S-DY	\$11 000
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Chemical Engineering

Account Number 00-22-15-300

1. James W. Westwater, Professor.....	S-ZA40	\$ 5 200
(Total Salary).....		(13 000)
2. Harry G. Drickamer, Professor.....	S-ZA	.....
3. Frederick G. Straub, Research Professor, <i>Emeritus</i>	S-R	.....
4. Sherlock Swann, Jr., Research Professor.....	S-AY	12 000
5. ———, Research Professor.....	S-A50	7 000
6. Thomas J. Hanratty, Associate Professor.....	S-ZA	.....
7. Daniel D. Perlmutter, Assistant Professor.....	S-ZB	.....
8. John A. Quinn, Assistant Professor.....	S-ZB	.....
9. 0.50 Full-time Equivalent Assistants.....	S-DY	2 540
Nonacademic Salaries.....	S	6 797
<i>Total, Salaries.....</i>		<u>(33 537)</u>
Wages.....	S	1 050
Expense.....	S	2 000
Equipment.....	S	1 700
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(4 750)</u>
<i>Total, Chemical Engineering.....</i>		<u>\$38 287</u>

Cooperative Investigations

U.S. ATOMIC ENERGY COMMISSION PROJECT 5

Account Number 46-22-15-308

1. Shigeru Minomura, Research Associate.....	S-DY	\$7 000
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Civil Engineering

Account Number 00-22-20-100; College 00-22-20-100; Station 00-22-20-300

1. N. M. Newmark, Professor and Head of Department....	C-A	\$22 700
2. J. W. Briscoe, Professor and Associate Head of Department.....	C-A	13 450
3. William C. Ackermann, Professor.....	C-D	.....
4. H. E. Babbitt, Professor, <i>Emeritus</i>	C-R	.....
5. John E. Baerwald, Professor of Traffic Engineering.....	C-ZA30	3 150
(Total Salary).....		(10 500)
6. E. E. Bauer, Professor.....	C-A	10 000
7. Ven Te Chow, Professor of Hydraulic Engineering.....	C-AY40	4 800
(Total Salary).....	S-A60	7 200
8. Ellis Danner, Professor of Highway Engineering.....	C-A	14 500
9. Don U. Deere, Professor.....	C-ZA67	8 675
(Total Salary).....		(13 000)

10. G. H. Dell, Professor, <i>Emeritus</i>	R	.....
11. Richard Engelbrecht, Professor of Sanitary Engineering.....	S-A	12 000
12. Ben B. Ewing, Professor of Sanitary Engineering.....	C-A	10 500
13. Edwin H. Gaylord, Jr., Professor.....	C-A	14 500
14. William J. Hall, Professor.....	C-A	14 000
15. John D. Hiltiwanger, Professor.....	C-A	11 500
16. William W. Hay, Professor of Railway Civil Engineering.....	C-A	10 700
17. W. C. Huntington, Professor, <i>Emeritus</i>	C-R	.....
18. Herbert O. Ireland, Professor.....	{C-A50 S-A50	5 625 5 625
(Total Salary).....		(11 250)
19. Narbey Khachaturian, Professor.....	C-A	10 800
20. E. E. King, Professor, <i>Emeritus</i>	C-R	.....
21. Thurston E. Larson, Professor of Sanitary Engineering.....	C-D	.....
22. Murray B. McPherson, Professor of Hydraulic Engineering.....	C-A	10 800
23. William H. Munse, Professor.....	{C-A32 S-A68	4 670 9 830
(Total Salary).....		(14 500)
24. William A. Oliver, Professor.....	C-A	12 000
25. Ralph B. Peck, Professor of Foundation Engineering.....	{C-A50 S-A50	8 750 8 750
(Total Salary).....		(17 500)
26. W. H. Rayner, Professor, <i>Emeritus</i>	C-R	.....
27. Milton O. Schmidt, Professor.....	C-A	11 000
28. Chester P. Siess, Professor.....	{C-A50 S-A50	7 250 7 250
(Total Salary).....		(14 500)
29. George K. Sinnamon, Professor.....	S-ZA50	5 100
(Total Salary).....		(10 200)
30. James E. Stallmeyer, Professor.....	{C-A50 S-A50	5 700 5 700
(Total Salary).....		(11 400)
31. T. H. Thornburn, Professor.....	{C-A50 S-A50	6 000 6 000
(Total Salary).....		(12 000)
32. Anestis S. Veletsos, Professor.....	S-A	12 500
(On leave without pay second semester 1962-63)		
33. C. C. Wiley, Professor, <i>Emeritus</i>	C-R	.....
34. Alfredo Ang, Associate Professor.....	{C-ZA25 S-ZA50	2 300 4 600
(Total Salary).....		(9 200)
35. Eugene Chesson, Jr., Associate Professor.....	S-ZA75	6 600
(Total Salary).....		(8 800)
36. Arthur B. Chilton, Associate Professor.....	C-ZA50	5 500
(Total Salary).....		(11 000)
37. Winfield H. Eldridge, Associate Professor.....	C-A	8 500
38. Steven J. Fenves, Associate Professor.....	C-A	9 000
(On leave without pay 1962-63)		
39. John C. Guillou, Associate Professor of Hydraulic Engineering.....	{C-A50 S-A50	4 850 4 850
(Total Salary).....		(9 700)
40. Moreland Herrin, Associate Professor.....	C-A	10 000
41. George W. Hollon, Associate Professor.....	{C-A50 S-A50	4 250 4 250
(Total Salary).....		(8 500)
(On leave without pay 1962-63)		
42. Eugene Y. Huang, Associate Professor.....	C-ZA25	2 125
(Total Salary).....		(8 500)
43. Houssam M. Karara, Associate Professor.....	C-A	8 800
44. Vincent J. McDonald, Associate Professor.....	{C-A75 S-A25	7 125 2 375
(Total Salary).....		(9 500)
45. J. L. Merritt, Associate Professor.....	S-ZA50	4 750
(Total Salary).....		(9 500)

46. Robert J. Mosborg, Associate Professor	C-A	9 500
47. Roy E. Olson, Associate Professor	C-ZA50	4 400
(Total Salary)		(8 800)
48. Arthur R. Robinson, Associate Professor	{C-A50	5 000
(Total Salary)	{S-A50	5 000
		(10 000)
49. Louis R. Shaffer, Associate Professor	C-A	9 000
50. Mete Avin Sozen, Associate Professor	C-ZA50	5 150
(Total Salary)		(10 300)
51. _____, Associate Professor	C-A	8 300
52. Melvin T. Davison, Assistant Professor	C-B	8 400
53. John W. Hutchinson, Assistant Professor	C-ZB75	6 600
(Total Salary)		(8 800)
54. Harrison Kane, Assistant Professor	C-B	7 800
55. Yves Lacroix, Assistant Professor	C-B	6 800
56. Thomas K. Liu, Assistant Professor	C-ZB50	3 900
(Total Salary)		(7 800)
57. John W. Melin, Assistant Professor	C-ZB50	3 900
(Total Salary)		(7 800)
58. Joseph P. Murtha, Assistant Professor	{C-B50	4 650
(Total Salary)	{S-B50	4 650
		(9 300)
59. John T. O'Connor, Assistant Professor of Sanitary Engineering	C-B	8 000
60. Maurice G. Porter, Assistant Professor	C-ZB67	5 600
(Total Salary)		(8 400)
61. Wallace Sanders, Jr., Assistant Professor	C-ZB50	3 750
(Total Salary)		(7 500)
62. Richard E. Speece, Assistant Professor of Sanitary Engineering	C-B	8 000
63. Samuel Sutcliffe, Assistant Professor	C-B	8 000
64. Richard N. Wright III, Assistant Professor	S-ZB50	4 250
(Total Salary)		(8 500)
65. Furman W. Barton, Research Associate	C-ZD50	3 800
(Total Salary)		(7 600)
66. Alfred J. Hendron, Jr., Research Associate	C-ZD50	3 250
(Total Salary)		(6 500)
67. William C. Schnobrich, Research Associate	C-ZD50	4 050
(Total Salary)		(8 100)
68. Gordon Gracie, Instructor	C-D	7 400
69. John T. Hanley, Instructor	C-ZD50	4 300
(Total Salary)		(8 600)
70. Richard L. Jennings, Instructor	C-ZD50	3 600
(Total Salary)		(7 200)
71. Stanley L. Paul, Instructor	C-ZD50	3 750
(Total Salary)		(7 500)
72. Jack B. Ritter, Instructor	C-D	6 600
73. A. Keith Stonecipher, Instructor	C-ZD70	5 000
(Total Salary)		(7 200)
74. William H. Walker, Instructor	C-ZD50	3 750
(Total Salary)		(7 500)
75. Stanley D. Wilson, Visiting Lecturer in Soil Mechanics	C-DY7	700
76. 3.00 Full-time Equivalent Research Assistants	S-E	14 000
Nonacademic Salaries	C	41 010
Nonacademic Salaries	S	54 845
Total, Salaries	C	(677 605)
Wages	C	4 425
Wages	S	4 500
Expense	C	17 000
Expense	S	11 100
Equipment	C	6 800
Equipment	S	3 200
Total, Wages, Expense, and Equipment	C	(47 025)
Total, Civil Engineering		\$724 630

Civil Engineering Earth Testing Revolving

Account Number 12-22-20-322

Expense.....	S	\$ 500
<i>Total, Civil Engineering Earth Testing Revolving.....</i>		<u>\$ 500</u>

Civil Engineering Testing Revolving

Account Number 12-22-20-384

Nonacademic Salaries.....		\$2 718
<i>Total, Salaries.....</i>		<u>(2 718)</u>
Expense.....	S	3 000
<i>Total, Wages, Expense, and Equipment.....</i>	S	<u>(3 000)</u>
<i>Total, Civil Engineering Testing Revolving.....</i>		<u>\$5 718</u>

Auxiliary — Camp Rabideau Operation

Account Number 18-22-20-782

Expense.....	C	\$10 000
<i>Total, Auxiliary — Camp Rabideau Operation.....</i>		<u>\$10 000</u>

Cooperative Investigations

U.S. DEFENSE ATOMIC SUPPORT AGENCY 104

Account Number 44-22-20-348

1. Alfredo Ang, Associate Professor.....	S-ZA25	\$2 300
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NATIONAL STEEL CORPORATION — N-A-XTRA JOINTS

Account Number 44-22-20-356

1. W. H. Bruckner, Professor.....	S-ZA25	\$ 2 725
<i>(Total Salary).....</i>		<u>(10 900)</u>

VARIOUS DONORS—LIME POZZOLAN

Account Number 44-22-20-391

1. Harold L. Ahlberg, Research Associate.....	S-D	\$6 000
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U.S. AIR FORCE 4993

Account Number 46-22-20-302

1. J. L. Merritt, Associate Professor.....	S-ZA50	\$4 750
2. John T. Hanley, Instructor.....	S-ZD50	4 300
<i>Total, U.S. Air Force 4993.....</i>		<u>\$9 050</u>

U.S. AIR FORCE 4302

Account Number 46-22-20-306

1. Alfred J. Hendron, Jr., Research Associate.....	S-ZD50	\$3 250
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U.S. AIR FORCE 2876

Account Number 46-22-20-307

1. George K. Sinnamon, Professor.....	S-ZA50	\$5 100
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U.S. NATIONAL SCIENCE FOUNDATION 2390

Account Number 46-22-20-319

1. Richard N. Wright III, Assistant Professor.....	S-ZB50	\$4 250
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U.S. AIR FORCE 4508

Account Number 46-22-20-320

1. Y. C. Das, Assistant Professor.....	S-B	\$ 7 200
2. Richard L. Jennings, Instructor.....	S-ZD50	3 600
<i>Total, U.S. Air Force 4508.....</i>		<u>\$10 800</u>

U.S. AIR FORCE 4578

Account Number 46-22-20-321

1. Allen F. Dill, Research Associate.....	S-D	\$8 500
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U.S. AIR FORCE 29-601-5007

Account Number 46-22-20-322

1. Stanley L. Paul, Instructor.....	S-ZD50	\$3 750
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U.S. ARMY ENGINEERING 393

Account Number 46-22-20-338

1. Mete Avni Sozen, Associate Professor.....	S-ZA25	\$2 575
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U.S. DEFENSE ATOMIC SUPPORT AGENCY 104

Account Number 46-22-20-348

1. John W. Melin, Assistant Professor..... S-ZB50 \$3 900

U.S. NATIONAL SCIENCE FOUNDATION G13362

Account Number 46-22-20-351

1. Roy E. Olson, Associate Professor..... S-ZA50 \$4 400

U.S. N.O.B.S. 65790

Account Number 46-22-20-360

1. Furman W. Barton, Research Associate..... S-ZD50 \$3 800

U.S. OFFICE OF NAVAL RESEARCH 1834-03

Account Number 46-22-20-369

1. William C. Schnobrich, Research Associate..... S-ZD50 \$4 050

U.S. PUBLIC HEALTH SERVICE PHT1-23A

Account Number 46-22-20-374

1. Ichiya Hayakawa, Assistant Professor of Sanitary Engineering..... B \$8 000

STATE OF ILLINOIS DIVISION OF HIGHWAYS — BRIDGE IMPACT

Account Number 47-22-20-307

1. William H. Walker, Instructor..... S-ZD50 \$3 750

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
HIGHWAY MEDIANS

Account Number 47-22-20-336

1. John W. Hutchinson, Assistant Professor..... S-ZB25 \$2 200

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
PRESTRESSED BRIDGES

Account Number 47-22-20-367

1. Mete Avni Sozen, Associate Professor..... S-ZA25 \$2 575

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
RIVETED BOLTED JOINTS

Account Number 47-22-20-374

1. Eugene Chesson, Jr., Associate Professor..... S-ZA25 \$2 200

STATE OF ILLINOIS DIVISION OF HIGHWAYS — SOIL AGGREGATE

Account Number 47-22-20-379

1. Eugene Y. Haung, Associate Professor..... S-ZA75 \$6 375

STATE OF ILLINOIS DIVISION OF HIGHWAYS — SOIL MAPPING

Account Number 47-22-20-382

1. Thomas K. Liu, Assistant Professor..... S-ZB50 \$3 900

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
VEHICULAR SPEED REGULATION

Account Number 47-22-20-386

1. A. Keith Stonecipher, Instructor..... S-ZD30 \$2 200

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
WELDED HIGHWAY STRUCTURES

Account Number 47-22-20-391

1. Wallace Sanders, Jr., Assistant Professor..... S-ZB50 \$3 750

GRADUATE NATIONAL DEFENSE EDUCATION ACT PROGRAM

Account Number 41-22-20-355

1. Goin N. Harper, Instructor..... S-D \$6 300

Coordinated Science Laboratory**U.S. Army Signal Corps 85122**

Account Number 46-22-22-310

1. Daniel Alpert, Director..... S-ZDY \$ 24 600

2. Hans Frauenfelder, Associate Director..... S-ZD50 9 000
(Total Salary)..... (18 000)3. Mac E. Van Valkenburg, Associate Director..... S-ZD50 9 300
(Total Salary)..... (18 600)

(On leave without pay 1962-63)

4. John J. Desmond, Assistant Director.....	S-ZDY50	7 500
(Total Salary).....		(15 000)
5. Richard M. Brown, Research Professor.....	S-ZDY	20 500
6. Bruce L. Hicks, Research Professor.....	S-ZDY45	7 275
(Total Salary).....		(16 200)
7. Jack P. Ruina, Research Professor.....	S-ZDY73	14 630
(Total Salary).....		(20 000)
(On leave without pay 1962-63)		
8. Nelson Wax, Research Professor.....	S-ZD50	8 000
(Total Salary).....		(16 000)
9. Duane H. Cooper, Research Associate Professor.....	S-ZDY	16 000
10. Jose B. Cruz, Jr., Research Associate Professor.....	S-ZD50	5 100
(Total Salary).....		(10 200)
11. Howard W. Knoebel, Research Associate Professor.....	S-DY	17 500
12. Edgar Luscher, Research Associate Professor.....	S-ZDY	11 700
13. Wataru Mayeda, Research Associate Professor.....	S-ZDY	14 000
14. Manfred Raether, Research Associate Professor.....	S-ZDY	11 700
15. C. B. Satterthwaite, Research Associate Professor.....	S-ZDY	15 500
16. Sundaram Seshu, Research Associate Professor.....	S-ZD50	5 250
(Total Salary).....		(10 500)
17. Donald L. Bitzer, Research Assistant Professor.....	S-DY	14 500
18. Peter G. Braunfeld, Research Assistant Professor.....	S-DY	11 300
19. Cheng-lin Chen, Research Assistant Professor.....	S-DY	9 700
20. Linton S. Kypka, Research Assistant Professor.....	S-DY	14 600
21. William W. Lichtenberger, Research Assistant Professor.....	S-ZD75	7 125
(Total Salary).....		(9 500)
22. Elisabeth R. Lyman, Research Assistant Professor.....	S-DY50	3 975
23. Christopher Pottle, Research Assistant Professor.....	S-ZB	8 100
24. Don R. Allen, Research Associate.....	S-DY	11 300
25. Robert W. Anderson, Research Associate.....	S-DY	10 700
26. Henry G. Bobotek, Research Associate.....	S-DY	6 900
27. Dale M. Diamond, Research Associate.....	S-D	6 800
28. James L. Divilbiss, Research Associate.....	S-DY	9 900
29. Jay D. Gooch, Research Associate.....	S-DY	10 650
30. Billy D. Kirkwood, Research Associate.....	S-DY	10 700
31. Henry V. Krone, Research Associate.....	S-DY	10 000
32. Donald A. Lee, Research Associate.....	S-DY	9 800
33. E. Jeannine Leichner, Research Associate.....	S-DY50	3 850
34. Wilbert C. Prothe, Research Associate.....	S-DY	12 400
35. Jose L. de Segovia, Research Associate.....	S-DY	6 600
36. Dominic O. Skaperdas, Research Associate.....	S-DY	13 400
37. H. Gene Slottow, Research Associate.....	S-DY	11 800
38. John E. Stifle, Research Associate.....	S-DY	9 500
39. Harry E. Tomaschke, Research Associate.....	S-DY75	5 550
40. Ray L. Trogdon, Research Associate.....	S-DY	11 200
41. Brian W. Voth, Research Associate.....	S-DY	9 400
42. James R. Crowder, Research Assistant.....	S-DY	5 900
43. James W. Cummings, Research Assistant.....	S-DY	8 200
44. Charles R. Finfgeld, Research Assistant.....	S-DY	7 000
45. Richard D. Jenks, Research Assistant.....	S-DY	5 700
46. Lezlie Ann Morgan, Research Assistant.....	S-DY	5 100
Total, Coordinated Science Laboratory.....		\$469 205

Electrical Engineering

Account Number 00-22-25-100; College 00-22-25-100; Station 00-22-25-300		
1. Edward C. Jordan, Professor and Head of Department..	C-A	\$ 22 000
2. Wendell E. Miller, Professor and Associate Head of Department.....	C-ZAY75	12 600
(Total Salary).....		(16 800)
3. George E. Anner, Professor.....	C-A	13 500
4. L. B. Archer, Professor.....	C-A	11 700
5. W. Ross Ashby, Professor.....	C-ZAY25	3 500
(Total Salary).....		(14 000)
6. D. S. Babb, Professor.....	C-A	10 800

7. Albert D. Bailey, Professor.....	C-ZA75	9 450
(Total Salary).....		(12 600)
(On leave with pay second semester 1962-63)		
8. John Bardeen, Professor.....	C-ZA50	10 500
(Total Salary).....		(23 500)
9. Richard M. Brown, Research Professor.....	C-ZAY	
10. Paul D. Coleman, Professor.....	C-ZA50	7 300
(Total Salary).....		(14 600)
11. Georges A. Deschamps, Professor.....	C-A	18 000
12. Willis L. Emery, Professor.....	C-A	13 000
13. W. L. Everitt, Professor.....	C-ZAY	
14. G. H. Fett, Professor.....	C-ZA	15 500
(Transferred to Trust)		
15. Ladislav Goldstein, Professor.....	C-ZA50	9 600
(Total Salary).....		(19 200)
16. H. N. Hayward, Professor.....	C-ZA	
17. M. S. Helm, Professor.....	C-A	11 700
18. C. A. Keener, Professor.....	C-A	14 000
19. John O. Kraehenbuehl, Professor, <i>Emeritus</i>	C-R	
20. N. W. McLachlan, Professor, <i>Emeritus</i>	C-R	
21. E. B. Paine, Professor, <i>Emeritus</i>	C-R	
22. G. R. Peirce, Professor.....	C-A	11 300
23. David Pines, Professor.....	C-ZA50	9 000
(Total Salary).....		(18 000)
(On leave without pay first semester 1962-63 and with pay second semester 1962-63)		
24. E. A. Reid, Professor, <i>Emeritus</i>	C-R	
25. James E. Robertson, Research Professor.....	C-ZA	
26. Jack P. Ruina, Professor.....	C-ZAY27	5 370
(Total Salary).....		(20 000)
27. P. F. Schwarzlose, Professor.....	C-A	10 800
28. C. E. Skroder, Professor.....	C-A	10 200
29. George W. Swenson, Jr., Professor.....	C-ZA52	7 020
(Total Salary).....		(13 500)
30. J. T. Tykociner, Research Professor, <i>Emeritus</i>	C-R	
31. Mac E. Van Valkenburg, Professor.....	C-ZA50	9 300
(Total Salary).....		(18 600)
(On leave without pay 1962-63)		
32. Heinz M. Von Foerster, Professor.....	C-ZA50	7 500
(Total Salary).....		(15 000)
33. Nelson Wax, Professor.....	C-ZA50	8 000
(Total Salary).....		(16 000)
34. Harold D. Webb, Professor.....	C-ZA50	5 650
(Total Salary).....		(11 300)
35. Jerome Earl Williams, Professor.....	C-A	11 400
36. _____, Professor.....	C-A	10 000
37. William G. Albright, Associate Professor.....	C-A	8 800
38. Roger W. Burtness, Associate Professor.....	C-A	11 900
39. Julius H. Cahn, Associate Professor.....	C-ZAY50	6 500
(Total Salary).....		(13 000)
40. Duane H. Cooper, Associate Professor.....	C-ZAY	
41. Milton H. Crothers, Associate Professor.....	C-ZA75	7 800
(Total Salary).....		(10 400)
42. Jose B. Cruz, Jr., Associate Professor.....	C-ZA50	5 100
(Total Salary).....		(10 200)
43. Floyd Dunn, Associate Professor.....	C-ZAY25	2 900
(Total Salary).....		(11 600)
44. John D. Dyson, Associate Professor.....	C-ZAY40	4 900
(Total Salary).....		(12 050)
45. Paul R. Egbert, Associate Professor.....	C-A	9 400
46. Edward W. Ernst, Associate Professor.....	C-A	11 800
47. Paul Handler, Associate Professor.....	C-ZA25	2 875
(Total Salary).....		(11 500)
48. Daniel F. Hang, Associate Professor.....	C-ZA50	5 250
(Total Salary).....		(10 500)

49. Edgar C. Hayden, Associate Professor	C-ZA33	4 000
(Total Salary)		(12 000)
50. Charles Hendricks, Jr., Associate Professor	C-ZA50	5 500
(Total Salary)		(11 000)
51. Julius O. Kopplin, Associate Professor	C-A	10 000
52. Benjamin Kuo, Associate Professor	C-A	9 700
53. Yuen Tze Lo, Associate Professor	C-ZAY25	3 200
(Total Salary)		(12 800)
54. P. Edward Mast, Associate Professor	C-ZA75	7 500
(Total Salary)		(10 000)
55. Wataru Mayeda, Associate Professor	C-ZAY	.....
56. Paul E. Mayes, Associate Professor	C-ZAY50	7 350
(Total Salary)		(14 700)
57. Millard S. McVay, Associate Professor	C-A	11 500
58. R. Mittra, Associate Professor	C-ZA33	3 167
(Total Salary)		(9 500)
59. T. A. Murrell, Associate Professor	C-ZA50	5 106
(Total Salary)		(10 200)
60. Basil R. Myers, Associate Professor	C-A	11 400
61. J. P. Neal, Associate Professor	C-A	10 550
62. Wolfgang Poppelbaum, Research Associate Professor	C-ZA	.....
63. Chih Tang Sah, Associate Professor	C-ZA50	6 750
(Total Salary)		(13 500)
64. Sundaram Seshu, Associate Professor	C-ZA50	5 250
(Total Salary)		(10 500)
65. Murray D. Sirkis, Associate Professor	C-ZA25	2 775
(Total Salary)		(11 100)
66. William H. Steier, Associate Professor	C-ZA24	2 400
(Total Salary)		(9 600)
67. Andrew W. Swago, Associate Professor	C-A	10 000
(On leave without pay 1962-63)		
68. Kung Chie Yeh, Associate Professor	C-ZAY25	2 900
(Total Salary)		(11 600)
69. Philip A. Bauman, Assistant Professor	C-B	7 400
70. H. C. Brearley, Jr., Assistant Professor	C-ZBY	.....
71. Donald A. Calahan, Assistant Professor	C-ZB70	5 440
(Total Salary)		(7 500)
72. Raymond A. Davidson, Assistant Professor	C-ZB75	6 150
(Total Salary)		(8 200)
73. V. Gourishankar, Assistant Professor	C-B	7 600
74. Paul K. Hudson, Assistant Professor	C-B75	7 125
75. Edwin C. Jones, Jr., Assistant Professor	C-B	7 600
76. Gene H. Leichner, Assistant Professor	C-B50	4 850
77. William W. Lichtenberger, Assistant Professor	C-ZB25	2 375
(Total Salary)		(9 500)
78. Thomas C. Marshall, Assistant Professor	C-ZBY25	2 750
(Total Salary)		(11 000)
79. Gernot A. Metzke, Research Assistant Professor	C-ZBY	.....
80. William R. Perkins, Assistant Professor	C-B	8 800
81. Christopher Pottle, Research Assistant Professor	ZB	.....
82. ———, Assistant Professor	C-B25	2 375
83. Sylvian R. Ray, Research Assistant Professor	ZB	.....
84. Kenneth C. Smith, Research Assistant Professor	ZB	.....
85. Leo V. Auth, Jr., Instructor	C-D	6 800
86. Cameron W. Blachford, Instructor	C-D20	1 000
87. M. L. Blostein, Instructor	C-D50	2 500
88. Arnold W. Dipert, Instructor	C-D	5 000
89. George G. Dodd, Instructor	C-D50	2 500
90. Cassius Hesselberth, Instructor	C-D50	2 600
91. Robert W. Kafka, Instructor	C-D50	2 600
92. Paul W. Klock, Instructor	C-D	6 600
93. William A. Krerowicz, Instructor	C-D50	2 600
94. Jaan Kruus, Instructor	C-D50	2 400
95. John R. Lehmann, Instructor	C-D50	3 200

96. Thomas E. Mueller, Instructor.....	C-D50	2 700
97. James H. Pugsley, Instructor.....	C-D50	2 800
98. John M. Schneider, Instructor.....	C-D20	1 000
99. Joseph T. Verdeyen, Instructor.....	C-ZDY25	2 250
(Total Salary).....		(9 000)
100. Harry G. Lafuse, Instructor.....	C-D	5 200
101. 15.50 Full-time Equivalent Assistants.....	C-E	70 345
Nonacademic Salaries.....	C	112 906
Nonacademic Salaries.....	S	56 208
Total, Salaries.....	C	(838 631)
Wages.....	C	19 950
Expense.....	C	25 685
Equipment.....	C	15 000
Total, Wages, Expense, and Equipment.....	C	(60 635)
Total, Electrical Engineering.....		\$899 266

Electrical Engineering Network Analyzer Revolving

Account Number 12-22-25-356

Expense.....	S	\$300
Total, Electrical Engineering Network Analyzer Revolving.....		\$300

Indirect Costs—Electrical Engineering

Account Number 40-22-25-300

1. John F. Penn, Assistant Editor, Engineering Experiment Station.....	S-ZDY50	\$3 350
(Total Salary).....		(6 700)
Total, Indirect Costs—Electrical Engineering.....		\$3 350

Cooperative Investigations

U.S. AIR FORCE 7473

Account Number 46-22-25-302

1. Ladislav Goldstein, Professor.....	S-ZA15	\$ 2 880
2. Wendell E. Miller, Professor.....	S-ZAY5	840
3. Julius H. Cahn, Associate Professor.....	S-ZAY50	6 500
4. Thomas C. Marshall, Assistant Professor.....	S-ZBY50	5 500
Total, U.S. Air Force 7473.....		\$15 720

U.S. AIR FORCE 417

Account Number 46-22-25-305

1. Wendell E. Miller, Professor.....	S-ZAY5	\$ 840
2. Paul Handler, Associate Professor.....	S-ZA50	5 750
3. Chih Tang Sah, Associate Professor.....	S-ZA50	6 750
Total, U.S. Air Force 417.....		\$13 340

U.S. AIR FORCE 62-126

Account Number 46-22-25-306

1. Donald A. Calahan, Assistant Professor.....	S-ZB30	\$2 060
2. Matthew J. Remec, Instructor.....	S-D50	2 500
Total, U.S. Air Force 62-126.....		\$4 560

U.S. AIR FORCE 763

Account Number 46-22-25-307

1. Ruth V. Chalmers, Research Assistant.....	S-ZDY50	\$2 500
(Total Salary).....		(5 000)

U.S. AIR FORCE 2413

Account Number 46-22-25-308

1. Edgar C. Hayden, Associate Professor.....	S-ZA10	\$1 200
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U.S. AIR FORCE 5565

Account Number 46-22-25-310

1. Ladislav Goldstein, Professor.....	S-ZA5	\$ 960
2. Milton H. Crothers, Associate Professor.....	S-ZA25	2 600
3. R. Mitra, Associate Professor.....	S-ZA34	3 167
4. Ralph R. Hodges, Jr., Research Associate.....	S-DY	7 400

5. Joseph T. Verdeyen, Instructor.....	S-ZDY75	6 750
6. Keith G. Balmain, Research Assistant.....	S-DY	6 350
<i>Total, U.S. Air Force 5565.....</i>		<u>\$27 227</u>
U.S. AIR FORCE 7043		
Account Number 46-22-25-312		
1. Paul D. Coleman, Professor.....	S-ZA45	\$ 6 570
2. Murray D. Sirkis, Associate Professor.....	S-ZA75	8 325
3. Jack R. Baird, Research Assistant.....	S-DY	5 750
<i>Total, U.S. Air Force 7043.....</i>		<u>\$20 645</u>
U.S. AIR FORCE 2456		
Account Number 46-22-25-313		
1. Paul D. Coleman, Professor.....	S-ZA5	\$ 730
2. William H. Steier, Associate Professor.....	S-ZA75	7 200
<i>Total, U.S. Air Force 2456.....</i>		<u>\$ 7 930</u>
U.S. AIR FORCE 7411		
Account Number 46-22-25-317		
1. Charles Hendricks, Jr., Associate Professor.....	S-ZA25	\$ 2 750
U.S. AIR FORCE OFFICE OF SCIENTIFIC RESEARCH 62-250		
Account Number 46-22-25-324		
1. Don F. Holshouser, Associate Professor.....	S-AY	\$11 600
U.S. AIR FORCE 8460		
Account Number 46-22-25-325		
1. Wendell E. Miller, Professor.....	S-ZAY5	\$ 840
2. John D. Dyson, Associate Professor.....	S-ZAY30	3 575
3. Paul E. Mayes, Associate Professor.....	S-ZAY25	3 675
4. R. Mittra, Associate Professor.....	S-ZA33	3 166
5. Willard T. Patton, Instructor.....	S-D	7 700
6. Robert H. Macphie, Research Assistant.....	S-DY	6 250
7. C. H. Tang, Research Assistant.....	S-DY	5 300
8. P. Edward Mast, Associate Professor.....	S-ZA25	2 500
9. Harry A. Shubert, Research Assistant.....	S-DY	5 300
<i>Total, U.S. Air Force 8460.....</i>		<u>\$38 306</u>
U.S. ARMY SIGNAL CORPS 87232		
Account Number 46-22-25-327		
1. Ladislav Goldstein, Professor.....	S-ZA10	\$ 1 920
2. Masahiro Yokoyama, Visiting Research Associate.....	S-DY	8 000
<i>Total, U.S. Army Signal Corps 87232.....</i>		<u>\$ 9 920</u>
U.S. ARMY SIGNAL CORPS 87264		
Account Number 46-22-25-329		
1. Albert D. Bailey, Professor.....	S-ZA25	\$ 3 150
(On leave with pay second semester 1962-63)		
2. John D. Dyson, Associate Professor.....	S-ZAY30	3 575
3. Edgar C. Hayden, Associate Professor.....	S-ZA17	2 000
4. Leon J. Miller, Research Associate.....	S-ZDY5	420
(Total Salary).....		(8 400)
<i>Total, U. S. Army Signal Corps 87264.....</i>		<u>\$ 9 145</u>
U.S. AIR FORCE 2650		
Account Number 46-22-25-331		
1. Ladislav Goldstein, Professor.....	S-ZA15	\$ 2 880
2. Thomas C. Marshall, Assistant Professor.....	S-ZBY25	2 750
<i>Total, U.S. Air Force 2650.....</i>		<u>\$ 5 630</u>
U.S. ARMY SIGNAL CORPS 85173		
Account Number 46-22-25-332		
1. Harold D. Webb, Professor.....	S-ZA50	\$ 5 650
2. Raymond A. Davidson, Assistant Professor.....	S-ZB25	2 050
<i>Total, U.S. Army Signal Corps 85173.....</i>		<u>\$ 7 700</u>
U.S. ARMY SIGNAL CORPS 78313		
Account Number 46-22-25-333		
1. Ladislav Goldstein, Professor.....	S-ZA5	\$ 960

U.S. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NATIONAL SCIENCE GRANT 195-62

Account Number 46-22-25-339

- | | | |
|---|---------|----------|
| 1. Renate M. Oppenlander, Research Assistant..... | S-ZDY50 | \$ 2 450 |
|---|---------|----------|

U.S. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NATIONAL SCIENCE GRANT 24-59

Account Number 46-22-25-340

- | | | |
|--|---------|----------|
| 1. Kung Chie Yeh, Associate Professor..... | S-ZAY75 | \$ 8 700 |
|--|---------|----------|

U.S. NATIONAL SCIENCE FOUNDATION G14894

Account Number 46-22-25-342

- | | | |
|--|---------|----------|
| 1. Yuen Tze Lo, Associate Professor..... | S-ZAY75 | \$ 9 600 |
|--|---------|----------|

U.S. NATIONAL SCIENCE FOUNDATION G10885

Account Number 46-22-25-347

- | | | |
|---|------|----------|
| 1. E. E. Kriekhaus, Research Assistant..... | S-DY | \$ 5 550 |
|---|------|----------|

U.S. NATIONAL SCIENCE FOUNDATION G17414

Account Number 46-22-25-350

- | | | |
|---|---------|-----------------|
| 1. W. Ross Ashby, Professor..... | S-ZAY75 | \$10 500 |
| 2. Heinz M. Von Foerster, Professor..... | S-ZA25 | 3 750 |
| 3. Gotthard Gunther, Visiting Research Associate Professor..... | S-DY | 9 500 |
| 4. Murray L. Babcock, Research Assistant Professor..... | S-BY | 8 500 |
| 5. John K. Russell, Instructor..... | S-D50 | 2 400 |
| 6. David M. Neill, Research Assistant..... | S-DY | 5 100 |
| 7. Crayton C. Walker, Research Assistant..... | S-E | 4 000 |
| <i>Total, U.S. National Science Foundation G17414.....</i> | | <u>\$43 750</u> |

U.S. NATIONAL SCIENCE FOUNDATION G19776

Account Number 46-22-25-355

- | | | |
|--|--------|-----------------|
| 1. Charles Hendricks, Jr., Associate Professor..... | S-ZA10 | \$ 1 100 |
| 2. James J. Hogan, Instructor..... | S-D50 | 2 450 |
| <i>Total, U.S. National Science Foundation G19776.....</i> | | <u>\$ 3 550</u> |

U.S. N.O.B.S. 64723

Account Number 46-22-25-357

- | | | |
|---|---------|-----------------|
| 1. Wendell E. Miller, Professor..... | S-ZAY5 | \$ 840 |
| 2. Edgar C. Hayden, Associate Professor..... | S-ZA30 | 3 600 |
| 3. Robert S. Smith, Research Assistant Professor..... | S-DY | 10 500 |
| 4. Leon J. Miller, Research Associate..... | S-ZDY50 | 4 200 |
| <i>Total, U.S. N.O.B.S. 64723.....</i> | | <u>\$19 140</u> |

U.S. N.O.B.S.R. 85243

Account Number 46-22-25-358

- | | | |
|--|---------|-----------------|
| 1. Paul E. Mayes, Associate Professor..... | S-ZAY25 | \$ 3 675 |
| 2. H. Morshed, Research Assistant..... | S-DY | 4 900 |
| <i>Total, U.S. N.O.B.S.R. 85243.....</i> | | <u>\$ 8 575</u> |

U.S. OFFICE OF NAVAL RESEARCH 183402

Account Number 46-22-25-378

- | | | |
|---|---------|-----------------|
| 1. Edgar C. Hayden, Associate Professor..... | S-ZA10 | \$ 1 200 |
| 2. Leon J. Miller, Research Associate..... | S-ZDY45 | 3 780 |
| <i>Total, U.S. Office of Naval Research 183402.....</i> | | <u>\$ 4 980</u> |

U.S. OFFICE OF NAVAL RESEARCH 183417

Account Number 46-22-25-380

- | | | |
|---|--------|-----------------|
| 1. Paul Handler, Associate Professor..... | S-ZA25 | \$ 2 875 |
| 2. H. Peter D. Lanyon, Visiting Research Associate..... | S-DY | 7 200 |
| <i>Total, U.S. Office of Naval Research 183417.....</i> | | <u>\$10 075</u> |

U.S. OFFICE OF NAVAL RESEARCH 183420

Account Number 46-22-25-381

- | | | |
|---|---------|-----------------|
| 1. Wendell E. Miller, Professor..... | S-ZAY5 | \$ 840 |
| 2. Elizabeth K. Kelly, Research Associate..... | S-ZDY15 | 1 335 |
| (Total Salary)..... | | (9 000) |
| 3. Renate M. Oppenlander, Research Assistant..... | S-ZDY50 | 2 450 |
| (Total Salary)..... | | (4 900) |
| <i>Total, U.S. Office of Naval Research 183420.....</i> | | <u>\$ 4 625</u> |

U.S. OFFICE OF NAVAL RESEARCH 183429

Account Number 46-22-25-383

- | | | |
|---|---------|----------|
| 1. Floyd Dunn, Associate Professor..... | S-ZAY75 | \$ 8 700 |
|---|---------|----------|

U.S. PUBLIC HEALTH SERVICE B3344

Account Number 46-22-25-387

- | | | |
|--|---------|-----------------|
| 1. Francis J. Fry, Research Associate Professor..... | S-ZBY25 | \$ 3 125 |
| (Total Salary)..... | | (12 500) |
| 2. Stefen Borbely, Research Assistant..... | S-DY | 6 000 |
| <i>Total, U.S. Public Health Service B3344.....</i> | | <u>\$ 9 125</u> |

U.S. PUBLIC HEALTH SERVICE B1017

Account Number 46-22-25-388

- | | | |
|--|---------|-----------------|
| 1. Francis J. Fry, Research Associate Professor..... | S-ZBY50 | \$ 6 250 |
| 2. Ruth V. Chalmers, Research Assistant..... | S-ZDY50 | 2 500 |
| 3. Reginald C. Eggleton, Research Assistant..... | S-DY | 9 100 |
| <i>Total, U.S. Public Health Service B1017.....</i> | | <u>\$17 850</u> |

U.S. PUBLIC HEALTH SERVICE B1567

Account Number 46-22-25-390

- | | | |
|--|---------|----------|
| 1. Francis J. Fry, Research Associate Professor..... | S-ZBY25 | \$ 3 125 |
|--|---------|----------|

U.S. PUBLIC HEALTH SERVICE C4044

Account Number 46-22-25-391

- | | | |
|--|--------|----------|
| 1. Heinz M. Von Foerster, Professor..... | S-ZA25 | \$ 3 750 |
|--|--------|----------|

Ultrasound in Biology

Account Number 00-22-26-300

- | | | |
|--|---------|-----------------|
| 1. William J. Fry, Professor..... | S-AY | \$16 500 |
| 2. Garth J. Thomas, Research Professor..... | S-ZAY50 | 7 700 |
| (Total Salary)..... | | (15 400) |
| 3. Elizabeth K. Kelly, Research Associate..... | S-ZDY85 | 7 665 |
| (Total Salary)..... | | (9 000) |
| Nonacademic Salaries..... | S | 7 428 |
| <i>Total, Salaries.....</i> | | <u>(39 293)</u> |
| Wages..... | S | 400 |
| Expense..... | S | 2 300 |
| Equipment..... | S | 2 300 |
| <i>Total, Wages, Expense, and Equipment.....</i> | S | <u>(5 000)</u> |
| <i>Total, Ultrasound in Biology.....</i> | | <u>\$44 293</u> |

General Engineering

Account Number 00-22-30-100

- | | | |
|--|-------|----------|
| 1. Jerry S. Dobrovolny, Professor and Head of Department | C-A | \$13 000 |
| 2. S. G. Hall, Professor..... | C-A | 11 200 |
| 3. R. P. Hoelscher, Professor, <i>Emeritus</i> | C-R | ..... |
| 4. Bernt O. Larson, Professor..... | C-A | 11 800 |
| 5. Edwin McClintock, Jr., Professor..... | S-A | 10 800 |
| 6. John E. Pearson, Professor..... | C-A | 12 200 |
| 7. Stanley H. Pierce, Professor..... | C-ZAY | ..... |
| 8. Wayne L. Shick, Professor..... | C-A | 10 300 |
| 9. C. H. Springer, Professor, <i>Emeritus</i> | R | ..... |
| 10. L. D. Walker, Professor..... | C-A | 11 300 |
| 11. _____, Professor..... | S-A | 10 000 |
| 12. Robert P. Borri, Associate Professor..... | C-A | 8 800 |
| 13. Edward D. Ebert, Associate Professor..... | C-A | 10 000 |
| 14. Thomas C. Hartley, Associate Professor..... | C-A | 8 400 |
| 15. Robert A. Jewett, Associate Professor..... | C-A | 8 500 |
| 16. Fred L. Spalding, Associate Professor..... | C-A | 8 500 |
| 17. Grace Wilson, Associate Professor..... | C-A | 8 200 |
| 18. William F. Berkow, Assistant Professor..... | C-B | 7 600 |
| 19. R. S. Crossman, Assistant Professor, <i>Emeritus</i> | C-R | ..... |
| 20. John P. Hipkind, Assistant Professor..... | C-B | 6 700 |
| 21. Gordon E. Martin, Assistant Professor..... | C-B | 8 400 |
| 22. Howard C. Nelson, Assistant Professor..... | C-B | 6 700 |
| 23. David R. Opperman, Assistant Professor..... | C-ZBY | ..... |

24. Maurice G. Porter, Assistant Professor.....	C-ZB33	2 800
(Total Salary).....		(8 400)
25. Donald E. Scheck, Assistant Professor.....	C-B	7 000
26. Paul W. Steinbeck, Assistant Professor.....	C-B	6 700
27. James R. Tague, Assistant Professor.....	C-B	7 200
28. Robert W. Bokenkamp, Instructor.....	C-D	8 000
29. John R. Cain, Instructor.....	ZDY	.....
30. Uffe Hindhede, Instructor.....	C-D	6 200
31. David C. O'Bryant, Instructor.....	C-D	6 200
32. Ronald J. Placek, Instructor.....	C-D	7 800
33. David R. Reyes-Guerra, Instructor.....	C-D	8 000
34. Donald H. Rimbey, Instructor.....	C-D	8 000
35. Harrison Streeter, Instructor.....	C-D	7 300
36. _____, Instructor.....	C-D	6 500
37. 2.50 Full-time Equivalent Assistants.....	C-E	10 350
Nonacademic Salaries.....	C	14 685
<i>Total, Salaries</i>	C	(279 135)
Wages.....	C	6 000
Expense.....	C	11 300
Equipment.....	C	2 600
<i>Total, Wages, Expense, and Equipment</i>	C	(19 900)
<i>Total, General Engineering</i>		\$299 035

Highway Traffic Safety Center

Account Number 00-22-32-300		
1. John E. Baerwald, Director.....	S-ZD50	\$(5 250)
(Total Salary).....		(10 500)
Nonacademic Salaries.....	S	(2 070)
<i>Total, Salaries</i>	S	(7 320)
Expense.....	S	(3 400)
<i>Total, Highway Traffic Safety Center</i>		\$10 720

Measurement Program

Account Number 00-22-35-300		
1. H. N. Hayward, Director.....	S-ZD	\$14 100
2. Howard C. Roberts, Research Professor.....	S-AY	13 000
Nonacademic Salaries.....	S	32 790
<i>Total, Salaries</i>	S	(59 890)
Wages.....	S	3 300
Expense.....	S	4 200
Equipment.....	S	4 000
<i>Total, Wages, Expense, and Equipment</i>	S	(11 500)
<i>Total, Measurement Program</i>		\$71 390

Mechanical and Industrial Engineering

Account Number 00-22-40-100; College 00-22-40-100; Station 00-22-40-300

1. Helmut H. Korst, Professor of Mechanical Engineering and Head of Department.....	C-A	\$18 000
2. Seichi Konzo, Professor of Mechanical Engineering and Associate Head of Department.....	C-A	16 500
3. Harlan D. Bareither, Professor of Mechanical Engineering (Total Salary).....	C-ZAY27	4 310 (16 000)
4. E. L. Broghamer, Professor of Mechanical Engineering..	C-A	11 100
5. C. H. Casberg, Professor, <i>Emeritus</i>	C-R	.....
6. Bei Tse Chao, Professor of Mechanical Engineering..... (Total Salary).....	C-ZA67	9 700 (14 500)
7. Lawrence E. Doyle, Professor of Mechanical Engineering	C-A	10 500
8. William N. Espy, Professor, <i>Emeritus</i>	R	.....
9. M. K. Fahnestock, Research Professor of Mechanical Engineering.....	S-ZAY	13 400
10. Julian R. Fellows, Professor of Mechanical Engineering (Transferred to Trust)	C-ZA	12 200
11. C. Dale Greffe, Professor of Mechanical Engineering....	C-A	9 800

12. George W. Harper, Professor of Mechanical Engineering	C-A	10 900
13. Eugene F. Hebrank, Professor of Mechanical Engineering	C-A	11 400
14. John A. Henry, Professor of Mechanical Engineering	C-ZA75	8 100
(Total Salary)		(10 800)
15. William L. Hull, Professor of Mechanical Engineering	C-A	12 400
16. A. P. Kratz, Research Professor, <i>Emeritus</i>	C-R	
17. Reinhold F. Larson, Professor of Mechanical Engineering	C-A	11 600
18. James L. Leach, Professor of Mechanical Engineering	C-ZA50	5 250
(Total Salary)		(10 500)
19. Edwin D. Luke, Professor of Mechanical Engineering	C-A	11 700
20. Ross J. Martin, Professor of Mechanical Engineering	C-ZAY	
21. John C. Miles, Professor of Mechanical Engineering	C-ZA	10 700
(Transferred to Trust)		
22. Norman A. Parker, Professor of Mechanical Engineering	A	
(See Chicago)		
23. E. B. Penrod, Visiting Professor of Mechanical Engineering	C-E	(13 700)
24. Leo C. Pigage, Professor of Mechanical Engineering	C-A	11 000
25. Eugene I. Radzimovsky, Professor of Mechanical Engineering	C-A	12 000
26. David G. Ryan, Professor of Mechanical Engineering	C-A	13 200
27. Francis Seyfarth, Professor of Mechanical Engineering	C-A	10 400
28. Shao Lee Soo, Professor of Mechanical Engineering	C-A	15 000
29. K. J. Trigger, Professor of Mechanical Engineering	C-A	16 200
30. ———, Professor of Mechanical Engineering	C-A	12 300
31. ———, Professor of Mechanical Engineering	C-A	19 000
32. Willard E. Bair, Associate Professor of Mechanical Engineering	C-A	9 700
33. James W. Bayne, Associate Professor of Mechanical Engineering	C-A	9 400
34. Wen Lung Chow, Associate Professor of Mechanical Engineering	S-A	10 100
35. David H. Cole, Associate Professor of Mechanical Engineering	C-A	8 000
36. A. G. Friederich, Associate Professor of Mechanical Engineering	C-A	8 200
37. David H. Offner, Associate Professor of Mechanical Engineering	C-A	8 900
38. C. E. Schubert, Associate Professor, <i>Emeritus</i>	C-R	
39. Wilbert F. Stoecker, Associate Professor of Mechanical Engineering	C-A	10 100
40. Ross P. Strout, Associate Professor of Mechanical Engineering	C-A	8 600
41. B. F. Vonturkovich, Associate Professor of Industrial Engineering	C-D	10 000
42. John L. Whisenand, Associate Professor of Mechanical Engineering	C-A	8 500
43. ———, Associate Professor of Mechanical Engineering	C-A	9 200
44. ———, Associate Professor of Mechanical Engineering	C-A	9 300
45. Alexander A. Hayday, Assistant Professor of Mechanical Engineering	C-B	9 200
46. Robert G. Hering, Assistant Professor of Mechanical Engineering	C-B	9 700
47. E. Atlee Jackson, Assistant Professor of Mechanical Engineering	C-ZD33	(3 167)
(Total Salary)		(9 500)
48. Thomas J. Mueller, Assistant Professor of Mechanical Engineering	C-ZD50	(4 500)
(Total Salary)		(9 000)
49. Charles M. Phipps, Jr., Assistant Professor of Mechanical Engineering	C-B	7 600
50. ———, Assistant Professor of Mechanical Engineering	C-B	10 700

51. C. E. Derrough, Instructor, <i>Emeritus</i>	C-R	.....
52. James L. French, Instructor in Mechanical Engineering	C-D	6 800
53. Ronald H. Howell, Instructor in Mechanical Engineering	C-D	6 600
54. Stephan Konz, Instructor in Mechanical Engineering...	C-D	6 900
55. S. Ramalingam, Instructor in Mechanical Engineering.	C-D	6 700
56. Howard L. Schmidt, Instructor in Mechanical Engineering.....	C-D	6 100
57. Morse B. Singer, Instructor in Mechanical Engineering	C-D	7 500
58. Ronald L. Smoot, Instructor in Mechanical Engineering (On leave without pay first semester 1962-63)	C-D	6 900
59. Robert A. White, Instructor in Mechanical Engineering	C-D	6 600
60. A. D. Wright, Instructor, <i>Emeritus</i>	C-R	.....
61. George P. Anderson, Lecturer in Industrial Engineering	C-D	10 600
62. Parker H. Badger, Lecturer in Mechanical Engineering	C-D	8 400
63. Stephen R. Davis, Lecturer in Mechanical Engineering	C-D	8 900
64. ———, Lecturer in Mechanical Engineering.....	C-D25	1 650
65. 9.30 Full-time Equivalent Assistants.....	C-E	42 750
66. 0.25 Full-time Equivalent Assistants.....	S-E	1 100
Nonacademic Salaries.....	C	95 447
Nonacademic Salaries.....	S	27 868
<i>Total, Salaries</i>	C	(694 675)
Wages.....	C	6 100
Expense.....	C	35 300
Expense.....	S	3 600
Equipment.....	C	7 000
Equipment.....	S	3 000
<i>Total, Wages, Expense, and Equipment</i>	C	(55 000)
<i>Total, Mechanical and Industrial Engineering</i>		\$749 675

Cooperative Investigations

INSTITUTE OF BOILER AND RADIATOR MANUFACTURERS —

STEAM AND WATER HEAT

Account Number 44-22-40-342

1. Warren S. Harris, Professor of Mechanical Engineering	S-AY	\$14 000
2. Robert R. Laschober, Research Associate in Mechanical Engineering.....	S-DY	8 600
<i>Total, Institute of Boiler and Radiator Manufacturers — Steam and Water Heat.</i>		\$22 600

NATIONAL WARM AIR HEATING — FURNACES

Account Number 44-22-40-356

1. James H. Healy, Research Associate in Mechanical Engineering.....	S-DY	\$ 7 500
2. M. N. Patterson, Research Assistant in Mechanical Engineering.....	S-DY	6 500
<i>Total, National Warm Air Heating — Furnaces.</i>		\$14 000

U.S. AIR FORCE 909

Account Number 46-22-40-308

1. E. Atlee Jackson, Assistant Professor of Mechanical Engineering.....	S-ZD67	\$ 6 333
2. Thomas J. Mueller, Assistant Professor of Mechanical Engineering.....	S-ZD50	4 500
<i>Total, U.S. Air Force 909</i>		\$10 833

Mining, Metallurgy, and Petroleum Engineering

Account Number 00-22-50-100; College 00-22-50-100; Station 00-22-50-300

1. Thomas A. Read, Professor of Metallurgy and Head of Department.....	C-A	\$19 100
2. Robert W. Balluffi, Professor of Physical Metallurgy....	S-ZA50	6 000
(Total Salary).....		(12 000)
3. Paul A. Beck, Professor of Physical Metallurgy.....	S-A	16 200
4. Robert W. Bohl, Professor of Metallurgical Engineering	C-ZA67	7 200
(Total Salary).....		(10 800)

5. W. H. Bruckner, Professor of Metallurgical Engineering	S-ZA50	5 450
(Total Salary).....		(10 900)
6. William R. Chedsey, Professor of Mining Engineering, <i>Emeritus</i>	C-R	.....
7. Adriaan J. De Witte, Professor of Petroleum Engineering	C-A	10 400
8. Earl J. Eckel, Professor of Metallurgical Engineering....	C-A	11 200
9. David S. Lieberman, Professor of Physical Metallurgy..	C-A	10 400
(On leave without pay 1962-63)		
10. Marvin Metzger, Professor of Physical Metallurgy.....	S-A	10 400
11. Bernard G. Ricketts, Professor of Metallurgical Engi- neering.....	C-A	12 000
12. Hubert E. Risser, Professor of Mineral Economics.....	C-A10	1 200
(Also State Geological Survey)		
13. Walter D. Rose, Professor of Petroleum Engineering....	C-A	12 300
(On leave with one-half pay 1962-63)		
14. Adrian E. Scheidegger, Professor of Petrophysics.....	C-A	12 000
15. Norman Street, Professor of Mining Engineering.....	C-A	10 300
16. Robb M. Thomson, Professor of Physical Metallurgy....	C-A	10 500
(On leave with pay second semester 1962-63)		
17. Walter H. Voskuil, Professor of Mining Engineering, <i>Emeritus</i>	C-R	.....
18. Charles A. Wert, Professor of Physical Metallurgy.....	S-ZA50	7 500
(Total Salary).....		(15 000)
19. Frederick D. Wright, Professor of Mining Engineering	C-A	11 900
20. George R. Eadie, Associate Professor of Mining Engi- neering.....	C-A	9 500
21. A. C. Forsyth, Associate Professor of Metallurgical Engi- neering.....	C-A	8 700
22. Clarence M. Wayman, Associate Professor of Metal- lurgical Engineering.....	C-A	8 700
23. Erwin K. Weise, Associate Professor of Metallurgical Engineering.....	C-A	8 000
24. Carl J. Altstetter, Assistant Professor of Physical Metal- lurgy.....	C-B	8 300
25. 1.25 Full-time Equivalent Assistants.....	C-E	5 350
26. 1.00 Full-time Equivalent Research Assistants.....	S-E	4 200
Nonacademic Salaries.....	C	22 734
Nonacademic Salaries.....	S	17 198
<i>Total, Salaries</i>	C	(266 732)
Wages.....	C	1 900
Wages.....	S	2 600
Expense.....	C	8 500
Expense.....	S	6 300
Equipment.....	C	6 400
Equipment.....	S	4 600
<i>Total, Wages, Expense, and Equipment</i>	C	(30 300)
<i>Total, Mining, Metallurgy, and Petroleum Engineering..</i>		\$297 032

Indirect Costs — Mining, Metallurgy, and Petroleum Engineering

Account Number 40-22-50-300

1. Theodore J. Rowland, Professor of Physical Metallurgy	S-ZD50	\$ 5 750
(Total Salary).....		(11 500)
2. Howard K. Birnbaum, Associate Professor of Physical Metallurgy.....	S-ZD50	4 750
(Total Salary).....	S	(9 500)
3. Anthony F. Graziano, Research Associate in Mining and Metallurgy.....	S-ZDY20	2 000
(Total Salary).....		(10 000)
<i>Total, Indirect Costs — Mining, Metallurgy, and Petroleum Engineering</i>		\$ 12 500

Cooperative Investigations

AMERICAN GAS ASSOCIATION — STEEL CORROSION

Account Number 44-22-50-302

1. W. H. Bruckner, Professor of Metallurgical Engineering	S-ZA25	\$ 2 725
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U.S. AIR FORCE 819

Account Number 46-22-50-303

1. Vittorio Celli, Assistant Professor of Metallurgical Engineering.....	S-DY	\$ 8 500
2. Milton N. Kabler, Assistant Professor of Metallurgical Engineering.....	S-DY	8 500
3. Anthony F. Graziano, Research Associate in Mining and Metallurgy.....	S-ZDY40	4 000
<i>Total, U.S. Air Force 819.....</i>		<u>\$21 000</u>

U.S. ATOMIC ENERGY COMMISSION 1113

Account Number 46-22-50-323

1. Theodore J. Rowland, Professor of Physical Metallurgy.....	S-ZD50	\$ 5 750
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U.S. ATOMIC ENERGY COMMISSION 1076

Account Number 46-22-50-322

1. Anthony F. Graziano, Research Associate in Mining and Metallurgy.....	S-ZDY40	\$ 4 000
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U.S. ATOMIC ENERGY COMMISSION 1110

Account Number 46-22-50-324

1. Howard K. Birnbaum, Associate Professor of Physical Metallurgy.....	S-ZD50	\$ 4 750
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U.S. AIR FORCE G62-192

Account Number 46-22-50-308

1. Reginald F. Peart, Research Associate in Mining, Metallurgy, and Petroleum Engineering.....	S-DY	\$ 8 200
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U.S. NATIONAL SCIENCE FOUNDATION G15749

Account Number 46-22-50-356

1. Kinkar P. Gupta, Research Associate in Mining, Metallurgy, and Petroleum Engineering.....	S-DY	\$ 7 000
2. Neil Pessall, Research Associate in Mining, Metallurgy, and Petroleum Engineering.....	S-DY	7 000
<i>Total, U.S. National Science Foundation G15749.....</i>		<u>\$14 000</u>

Nuclear Engineering

Account Number 00-22-53-100

1. Felix T. Adler, Professor.....	C-ZA50	\$ 8 050
(Total Salary).....		(16 100)
2. Robert W. Bohl, Professor.....	C-ZA33	3 600
(Total Salary).....		(10 800)
3. Arthur P. Boresi, Professor.....	C-ZA33	4 650
(Total Salary).....		(14 000)
4. Bei Tse Chao, Professor.....	C-ZA33	4 800
(Total Salary).....		(14 500)
5. Marvin E. Wyman, Professor.....	C-ZA	15 200
6. Arthur B. Chilton, Associate Professor.....	C-ZA55	5 500
(Total Salary).....		(11 000)
7. Daniel F. Hang, Associate Professor.....	C-ZA50	5 250
(Total Salary).....		(10 500)
8. George H. Miley, Assistant Professor.....	C-B	8 300
9. 2.00 Full-time Equivalent Assistants.....	C-E	8 400
Nonacademic Salaries.....	C	20 276
<i>Total, Salaries.....</i>		<u>(84 026)</u>
Wages.....	C	950
Expense.....	C	12 150
Equipment.....	C	4 300
<i>Total, Wages, Expense and Equipment.....</i>		<u>(17 400)</u>
<i>Total, Nuclear Engineering.....</i>		<u>\$101 426</u>

Physics

Account Number 00-22-55-100; College 00-22-55-100; Station 00-22-55-300

1. Frederick Seitz, Professor and Head of Department.....	C-A	\$23 200
2. G. M. Almy, Professor and Associate Head of Department.....	C-A	20 500

3. Felix T. Adler, Professor.....	C-ZA50	8 050
(Total Salary).....		(16 100)
4. James S. Allen, Professor.....	C-ZA50	7 000
(Total Salary).....		(14 000)
5. Daniel Alpert, Research Professor.....	C-ZAY	.....
6. Giulio Ascoli, Professor.....	C-A	10 500
7. Peter Axel, Professor.....	C-A	11 600
(On leave with one-half pay 1962-63)		
8. John Bardeen, Professor.....	C-ZA50	10 500
(Total Salary).....		(23 500)
9. James H. Bartlett, Professor.....	C-A	10 500
(On leave with pay first semester 1962-63)		
10. Frederick C. Brown, Professor.....	C-A	12 400
11. Richard M. Brown, Research Professor.....	C-ZAY	.....
12. Hans Frauenfelder, Professor.....	C-ZA50	9 000
(Total Salary).....		(18 000)
(On leave with one-half pay second semester 1962-63)		
13. Edwin L. Goldwasser, Professor.....	C-A	18 000
14. Alfred O. Hanson, Professor.....	C-A	14 600
15. Robert D. Hill, Professor.....	C-A	13 000
16. Robert I. Hulsizer, Jr., Professor.....	C-A	13 900
17. John D. Jackson, Professor.....	C-A	14 800
18. James Koehler, Professor.....	C-ZA50	7 500
(Total Salary).....		(15 000)
19. P. Gerald Kruger, Professor.....	C-A	16 800
(On leave with pay first semester 1962-63)		
20. Leo S. Lavatelli, Professor.....	C-A	11 200
21. David Lazarus, Professor.....	C-A	12 700
22. F. W. Loomis, Professor, <i>Emeritus</i>	C-R	.....
23. E. M. Lyman, Professor.....	C-A	13 700
24. Dillon E. Mapother, Professor.....	C-A	12 600
25. Robert J. Maurer, Professor.....	C-A	16 700
26. Kazuhiko Nishijima, Professor.....	C-A	14 400
27. John R. Pasta, Research Professor.....	C-ZAY	.....
28. David Pines, Professor.....	C-ZA50	9 000
(Total Salary).....		(18 000)
(On leave without pay first semester 1962-63 and with pay second semester 1962-63)		
29. Robert D. Sard, Professor.....	C-A	14 300
30. Charles P. Slichter, Professor.....	C-A	20 000
31. James H. Smith, Professor.....	C-A	10 900
32. James N. Snyder, Professor.....	C-ZA	.....
33. F. R. Watson, Professor, <i>Emeritus</i>	C-RA	.....
34. John C. Wheatley, Professor.....	C-A	12 000
35. Marvin E. Wyman, Professor.....	ZA	.....
36. Julius H. Cahn, Associate Professor.....	C-ZAY	.....
37. W. Dale Compton, Associate Professor.....	C-A	10 300
38. Duane H. Cooper, Research Associate Professor.....	C-ZAY	.....
39. Lloyd D. Fosdick, Research Associate Professor.....	C-ZA	.....
40. Andrew V. Granato, Associate Professor.....	C-A	10 300
41. Paul Handler, Associate Professor.....	C-ZA	.....
42. John P. Hummel, Associate Professor.....	C-ZA50	4 600
(Total Salary).....		(9 200)
43. Ulrich E. Kruse, Associate Professor.....	C-A	10 500
44. Edgar Luscher, Research Associate Professor.....	C-ZAY	.....
45. Bruce H. McCormick, Associate Professor.....	C-ZA	.....
46. R. F. Paton, Associate Professor, <i>Emeritus</i>	C-R	.....
47. Manfred Raether, Research Associate Professor.....	C-ZAY	.....
48. David G. Ravenhall, Associate Professor.....	C-A	10 600
49. Chih Tang Sah, Associate Professor.....	C-ZA	.....
50. C. B. Satterthwaite, Associate Professor.....	ZAY	.....
51. J. Robert Schrieffer, Associate Professor.....	C-A	12 000
52. Ralph O. Simmons, Associate Professor.....	C-A	9 500
53. H. W. Wyld, Jr., Associate Professor.....	C-A	10 400

54. _____, Associate Professor.....	C-ZD50	4 500
55. Alexander Abashian, Assistant Professor.....	C-B	9 300
56. Donald M. Ginsberg, Assistant Professor.....	C-B	8 600
57. E. Atlee Jackson, Assistant Professor.....	ZB	.....
58. Harvey J. Stapleton, Assistant Professor.....	C-B	7 500
59. 34.00 Full-time Equivalent Assistants.....	C-E	141 900
Nonacademic Salaries.....	C	115 206
<i>Total, Salaries</i>	C	(734 556)
Wages.....	C	3 900
Expense.....	C	32 600
Expense.....	S	9 100
Equipment.....	C	6 000
Equipment.....	S	8 000
<i>Total, Wages, Expense, and Equipment</i>	C	(59 600)
<i>Total, Physics</i>		\$794 156

Cooperative Investigations**U.S. AIR FORCE 528**

Account Number 46-22-55-303

1. Allen H. Miller, Research Assistant Professor.....	S-DY	\$ 7 950
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U.S. AIR FORCE 529

Account Number 46-22-55-305

1. H. Ohkura, Research Assistant Professor.....	S-DY	\$ 8 000
2. T. M. Srinivasan, Research Assistant Professor.....	S-DY	8 500
<i>Total, U.S. Air Force 529</i>		\$16 500

U.S. AIR FORCE 594

Account Number 46-22-55-307

1. William P. Swanson, Research Assistant Professor.....	S-DY	\$ 8 200
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U.S. AIR FORCE 1048

Account Number 46-22-55-314

1. Hendrik de Waard, Visiting Professor.....	S-DY70	\$ 9 000
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U.S. ATOMIC ENERGY COMMISSION AT11-1-1102

Account Number 46-22-55-320

1. Colin P. Flynn, Research Assistant Professor.....	S-DY	\$ 8 500
2. David A. Blackburn, Research Associate.....	S-DY	7 500
<i>Total, U.S. Atomic Energy Commission AT11-1-1102</i> ...		\$16 000

U.S. ATOMIC ENERGY COMMISSION 1056

Account Number 46-22-55-321

1. Ansel C. Anderson, Research Assistant Professor.....	S-DY	\$ 9 200
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U.S. ATOMIC ENERGY COMMISSION 182

Account Number 46-22-55-322

1. Robert W. Balluffi, Professor of Physical Metallurgy....	S-ZA50	\$ 6 000
(Total Salary).....		(12 000)
2. James Koehler, Professor.....	S-ZA50	7 500
3. Charles A. Wert, Professor of Physical Metallurgy.....	S-ZA50	7 500
(Total Salary).....		(15 000)
4. F. Garcia-Moliner, Visiting Associate Professor.....	S-D	9 300
5. Miles V. Klein, Research Assistant Professor.....	S-D	7 500
6. Friedrich Dworschak, Research Associate.....	S-DY	7 500
7. Kornelius Herschbach, Research Associate.....	S-DY	7 800
8. John A. Venables, Research Associate.....	S-DY	7 500
<i>Total, U.S. Atomic Energy Commission 182</i>		\$60 600

U.S. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**NATIONAL SCIENCE GRANT 228-62**

Account Number 46-22-55-350

1. Edward A. Davis, Research Associate.....	S-DY	\$ 7 500
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U.S. NATIONAL SCIENCE FOUNDATION G14308

Account Number 46-22-55-351

1. Masao Doyama, Research Associate.....	S-DY	\$ 7 500
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U.S. NATIONAL SCIENCE FOUNDATION G17428

Account Number 46-22-55-357

1. Theodore A. J. Maris, Visiting Professor.....	S-DY	\$11 000
2. Huzihiro Araki, Research Assistant Professor.....	S-D	8 100
<i>Total, U.S. National Science Foundation G17428.....</i>		<i>\$19 100</i>

U.S. NATIONAL SCIENCE FOUNDATION G19735

Account Number 46-22-55-359

1. George D. Whitfield, Research Assistant Professor.....	S-DY	\$ 8 200
2. Stanley J. Engelsberg, Research Associate.....	S-DY	7 700
<i>Total, U.S. National Science Foundation G19735.....</i>		<i>\$15 900</i>

U.S. OFFICE OF NAVAL RESEARCH 183405

Account Number 46-22-55-361

1. James S. Allen, Professor.....	S-ZA50	\$ 7 000
2. Morton K. Brussel, Research Assistant Professor.....	S-DY	10 300
3. Lutz Criegee, Research Assistant Professor.....	S-DY	8 200
4. Peter G. Debrunner, Research Assistant Professor.....	S-DY	8 200
5. Giovanni De Pasquali, Research Assistant Professor....	S-DY	9 300
6. David C. Sutton, Assistant Professor.....	S-ZD50	3 750
7. George T. Condo, Research Associate.....	S-DY	7 200
8. Roy L. Schult, Research Associate.....	S-DY	7 800
9. Mir Azam Ali, Research Assistant.....	S-DY	5 800
10. Lee Dorothy Carlson, Research Assistant.....	S-DY	6 000
11. John F. Lathrop, Research Assistant.....	S-DY	6 500
12. Patricia C. Martin, Research Assistant.....	S-DY	6 300
13. Hilary W. Moore, Research Assistant.....	S-DY	6 000
<i>Total, U.S. Office of Naval Research 183405.....</i>		<i>\$92 350</i>

U.S. OFFICE OF NAVAL RESEARCH 183419

Account Number 46-22-55-370

1. Pappu V. Sastry, Research Associate.....	S-DY	\$ 7 800
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Physics Betatron

Account Number 00-22-56-300

1. Rudolf Haag, Research Professor.....	S-A	\$14 400
2. C. S. Robinson, Research Professor.....	S-AY	14 900
3. Albert Wattenberg, Research Professor.....	S-AY	17 900
(On leave without pay September 1, 1962, to February 28, 1963, and with one-half pay for six months from March 1, 1963)		
4. Louis J. Koester, Jr., Research Associate Professor.....	S-AY	12 100
5. David C. Sutton, Assistant Professor.....	S-ZD50	(3 750)
(Total Salary).....		(7 500)
(Paid from item 3)		
6. 3.00 Full-time Equivalent Research Assistants.....	S-DY	15 400
Nonacademic Salaries.....	S	70 330
<i>Total, Salaries.....</i>	S	<i>(145 030)</i>
Wages.....	S	2 300
Expense.....	S	19 000
Equipment.....	S	10 400
<i>Total, Wages, Expense, and Equipment.....</i>	S	<i>(31 700)</i>
<i>Total, Physics Betatron.....</i>		<i>\$176 730</i>

Theoretical and Applied Mechanics

Account Number 00-22-60-100; College 00-22-60-100; Station 00-22-60-300

1. Thomas J. Dolan, Professor and Head of Department...	C-A	\$19 900
2. Arthur P. Boresi, Professor.....	C-ZA67	9 350
(Total Salary).....		(14 000)
3. Cletus Edward Bowman, Professor.....	C-A	11 100
4. Marlyn E. Clark, Professor.....	{C-A50 S-A50	5 100 5 100
(Total Salary).....		(10 200)
5. W. Leighton Collins, Professor.....	C-ZA25	3 400
(Total Salary).....		(13 600)
6. Herbert T. Corten, Professor.....	S-A	12 200

7. N. E. Ensign, Professor, <i>Emeritus</i>	C-R	.....
8. Paul Guy Jones, Professor.....	C-A	13 000
9. Clyde E. Kesler, Professor.....	S-A	11 700
10. Henry L. Langhaar, Professor.....	C-A	17 000
11. Wallace M. Lansford, Professor.....	C-A	13 600
12. William J. Putnam, Professor, <i>Emeritus</i>	C-R	.....
13. James M. Robertson, Professor.....	{C-A50 S-A50	6 200 6 200
(Total Salary).....		(12 400)
14. W. L. Schwalbe, Professor, <i>Emeritus</i>	C-R	.....
15. F. B. Seely, Professor, <i>Emeritus</i>	C-R	.....
16. Omar M. Sidebottom, Professor.....	{C-A50 S-A50	6 000 6 000
(Total Salary).....		(12 000)
17. George M. Sinclair, Professor.....	S-A	13 300
18. James O. Smith, Professor.....	C-A	14 300
19. Marvin Stippes, Professor.....	{C-A50 S-A50	5 800 5 800
(Total Salary).....		(11 600)
20. Charles E. Taylor, Professor.....	{C-A50 S-A50	6 000 6 000
(Total Salary).....		(12 000)
21. Harry R. Wetenkamp, Professor.....	C-A	10 800
22. Will J. Worley, Professor.....	{C-A50 S-A50	5 200 5 200
(Total Salary).....		(10 400)
23. Albert C. Bianchini, Associate Professor.....	{C-A50 S-A50	4 200 4 200
(Total Salary).....		(8 400)
24. Thaddeus M. Elsesser, Associate Professor.....	C-A	8 500
25. Robert E. Miller, Associate Professor.....	C-A	8 800
26. JoDean Morrow, Associate Professor.....	{C-A50 S-A50	4 700 4 700
(Total Salary).....		(9 400)
27. Edward M. Shoemaker, Associate Professor.....	C-A	10 400
28. Frederick G. Bauling, Assistant Professor.....	C-B	8 100
29. George Costello, Assistant Professor.....	C-B	8 500
30. Horatio M. Fitch, Assistant Professor.....	C-B	8 200
31. Russell S. Jensen, Assistant Professor.....	C-B	8 100
32. Gerald J. Moyar, Assistant Professor.....	C-D	7 400
33. John W. Murdock, Assistant Professor.....	C-B	7 700
34. Ching Wu Tseng, Assistant Professor.....	C-B	7 600
35. Donald F. Adams, Instructor.....	C-D50	2 800
36. Nelson R. Bauld, Jr., Instructor.....	C-D50	2 800
37. William B. Bickford, Instructor.....	C-D50	2 800
38. Ronald B. Carr, Instructor.....	C-D50	2 700
39. Robert D. Cook, Instructor.....	C-D50	2 800
40. James M. Doyle, Instructor.....	C-D50	2 850
41. Charles C. Fretwell, Instructor.....	C-D	5 900
42. Alpha E. Knapp, Instructor.....	C-D75	4 200
43. Sonia K. Metropole, Instructor.....	C-D50	2 800
44. Robert J. Nikolai, Instructor.....	C-D50	3 000
45. Frank J. Rizzo, Instructor.....	C-D50	3 000
46. Daniel F. Schoeberle, Instructor.....	C-D50	2 800
47. George E. Sliter, Instructor.....	C-D50	2 700
48. Morris Stern, Instructor.....	C-D	7 800
49. _____, Instructor.....	C-D50	2 700
50. George T. Taoka, Instructor.....	C-D50	2 700
51. _____, Instructor.....	C-D50	2 850
52. _____, Instructor.....	C-D50	2 800
53. Lee R. Calcote, Lecturer.....	C-D50	2 800
54. Walter R. Carnes, Lecturer.....	C-D33	1 800
55. 4.75 Full-time Equivalent Assistants.....	C-E	20 500
Nonacademic Salaries.....	C	50 664
Nonacademic Salaries.....	S	23 875
Total, Salaries.....	C	(478 989)

Wages.....	C	2 400
Wages.....	S	1 200
Expense.....	C	11 100
Expense.....	S	5 500
Equipment.....	C	6 500
Equipment.....	S	5 500
<i>Total, Wages, Expense, and Equipment.....</i>	C	(32 200)
<i>Total, Theoretical and Applied Mechanics.....</i>		\$511 189

Theoretical and Applied Mechanics Testing Revolving

Account Number 12-22-60-382

Expense.....	S	\$10 000
<i>Total, Theoretical and Applied Mechanics Testing Revolving.....</i>		\$10 000

Cooperative Investigations

AMERICAN IRON AND STEEL — FAILURES IN RAILROAD RAILS

Account Number 44-22-60-305

1. Ralph E. Cramer, Research Associate Professor of Engineering Materials.....	S-DY	\$11 500
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U.S. AIR FORCE 7619

Account Number 46-22-60-303

1. Philip E. Bennett, Instructor.....	S-D	\$ 6 300
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U.S. AIR FORCE 8177

Account Number 46-22-60-308

1. Charles E. Feltner, Research Associate.....	S-D	\$ 6 300
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U.S. OFFICE OF NAVAL RESEARCH 2947-02

Account Number 46-22-60-356

1. Neil M. Cameron, Research Associate.....	S-D50	\$ 2 800
2. I. Chih Wang, Research Associate.....	S-D50	2 700
<i>Total, U.S. Office of Naval Research 2947-02.....</i>		\$ 5 500

STATE OF ILLINOIS DIVISION OF HIGHWAYS — CREEP IN
STRUCTURAL CONCRETE

Account Number 47-22-60-312

1. Iqbal Ali, Research Associate.....	S-D50	\$ 2 900
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COLLEGE OF FINE AND APPLIED ARTS

	General	Wages, Expense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Administration.....	\$ 50 450	\$ 10 270	\$ 60 720
Special Art Projects.....		27 000	27 000
Architecture.....	499 600	14 600	514 200
Art.....	489 740	28 600	518 340
City Planning and Landscape Architecture..	114 440	5 150	119 590
School of Music.....	755 700	55 600	811 300
University of Illinois Bands.....	43 785	19 300	63 085
Krannert Art Museum.....	37 390	11 400	48 790
<i>Total, Instruction.....</i>	<i>(1 991 105)</i>	<i>(171 920)</i>	<i>(2 163 025)</i>
<i>Organized Research</i>			
Small Homes Council — Building Research Council.....	74 320	8 800	83 120
<i>Extension and Public Services</i>			
Bureau of Community Planning.....	72 130	6 130	78 260
<i>Student Aid</i>			
School of Music Scholarships.....		5 000	5 000
Band Scholarships and Commencement Expense.....		6 000	6 000
<i>Total, Student Aid.....</i>		<i>(11 000)</i>	<i>(11 000)</i>
<i>Total, General.....</i>	<i>\$2 137 555</i>	<i>\$197 850</i>	<i>\$2 335 405</i>

Restricted		<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Instruction</i>	<i>Salaries</i>		
Music Revolving.....		\$ 4 500	\$ 4 500
Music Records Revolving.....		2 500	2 500
University of Illinois Bands Revolving.....		5 000	5 000
Estimated Endowment Income.....	\$ 8 500	2 000	10 500
<i>Total, Instruction</i>	(8 500)	(14 000)	(22 500)
<i>Organized Research</i>			
Small Homes Council - Building Research			
Council Testing.....		200	200
Estimated Private Gifts.....	8 000	7 000	15 000
Estimated United States Contracts.....	1 900	100	2 000
Estimated State Contracts.....	31 000	7 000	38 000
<i>Total, Organized Research</i>	(40 900)	(14 300)	(55 200)
<i>Extension and Public Services</i>			
Small Homes Council - Building Research			
Council Publications Revolving.....	3 300	22 300	25 600
Estimated Indirect Costs.....		500	500
<i>Total, Extension and Public Services</i>	(3 300)	(22 800)	(26 100)
<i>Total, Restricted</i>	\$ 52 700	\$51 100	\$103 800

Administration

Account Number 00-24-01-100		
1. Allen S. Weller, Dean.....	ZBY	\$ 22 500
2. Rexford Newcomb, Dean and Professor of Architec- ture, <i>Emeritus</i>	R	.....
3. Robert P. Link, Associate Dean.....	ZBY	15 600
4. C. E. Palmer, Associate Dean, <i>Emeritus</i>	ZR	.....
Nonacademic Salaries.....		12 350
<i>Total, Salaries</i>		(50 450)
Wages.....		370
Expense.....		3 200
Special Art Project.....		20 000
Contingent.....		5 000
Convention Travel.....		7 000
Nonrecurring Unassigned.....		(2 000)
Equipment.....		1 700
<i>Total, Wages, Expense, and Equipment</i>		(37 270)
<i>Total, Administration</i>		\$ 87 720

Architecture

Account Number 00-24-05-100		
1. Granville S. Keith, Professor.....	A }	\$ 17 300
Chairman of Department.....	B }	
2. Jack S. Baker, Professor.....	A	11 600
3. Linwood J. Brightbill, Professor of Architectural Engi- neering.....	A	13 200
(On leave with pay first semester 1962-63)		
4. Ernest A. Connally, Professor.....	A	10 800
(Leave to be determined)		
5. Paul H. Coy, Professor.....	A	11 100
6. Walter L. Creese, Professor.....	A	11 900
7. Gabriel Guevrekian, Professor.....	A	12 700
8. Rudard A. Jones, Research Professor.....	ZAY	.....
9. Alan K. Laing, Professor.....	A	16 100
10. D. B. Lindsay, Professor.....	A	16 100
11. Robert P. Link, Professor.....	ZAY	.....
12. E. I. Love, Professor.....	A	16 100
13. Fred D. Miles, Professor.....	A	12 050
14. C. E. Palmer, Professor of Architectural Engineering, <i>Emeritus</i>	ZR	.....
15. L. H. Provine, Professor, <i>Emeritus</i>	R	.....

16. John G. Replinger, Professor.....	A	11 650
17. Robert J. Smith, Professor.....	A	16 100
18. E. F. Toth, Professor.....	A	16 100
19. A. Richard Williams, Professor.....	A	16 100
20. ———, Professor	A	11 100
21. George T. Clayton, Associate Professor.....	A	11 600
22. William Eng, Associate Professor.....	A	10 000
23. Earl M. Farnham, Associate Professor.....	A	8 200
24. George M. Hodge, Jr., Assistant to Chairman of Department.....	ZAY50	7 200
Associate Professor	ZA50	5 900
(Total Salary)		(13 100)
25. Harold L. Hornbeak, Associate Professor of Architectural Engineering	A	11 300
26. Walter M. Johnson, Associate Professor of Architectural Drawing	A	8 800
27. William H. Kapple, Research Associate Professor.....	ZAY	.....
28. Walter H. Lewis, Associate Professor.....	A	9 550
29. Ralph M. Line, Associate Professor.....	A	8 200
30. Charles B. Looker, Jr., Associate Professor.....	A	10 500
31. T. E. O'Donnell, Associate Professor, <i>Emeritus</i>	R	.....
32. Jack H. Swing, Associate Professor.....	A	12 000
33. Stephen J. Y. Tang, Associate Professor of Architectural Engineering	A	12 300
34. James B. Wallace, Associate Professor of Architectural Drawing	A	8 500
35. Harold C. Young, Associate Professor.....	A	10 000
36. James E. Ambrose, Assistant Professor.....	B	8 400
37. Donald E. Brotherson, Research Assistant Professor..	ZBY	.....
38. Norman D. Day, Assistant Professor.....	B	7 700
39. Elam L. Denham, Assistant Professor.....	B	7 200
40. William L. Fash, Assistant Professor.....	B	7 750
41. Victor A. Kibler, Assistant Professor.....	B	7 900
42. Carl R. Nelson, Jr., Assistant Professor.....	D	6 800
43. William J. O'Connell, Assistant Professor.....	B	10 000
44. Donald E. Sporleder, Assistant Professor.....	B	7 900
45. ———, Assistant Professor.....	D	7 600
46. ———, Assistant Professor.....	D	7 750
47. Benjamin F. Harnish, Instructor.....	D	6 400
48. Tadeusz M. Janowski, Instructor.....	D	7 500
49. Ruth P. Johnson, Instructor.....	D	5 500
50. Fred D. Moyer, Instructor.....	D	6 000
51. 6.75 Full-time Equivalent Assistants.....	E	27 200
Nonacademic Salaries		13 950
Total, Salaries		(499 600)
Wages.....		600
Expense		11 500
Equipment		2 500
Total, Wages, Expense, and Equipment.....		(14 600)
Total, Architecture		\$514 200

Art

Account Number 00-24-10-100

1. James R. Shipley, Professor and Head of Department	A	\$ 17 300
2. Edward H. Betts, Professor.....	A	10 000
3. C. E. Bradbury, Professor, <i>Emeritus</i>	R	.....
4. Glenn R. Bradshaw, Professor.....	A	10 000
5. Nicholas Britsky, Professor.....	A	10 700
6. Lee R. Chesney, Professor.....	A	11 300
7. Charles A. Dietemann, Professor.....	A	11 400
8. C. V. Donovan, Professor.....	ZA50	7 550
(Total Salary)		(15 100)
9. W. F. Doolittle, Professor.....	A	13 800
(On leave with pay first semester 1962-63)		

10. James D. Hogan, Professor.....	A	11 700
11. R. E. Hult, Professor.....	A	10 000
12. J. William Kennedy, Professor.....	A	11 000
13. Marvin B. Martin, Professor.....	A	10 200
14. Edwin C. Rae, Professor.....	A	11 200
15. Frank J. Roos, Jr., Professor.....	A	11 200
16. Harold A. Schultz, Professor.....	ZA50	6 450
(Total Salary)		(12 900)
(On leave with pay second semester 1962-63)		
17. Allen S. Weller, Professor.....	ZAY	.....
18. Louise M. Woodroffe, Professor, <i>Emerita</i>	R	.....
19. Nicola Ziroli, Professor.....	A	10 000
20. _____, Professor	A	10 000
21. Carleton W. Briggs, Associate Professor.....	A	9 700
22. George N. Foster, Associate Professor.....	A	8 800
(On leave with pay second semester 1962-63)		
23. Donald E. Frith, Associate Professor.....	A	8 300
24. Kenneth M. Lansing, Associate Professor.....	ZA50	4 450
(Total Salary)		(8 900)
25. James H. G. Lynch, Associate Professor.....	A	8 700
26. Dwight C. Miller, Associate Professor.....	A	8 200
27. Raymond Perlman, Associate Professor.....	A	10 000
28. John Raushenberger, Associate Professor.....	A	8 600
29. Charles W. Sanders, Associate Professor.....	A	9 000
30. Mark Sprague, Associate Professor.....	A	9 700
31. Robert A. Von Neumann, Associate Professor.....	A	9 000
(On leave with pay first semester 1962-63)		
32. Edward J. Zagorski, Associate Professor.....	A	10 400
33. _____, Associate Professor.....	A	9 600
34. Raymond B. Brown, Assistant Professor.....	B	6 500
35. Muriel B. Christison, Assistant Professor.....	ZFY	.....
(Effective July 1, 1962, to August 31, 1964)		
36. Billy M. Jackson, Assistant Professor.....	B	7 100
37. Alvin D. Moore, Assistant Professor.....	B	6 500
38. Leonard H. Price, Assistant Professor.....	B	6 800
39. John A. Roy, Assistant Professor.....	B	6 800
40. G. David Shaner, Assistant Professor.....	B	6 700
41. Arthur R. Sinsabaugh, Assistant Professor.....	B	8 400
42. Eugene C. Wicks, Assistant Professor.....	B	6 700
43. _____, Assistant Professor.....	B	6 900
44. Harry F. Breen, Jr., Instructor.....	ZD50	3 550
(Total Salary)		(7 100)
45. Julia Browne, Instructor.....	D	5 700
46. Dennis E. Byng, Instructor.....	D	6 300
47. William Fothergill, Jr., Instructor.....	D	7 000
48. Frank Gallo, Instructor.....	D	6 000
49. John R. Glenn, Instructor.....	D	5 700
50. Leo V. Grucza, Instructor.....	D	5 700
51. James J. Hennessey, Instructor.....	D	5 800
52. Victor G. Kord, Instructor.....	D	6 000
53. Roger L. Majorowicz, Instructor.....	D	5 700
54. _____, Instructor	D	6 700
55. _____, Instructor	D	5 700
56. _____, Instructor	D	5 500
57. Elinor E. Collin, Lecturer.....	D	6 400
58. 7.00 Full-time Equivalent Assistants.....	E	28 900
Nonacademic Salaries		18 440
<i>Total, Salaries</i>		(489 740)
Wages.....		8 400
Expense		17 000
Equipment		3 200
<i>Total, Wages, Expense, and Equipment</i>		(28 600)
<i>Total, Art</i>		\$518 340

City Planning and Landscape Architecture

Account Number 00-24-15-100

1. Louis B. Wetmore, Professor of City and Regional Planning and Head of Department.....	A	\$ 16 100
2. Harland Bartholomew, Professor, <i>Emeritus</i>	R	.....
3. William G. Carnes, Professor of Landscape Architecture.....	A	15 000
4. William I. Goodman, Professor of City Planning.....	A	12 200
(On leave with one-half pay 1962-63)		
5. Walter M. Keith, Professor of Landscape Architecture (Total Salary)	ZA67	8 000 (12 000)
6. Karl B. Lohmann, Professor of City and Regional Planning, <i>Emeritus</i>	R	.....
7. Florence B. Robinson, Professor, <i>Emerita</i>	R	.....
8. O. G. Schaffer, Professor, <i>Emeritus</i>	R	.....
9. Stanley White, Professor, <i>Emeritus</i>	R	.....
10. ———, Visiting Professor of City Planning.....	E25	2 680
11. Scott Keyes, Associate Professor of Regional Planning (Total Salary)	ZAY40	5 060 (12 600)
12. I. L. Peterson, Associate Professor of Landscape Architecture, <i>Emeritus</i>	R	.....
13. ———, Associate Professor of Landscape Architecture.....	AY85	8 400
14. Thomas C. Hazlett, Assistant Professor of Landscape Architecture.....	B	8 400
15. Peter L. Hornbeck, Assistant Professor of Landscape Architecture.....	B	8 300
16. Robert D. Katz, Assistant Professor of City and Regional Planning	B	8 600
17. Jerrold R. Voss, Assistant Professor of City Planning	B	7 500
18. Robert L. Phillips, Instructor in Landscape Architecture	D	5 900
19. 1.25 Full-time Equivalent Assistants.....	E	5 000
Nonacademic Salaries		3 300
Total, Salaries		(114 440)
Wages.....		150
Expense		4 000
Equipment		1 000
Total, Wages, Expense, and Equipment.....		(5 150)
Total, City Planning and Landscape Architecture....		\$119 590

Bureau of Community Planning

Account Number 00-24-16-400

1. Joseph M. Heikoff, Director.....	BY}	\$ 15 100
Professor of Regional Planning.....	AY}	
2. Victor A. Hyde, Professor of Community Planning....	AY	12 300
3. Scott Keyes, Associate Professor of Regional Planning (Total Salary)	ZAY60	7 540 (12 600)
4. ———, Associate Professor of Landscape Architecture.....	ZAY15	1 850 (10 250)
(Total Salary)		
5. Ronald R. Boyce, Assistant Professor of Community Planning.....	BY	9 800
6. Edward L. Hopkins, Instructor in Community Planning	DY	8 600
7. 1.25 Full-time Equivalent Assistants.....	E	5 000
Nonacademic Salaries		11 940
Total, Salaries		(72 130)
Wages.....		530
Expense		5 600
Total, Wages, Expense, and Equipment.....		(6 130)
Total, Bureau of Community Planning.....		\$ 78 260

School of Music

Account Number 00-24-25-100

1. Duane A. Branigan, Director.....	BY}	\$ 20 200
Professor.....	AY}	
2. Bjornar Bergethson, Professor.....	A	12 200
3. Gordon W. Binkerd, Professor.....	A	10 400
4. Dorothy E. Bowen, Professor.....	A	11 100
5. Harold A. Decker, Professor.....	A	12 600
6. Stanley Fletcher, Professor.....	A	12 500
7. Bruce R. Foote, Professor.....	A	13 000
8. John C. Garvey, Professor.....	A60}	
Artist in Residence.....	D40}	10 700
9. Scott Goldthwaite, Professor.....	A	12 200
10. Bernard M. Goodman, Professor.....	A60}	
Artist in Residence.....	D40}	11 900
11. Mark H. Hindsley, Professor.....	ZA33	4 430
(Total Salary)		(15 300)
12. J. Robert Kelly, Professor.....	A	10 400
13. Hubert Kessler, Professor.....	A	12 600
14. Charles Leonhard, Professor.....	A	13 300
15. A. J. McDowell, Professor.....	A	10 000
(On leave with pay first semester 1962-63)		
16. R. H. Miles, Professor.....	A	13 400
17. Paul S. Pettinga, Professor.....	A	11 300
18. Burrill Phillips, Professor.....	A	12 700
19. Dragan Plamenac, Professor.....	A	13 300
20. Claire L. Richards, Professor.....	A	10 400
(On leave with pay second semester 1962-63)		
21. Paul Rolland, Professor.....	A	12 100
22. W. L. Roosa, Professor, <i>Emeritus</i>	R	.....
23. Homer C. Schmitt, Professor.....	A60}	
Artist in Residence.....	D40}	10 150
24. Sherman Schoonmaker, Professor, <i>Emeritus</i>	R	.....
25. Haskell O. Sexton, Professor.....	ZA75	8 025
(Total Salary)		(10 600)
26. Soulima Stravinsky, Professor.....	A	12 600
27. Robert H. Swenson, Professor.....	A60}	
Artist in Residence.....	D40}	10 200
28. Paul Ulanowsky, Professor.....	A55	7 900
29. Edith M. Usry, Professor, <i>Emerita</i>	R	.....
30. Gilbert R. Waller, Professor.....	ZA50	5 300
(Total Salary)		(10 600)
31. Jane C. Watt, Professor, <i>Emerita</i>	R	.....
32. Grace E. Wilson, Professor.....	A	10 200
33. Velma K. Wilson, Professor.....	ZA67	7 045
(Total Salary)		(10 550)
34. Ludwig Zirner, Professor.....	A	11 400
35. Andrew Morris Carter, Associate Professor.....	A25 }	2 380
Assistant to Director.....	AY75}	8 720
(Total Salary)		(11 100)
36. Dorothy E. Clark, Associate Professor.....	ZA75	6 160
(Total Salary)		(8 200)
37. Charles O. DeLaney, Associate Professor.....	A	8 600
38. Guy M. Duker, Associate Professor.....	ZA33	3 200
(Total Salary)		(11 000)
39. Beth B. Eisner, Associate Professor, <i>Emerita</i>	R	.....
40. Peter S. Farrell, Associate Professor.....	A	8 500
41. Robert E. Gray, Associate Professor.....	A	8 500
42. Lejaren A. Hiller, Jr., Associate Professor.....	A	8 600
43. George H. Hunter, Associate Professor.....	A	9 500
44. King Kellogg, Associate Professor.....	A	10 000
45. Colleen J. Kirk, Associate Professor.....	ZA33	2 975
(Total Salary)		(8 900)

46. Everett D. Kisinger, Associate Professor.....	ZA33	3 535
(Total Salary)		(10 600)
47. William H. Miller, Associate Professor.....	A	8 600
48. John Paul Painter, Associate Professor.....	A	8 200
49. Alexander L. Ringer, Associate Professor.....	A	11 700
(On leave with one-half pay first semester 1962-63 and without pay second semester 1962-63)		
50. Dean W. Sanders, Associate Professor.....	A	8 300
51. Willem R. Adriaansz, Assistant Professor.....	D	6 500
52. James Louis Bailey, Assistant Professor.....	B	8 400
53. Edward S. Berry, Jr., Assistant Professor.....	B	7 100
54. Willis R. Coggins, Assistant Professor.....	B	7 800
55. Richard J. Colwell, Assistant Professor.....	ZB33	2 800
(Total Salary)		(8 500)
56. Blaine E. Edlefsen, Assistant Professor.....	D	7 000
57. L. Thomas Fredrickson, Assistant Professor.....	B	8 000
(On leave with pay second semester 1962-63)		
58. Kenneth L. Gaburo, Assistant Professor.....	D	7 850
59. Thomas L. Holden, Assistant Professor.....	B	8 100
60. Ben B. Johnston, Jr., Assistant Professor.....	B	7 700
61. Howard Karp, Assistant Professor.....	B	8 800
62. C. J. Kleinsteuber, Assistant Professor.....	B	7 900
63. Edward J. Krolick, Assistant Professor.....	B	7 200
64. Royal B. MacDonald, Assistant Professor.....	B	7 500
65. Miles H. Mauney, Assistant Professor.....	B	7 200
66. Jack H. McKenzie, Assistant Professor.....	ZB75	5 895
(Total Salary)		(7 800)
67. Joan M. Moynagh, Assistant Professor.....	D	8 200
68. Daniel J. Perrino, Assistant Professor.....	ZDY	.....
69. F. Mark Siebert, Assistant Professor.....	D	7 200
70. Robert B. Smith, Assistant Professor.....	ZB50	3 650
(Total Salary)		(7 300)
71. _____, Assistant Professor.....	B	7 000
72. Kathryn J. Sutherlin, Associate, <i>Emerita</i>	R	.....
73. Malcolm Bilson, Instructor.....	D	6 500
74. James L. Campbell, Instructor.....	D	5 700
75. Eric L. Dalheim, Instructor.....	D	5 400
76. Arthur L. Johnson, Instructor.....	ZDY	.....
77. James B. Lyke, Instructor.....	D	7 000
78. George R. Mathis, Instructor.....	D	7 100
79. Stella Percival, Instructor, <i>Emerita</i>	R	.....
80. Marilyn R. Pfederer, Instructor.....	ZD83	5 730
(Total Salary)		(6 900)
81. Bennett Reimer, Instructor.....	ZDY50	4 425
(Total Salary)		(8 850)
82. Alan R. Thomas, Instructor.....	ZD67	4 870
(Total Salary)		(7 300)
83. _____, Instructor.....	D	6 500
84. Evelyn Reynolds, Visiting Artist.....	E	8 500
85. 11.50 Full-time Equivalent Assistants.....	E	46 400
Nonacademic Salaries		54 760
Total, Salaries		(755 700)
Wages.....		4 200
Expense.....		31 400
Equipment.....		20 000
Total, Wages, Expense, and Equipment.....		(55 600)
Total, School of Music.....		\$811 300

Music Revolving

Account Number 12-24-25-170

Expense	\$ 4 500
Total, Music Revolving.....	\$ 4 500

Music Records Revolving

Account Number 12-24-25-172

Expense	\$ 2 500
<i>Total, Music Records Revolving.....</i>	<i>\$ 2 500</i>

Scholarships

Account Number 00-24-26-880

Expense, Orchestra	\$ 5 000
<i>Total, Scholarships</i>	<i>\$ 5 000</i>

University of Illinois Bands

Account Number 00-24-35-100

1. Mark H. Hindsley, Director.....	ZBY67	\$ 10 870
(Total Salary)		(15 300)
2. Haskell O. Sexton, Professor.....	ZA25	2 575
(Total Salary)		(10 600)
3. Guy M. Duker, Assistant to Director.....	ZBY67	7 800
(Total Salary)		(11 000)
4. Everett D. Kisinger, Assistant Director.....	ZB67	7 065
(Total Salary)		(10 600)
5. Jack H. McKenzie, Assistant Professor.....	ZB25	1 905
(Total Salary)		(7 800)
6. 1.00 Full-time Equivalent Assistants.....	E	4 000
Nonacademic Salaries		9 570
<i>Total, Salaries</i>		<i>(43 785)</i>
Wages.....		3 700
Expense		9 600
Equipment		6 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(19 300)</i>
<i>Total, University of Illinois Bands.....</i>		<i>\$ 63 085</i>

University of Illinois Bands Revolving

Account Number 12-24-35-170

Expense	\$ 5 000
<i>Total, University of Illinois Bands Revolving.....</i>	<i>\$ 5 000</i>

Band Scholarships and Commencement Expense

Account Number 00-24-36-880

Expense	\$ 6 000
<i>Total, Band Scholarships and Commencement Expense</i>	<i>\$ 6 000</i>

Small Homes Council - Building Research Council

Account Number 00-24-50-300

1. Rudard A. Jones, Director.....	ZBY	\$ 16 400
2. William H. Kapple, Research Associate Professor of Architecture	ZAY	10 100
3. Donald E. Brotherson, Research Assistant Professor of Architecture	ZBY	10 400
4. Donald H. Percival, Research Assistant Professor of Wood Technology and Utilization, and Forestry.....	ZBY	9 050
5. Henry R. Spies, Editor with rank of Assistant Professor	BY	9 650
6. 0.12 Full-time Equivalent Assistants.....	E	600
Nonacademic Salaries		18 120
<i>Total, Salaries</i>		<i>(74 320)</i>
Wages.....		1 500
Expense		6 300
Equipment		1 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(8 800)</i>
<i>Total, Small Homes Council - Building Research Council.....</i>		<i>\$ 83 120</i>

Small Homes Council - Building Research Council Testing Revolving

Account Number 12-24-50-382

Expense \$ 200

*Total, Small Homes Council - Building Research
Council Testing Revolving.....* \$ 200

Small Homes Council - Building Research Council Publications Revolving

Account Number 12-24-50-466

Nonacademic Salaries \$ 3 300

Total, Salaries..... (3 300)

Wages..... 5 500

Expense..... 15 800

Equipment..... 1 000

Total, Wages, Expense, and Equipment..... (22 300)

*Total, Small Homes Council - Building Research
Council Publications Revolving.....* \$ 25 600

Krannert Art Museum

Account Number 00-24-80-100

1. C. V. Donovan, Director..... ZA50 \$ 7 550
(Total Salary)..... (15 100)

2. Muriel B. Christison, Associate Director..... ZFY 11 000
(Effective July 1, 1962 to August 31, 1964)

3. 0.50 Full-time Equivalent Assistants..... E 2 000

Nonacademic Salaries..... 16 840

Total, Salaries..... (37 390)

Expense and Equipment..... 5 100

Exhibits and Lectures..... 6 300

Exhibits, Nonrecurring..... (5 000)

Total, Wages, Expense, and Equipment..... (11 400)

Total, Krannert Art Museum..... \$ 48 790

GRADUATE COLLEGE**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration.....	\$122 910	\$ 21 420	\$ 144 330
<i>Organized Research</i>			
Special Fund.....	36 510	.....	36 510
Research Unassigned.....	104 000	56 000	160 000
Digital Computer Laboratory.....	269 036	75 700	344 736
Center for Advanced Study.....	52 070	.....	52 070
Electron Microscope Laboratory.....	10 200	.....	10 200
Illinois Historical Survey.....	11 460	1 200	12 660
Natural Areas and Uncultivated Lands.....	5 325	900	6 225
Physical Environment Unit.....	8 810	4 250	13 060
Radiocarbon Laboratory.....	26 300	17 600	43 900
General Publications.....	.....	54 500	54 500
<i>Total, Organized Research.....</i>	<i>(523 711)</i>	<i>(210 150)</i>	<i>(733 861)</i>
<i>Student Aid</i>			
Fellowships.....	.....	262 500	262 500
<i>Total, General.....</i>	<i>\$646 621</i>	<i>\$494 070</i>	<i>\$1 140 691</i>

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Graduate Thesis and Microfilm Revolving....	.....	\$ 10 000	\$ 10 000
Estimated Indirect Costs.....	\$ 5 000	3 000	8 000
<i>Total, Instruction.....</i>	<i>(5 000)</i>	<i>(13 000)</i>	<i>(18 000)</i>

	Salaries	Wages, Expense, and Equipment	Total
<i>Organized Research</i>			
Estimated Indirect Costs.....	300 000	500 000	800 000
Estimated Private Gifts.....	16 000	24 000	40 000
Estimated United States Contracts.....	450 000	450 000	900 000
Estimated State Contracts.....	55 000	15 000	70 000
<i>Total, Organized Research.....</i>	<i>(821 000)</i>	<i>(989 000)</i>	<i>(1 810 000)</i>
<i>Total, Restricted.....</i>	<i>\$826 000</i>	<i>\$1 002 000</i>	<i>\$1 828 000</i>

Administration

Account Number 00-26-01-100

1. F. T. Wall, Dean.....	ZBY80	\$ 20 000
(Total Salary)		(25 000)
2. R. D. Carmichael, Dean, <i>Emeritus</i>	ZR	.....
3. Ivan D. Steiner, Associate Dean.....	ZBY50	6 950
(Total Salary)		(12 700)
4. H. R. Snyder, Associate Dean.....	ZB50	8 500
(Total Salary)		(17 000)
5. Robert M. Sutton, Associate Dean.....	ZBY73	10 100
(Total Salary)		(13 700)
(Including full time in the summer)		
6. Robert A. Schuiteman, Director of Office of Foreign Students.....	ZDY50	5 300
(Total Salary)		(10 600)
7. Helen M. Hay, Assistant to Dean.....	DY	10 600
Nonacademic Salaries		61 460
<i>Total, Salaries</i>		<i>(122 910)</i>
Wages.....		1 520
Expense		15 300
Contingent		3 000
Convention Travel		600
Equipment		1 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(21 420)</i>
<i>Total, Administration</i>		<i>\$144 330</i>

Thesis and Microfilm Revolving

Account Number 12-26-01-132

Expense	\$ 10 000
<i>Total, Thesis and Microfilm Revolving</i>	<i>\$ 10 000</i>

Indirect Costs — Radiation Hazards Workmen's Compensation

Account Number 40-26-01-316

1. Jerome J. Steerman, University Health Physicist with rank of Instructor.....	DY	\$ 10 000
2. Paul R. Hesselmann, Assistant Health Physicist.....	DY	7 900
3. 1.00 Full-time Equivalent Assistants.....	DY	5 000
<i>Total, Salaries</i>		<i>(22 900)</i>
Expense		8 400
<i>Total, Indirect Costs — Radiation Hazards Workmen's Compensation</i>		<i>\$ 31 300</i>

Special Fund

Account Number 00-26-05-300

1. Dallas W. Smythe, Research Professor of Communications.....	ZA50	\$ 6 750
(Total Salary)		(13 500)
2. S. C. Anand, Research Associate in Agronomy.....	DY	6 500
3. ———, Research Associate in Chemistry.....	DY	6 600
4. ———, Research Associate.....	D	4 800
5. 1.00 Full-time Equivalent Assistants.....	E	4 000
Nonacademic Salaries		7 860
<i>Total, Special Fund.....</i>		<i>\$ 36 510</i>

Research Unassigned

Account Number 00-26-10-390

1. 26.00 Full-time Equivalent Assistants.....	G	\$104 000
<i>Total, Salaries</i>		(104 000)
Wages Unassigned		20 000
Expense Unassigned		20 000
Equipment Unassigned		16 000
<i>Total, Wages, Expense, and Equipment</i>		(56 000)
<i>Total, Research Unassigned</i>		<u>\$160 000</u>

Special Graduate Fund

Account Number 41-26-05-300

1. Leo P. Kadanoff, Assistant Professor of Physics.....	D	\$ 8 500
<i>Total, Special Graduate Fund</i>		<u>\$ 8 500</u>

National Defense Education Act Program in Anthropology

Account Number 41-32-07-155

1. Kenneth L. Hale, Assistant Professor of Anthropology and Linguistics	B	\$ 8 000
<i>Total, National Defense Education Act Program in Anthropology</i>		<u>\$ 8 000</u>

National Defense Education Act Program in Education

Account Number 41-20-10-157

1. David A. Page, Associate Professor of Education.....	ZAY25	\$ 3 390
(Total Salary)		(13 550)
2. Carl Bereiter, Assistant Professor of Education.....	DY	10 400
<i>Total, National Defense Education Act Program in Education</i>		<u>\$ 13 790</u>

Digital Computer Laboratory

Account Number 00-26-15-300

1. A. H. Taub, Head of Laboratory.....	ZA	\$ 22 500
(On leave with pay second semester 1962-63)		
2. David E. Muller, Research Professor of Applied Math- ematics	ZA	15 000
3. John R. Pasta, Research Professor of Physics and Act- ing Head of Laboratory 1962-63.....	ZAY	16 500
4. James E. Robertson, Research Professor of Electrical Engineering	ZA	16 100
(On leave with pay second semester 1962-63)		
5. James N. Snyder, Research Professor of Physics.....	ZA	15 400
6. Lloyd D. Fosdick, Research Associate Professor of Physics	ZA	10 800
7. Donald B. Gillies, Research Associate Professor of Ap- plied Mathematics	ZA	11 200
8. Bruce H. McCormick, Research Associate Professor... ZA		11 300
9. Wolfgang Poppelbaum, Research Associate Professor of Electrical Engineering.....	ZA	11 200
(On leave with pay first semester 1962-63)		
10. Charles W. Gear, Research Assistant Professor of Ap- plied Mathematics	B	8 000
11. Gernot A. Metze, Research Assistant Professor of Elec- trical Engineering	ZBY	9 700
12. Sylvian R. Ray, Research Assistant Professor of Elec- trical Engineering	ZB	8 000
13. Kenneth C. Smith, Research Assistant Professor of Electrical Engineering	ZB	9 400
14. _____, Assistant Professor of Mathematics.....	B	8 000
15. _____, Research Associate.....	D	7 500
16. 2.00 Full-time Equivalent Assistants.....	E	8 200

17. 1.00 Full-time Equivalent Assistants.....	DY	5 150
Nonacademic Salaries		75 086
<i>Total, Salaries</i>		(269 036)
Wages.....		4 700
Expense		18 200
Expense, 650 Computer.....		37 800
Equipment		15 000
<i>Total, Wages, Expense, and Equipment</i>		(75 700)
<i>Total, Digital Computer Laboratory</i>		\$344 736

Indirect Costs — Digital Computer 650 Rental

Account Number 40-26-15-315		
Expense		\$ 15 000
<i>Total, Indirect Costs — Digital Computer 650 Rental</i> ..		\$ 15 000

Cooperative Investigations**U.S. ATOMIC ENERGY COMMISSION 415**

Account Number 46-26-15-303

1. T. A. Murrell, Associate Professor of Electrical Engineering	ZA50	\$ 5 100
(Total Salary)		(10 200)
2. H. C. Brearley, Jr., Research Assistant Professor.....	ZBY	12 200
3. Myron Melman, Research Assistant.....	DY	8 250
4. Levin J. Peek, Jr., Research Assistant.....	E	5 500
<i>Total, U.S. Atomic Energy Commission 415</i>		\$ 31 050

Center for Advanced Study

Account Number 00-26-20-300

1. John Bardeen, Member.....	ZG	\$ 2 500
(Total Salary)		(23 500)
(Effective five years from September 1, 1959)		
2. J. L. Doob, Member.....	ZG	3 300
(Total Salary)		(22 300)
(Effective five years from September 1, 1959)		
3. Julian H. Steward, Member.....	ZG	3 300
(Total Salary)		(18 300)
(Effective five years from September 1, 1959)		
4. Alexander Turyn, Member.....	ZG	2 500
(Total Salary)		(17 000)
(Effective five years from September 1, 1962)		
5. Frederic K. Lehman, Research Associate in Anthropology.....	D	6 800
6. _____, Research Associate in Anthropology.....	D	5 500
7. Salaries, Unassigned		28 170
<i>Total, Center for Advanced Study</i>		\$ 52 070

Cooperative Investigations**U.S. NATIONAL SCIENCE FOUNDATION — SCIENTIFIC RESEARCH**

Account Number 46-26-20-358

1. R. C. Fuson, Member.....	ZG	\$ 3 200
(Total Salary)		(18 500)
(Effective five years from September 1, 1959)		
2. Takesi Watanabe, Visiting Research Associate in Mathematics	E	5 000
Salaries, Unassigned		41 800
<i>Total, U.S. National Science Foundation — Scientific Research</i>		\$ 50 000

Electron Microscope Laboratory

Account Number 00-26-21-300

1. Rubin Borasky, Electron Micrographer.....	DY	\$ 10 200
<i>Total, Electron Microscope Laboratory</i>		\$ 10 200

National Science Foundation Program — Electron Microscope Laboratory

Account Number 41-26-21-356

1. Kenneth M. Towe, Research Associate.....	DY	\$ 7 000
Nonacademic Salaries		3 680
<i>Total, Salaries</i>		(10 680)
Expense		10 000
<i>Total, National Science Foundation Program — Elec-</i>		
<i>tron Microscope Laboratory.....</i>		<i>\$ 20 680</i>

Illinois Historical Survey

Account Number 00-26-25-300

1. Marguerite J. Pease, Director with rank of Assistant		
Professor.....	D50	\$ 4 500
2. Cecelia M. Lindberg, Assistant.....	DY	5 400
Nonacademic Salaries		1 560
<i>Total, Salaries</i>		(11 460)
Wages.....		450
Expense		550
Equipment		200
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(1 200)</i>
<i>Total, Illinois Historical Survey.....</i>		<i>\$ 12 660</i>

Natural Areas and Uncultivated Land

Account Number 00-26-33-300

Nonacademic Salaries	\$ 5 325
Expense	900
<i>Total, Natural Areas and Uncultivated Land.....</i>	<i>\$ 6 225</i>

Physical Environment Unit

Account Number 00-26-35-300

1. M. K. Fahnestock, Chairman.....	ZDY	\$
Nonacademic Salaries		\$ 8 810
<i>Total, Salaries</i>		(8 810)
Expense		2 250
Equipment		2 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(4 250)</i>
<i>Total, Physical Environment Unit.....</i>		<i>\$ 13 060</i>

Radiocarbon Laboratory

Account Number 00-26-40-300

1. Robert F. Nystrom, Professor of Chemistry.....	AY	\$ 13 000
2. H. Edward Conrad, Assistant Professor of Chemistry..	BY	9 500
3. 0.50 Full-time Equivalent Assistants.....	E	2 000
Nonacademic Salaries		1 800
<i>Total, Salaries</i>		(26 300)
Wages.....		1 800
Expense		12 600
Equipment		3 200
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(17 600)</i>
<i>Total, Radiocarbon Laboratory.....</i>		<i>\$ 43 900</i>

General Publications

Account Number 00-26-50-332

Expense, Illinois Studies.....	\$ 13 100
Expense, Journal of English and Germanic Philology.....	4 200
Expense, General Publications.....	5 700
Expense, Scholarly Publications.....	31 500
<i>Total, General Publications.....</i>	<i>\$ 54 500</i>

Fellowships

Account Number 00-26-65-880

Stipends of Fellows.....	\$262 500
<i>Total, Fellowships</i>	<i>\$262 500</i>

State Natural History Survey**Cooperative Investigations**

U.S. NATIONAL SCIENCE FOUNDATION G14985

Account Number 46-26-82-357

1. John M. Kingsolver, Research Associate..... DY \$ 6 600

U.S. PUBLIC HEALTH SERVICE RG7849

Account Number 46-26-82-365

1. Gerald G. Montgomery, Research Associate..... DY \$ 6 240

U.S. PUBLIC HEALTH SERVICE E1349

Account Number 46-26-82-368

1. Bobbie J. Verts, Research Associate..... DY \$ 6 840

2. Pillarisetty J. Rao, Instructor..... DY60 4 850

3. Gerald L. Storm, Field Ecologist..... DY 5 400

Total, U.S. Public Health Service E1349..... \$ 17 090

STATE OF ILLINOIS DEPARTMENT OF CONSERVATION —

FISHERIES RESEARCH

Account Number 47-26-82-312

1. Charles F. Thoits III, Research Associate..... DY \$ 6 240

2. Rollin D. Andrews III, Project Assistant..... DY 4 800

3. Leslie L. Layton, Project Assistant..... DY 4 200

*Total, State of Illinois Department of Conservation —
Fisheries Research \$ 15 240*

STATE OF ILLINOIS DEPARTMENT OF CONSERVATION —

WILDLIFE STUDIES

Account Number 47-26-82-313

1. Jack A. Ellis, Research Associate..... DY \$ 7 200

2. Duane E. Newman, Research Associate..... DY 6 360

3. John E. Warnock, Research Associate..... DY 6 360

4. William L. Anderson, Project Assistant..... DY 5 880

5. David A. Casteel, Project Assistant..... DY 4 320

6. Ralph J. Ellis, Research Associate..... DY 6 720

7. James A. Harper, Project Assistant..... DY 5 880

8. George B. Joselyn, Research Assistant..... DY 5 400

9. Richard W. Lutz, Research Assistant..... DY 5 280

*Total, State of Illinois Department of Conservation —
Wildlife Studies \$ 53 400***State Water Survey****Cooperative Investigations**

U.S. ARMY SIGNAL CORPS 62G19

Account Number 46-26-84-311

1. Charles Hendricks, Jr., Associate Professor of Electrical
Engineering..... ZA15 \$ 1 650
(Total Salary) (11 000)

U.S. ARMY SIGNAL CORPS 87280

Account Number 46-26-84-313

1. Eugene A. Mueller, Research Associate..... FY \$ 10 300
(Effective July 1, 1962)2. Merrie Stattenfield, Research Assistant..... FY 5 400
(Effective July 1, 1962)*Total, U.S. Army Signal Corps 87280..... \$ 15 700*

U.S. NATIONAL SCIENCE FOUNDATION G17038

Account Number 46-26-84-365

1. Wayne E. Bradley, Research Assistant..... FY \$ 6 000
(Effective July 1, 1962)

U.S. PUBLIC HEALTH SERVICE WP270

Account Number 46-26-84-367

1. Lois D. Resek, Research Assistant..... FY \$ 5 200
(Effective July 1, 1962)

U.S. PUBLIC HEALTH SERVICE WP93

Account Number 46-26-84-368

1. Chun Soo Lim, Research Assistant.....	FY	\$ 5 200
(Effective July 1, 1962)		

U.S. PUBLIC HEALTH SERVICE WP128

Account Number 46-26-84-369

1. Barbara J. Gruner, Research Assistant.....	FY	\$ 4 900
(Effective July 1, 1962)		

COLLEGE OF JOURNALISM AND COMMUNICATIONS

	General	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Administration.....	\$ 41 400	\$ 19 900	\$ 61 300
Advertising.....	59 000	.....	59 000
Journalism.....	101 625	.....	101 625
Radio and Television.....	46 685	.....	46 685
<i>Total, Instruction</i>	<i>(248 710)</i>	<i>(19 900)</i>	<i>(268 610)</i>
<i>Organized Research</i>			
Institute of Communications Research.....	69 117	3 330	72 447
<i>Extension and Public Services</i>			
Broadcasting			
Administration.....	15 480	1 000	16 480
Radio Station.....	114 247	47 550	161 797
Television-Motion Pictures.....	108 147	63 500	171 647
<i>Total, Extension and Public Services</i>	<i>(237 874)</i>	<i>(112 050)</i>	<i>(349 924)</i>
<i>Total, General</i>	<i>\$555 701</i>	<i>\$135 280</i>	<i>\$690 981</i>

	Restricted	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Estimated Private Gifts.....	\$ 36 000	\$ 4 000	\$ 40 000
<i>Organized Research</i>			
Estimated Indirect Costs.....	1 000	3 000	4 000
Estimated Private Gifts.....	32 000	18 000	50 000
Estimated United States Contracts.....	53 500	25 000	78 500
Estimated State Contracts.....	2 500	1 500	4 000
<i>Total, Organized Research</i>	<i>(89 000)</i>	<i>(47 500)</i>	<i>(136 500)</i>
<i>Extension and Public Services</i>			
Estimated Private Gifts.....	23 000	42 000	65 000
<i>Total, Restricted</i>	<i>\$148 000</i>	<i>\$93 500</i>	<i>\$241 500</i>

Administration

Account Number 00-28-01-100		
1. Theodore B. Peterson, Dean.....	ZBY	\$ 18 000
2. Henry F. Schulte, Assistant to Dean.....	ZDY75	5 850
(Total Salary)		(7 800)
Nonacademic Salaries		17 550
<i>Total, Salaries</i>		<i>(41 400)</i>
Wages.....		950
Expense		12 000
Contingent		4 000
Convention Travel		1 000
Nonrecurring Unassigned		(1 000)
Equipment		1 950
<i>Total, Wages, Expense, and Equipment</i>		<i>(19 900)</i>
<i>Total, Administration</i>		<i>\$ 61 300</i>

Advertising

Account Number 00-28-03-100

1. C. H. Sandage, Professor and Head of Department....	A	\$ 16 350
2. Leslie W. McClure, Professor.....	A	11 250
3. James E. Moyer, Associate Professor.....	A	10 900
4. Hugh W. Sargent, Associate Professor.....	A	9 300
5. _____, Instructor	D40	2 000
6. _____, Lecturer	D	8 200
7. 0.25 Full-time Equivalent Assistants.....	E	1 000
<i>Total, Advertising</i>		<u>\$ 59 000</u>

Journalism

Account Number 00-28-10-100

1. Jay W. Jensen, Associate Professor and Head of Department.....	A	\$ 13 750
2. R. R. Barlow, Professor, <i>Emeritus</i>	R	.....
3. Charles E. Flynn, Professor.....	ZAY	.....
4. L. W. Murphy, Professor.....	A	11 100
5. Theodore B. Peterson, Professor.....	ZAY	.....
6. Donald E. Brown, Associate Professor.....	A	10 600
7. George Gerbner, Associate Professor.....	ZAY50	5 650
(Total Salary)		(11 300)
8. John H. Schacht, Associate Professor.....	A	10 000
9. Josef F. Wright, Associate Professor, <i>Emeritus</i>	ZR	.....
10. James F. Evans, Assistant Professor.....	ZBY	.....
11. Glenn Hanson, Assistant Professor.....	B	10 400
12. Richard L. Hildwein, Assistant Professor.....	B	9 200
13. Edwin B. Parker, Assistant Professor.....	ZB25	2 150
(Total Salary)		(8 600)
14. Arthur E. Strang, Assistant Professor.....	B50	4 600
15. _____, Assistant Professor.....	D	8 425
16. James W. Carey, Instructor.....	D	8 400
17. Henry F. Schulte, Instructor.....	ZDY25	1 950
(Total Salary)		(7 800)
18. _____, Instructor	D50	2 400
19. 0.75 Full-time Equivalent Assistants.....	E	3 000
<i>Total, Journalism</i>		<u>\$101 625</u>

Radio and Television

Account Number 00-28-15-100

1. Hubert V. Cordier, Associate Professor and Head of Department	A	\$ 11 000
2. Harry J. Skornia, Professor.....	A	13 500
3. F. E. Schooley, Associate Professor.....	ZAY20	3 210
(Total Salary)		(16 050)
4. Webster L. Smalley, Assistant Professor.....	ZB15	1 155
(Total Salary)		(7 700)
5. John E. Cramer, Instructor.....	ZD50	4 140
(Total Salary)		(9 200)
6. Richard G. Lawson, Instructor.....	D75	4 400
7. Henry W. Lippold, Jr., Instructor.....	ZDY50	4 600
(Total Salary)		(9 200)
8. John A. Regnell, Instructor.....	D25	2 180
(Total Salary)		(9 400)
(Also Nonacademic)		
9. 0.50 Full-time Equivalent Assistants.....	E	2 500
<i>Total, Radio and Television</i>		<u>\$ 46 685</u>

Institute of Communications Research

Account Number 00-28-20-300

1. Charles E. Osgood, Director.....	ZDY73}	\$ 12 930
Research Professor	AY }	
(Total Salary)		(17 750)

2. Dallas W. Smythe, Research Professor.....	ZA50	6 750
(Total Salary)		(13 500)
3. George Gerbner, Research Associate Professor.....	ZAY50	5 650
(Total Salary)		(11 300)
4. Robert B. Lees, Research Associate Professor.....	ZA33	3 667
(Total Salary)		(11 000)
5. Howard S. Maclay, Research Associate Professor.....	AY	10 600
(On leave with one-half pay 1962-63)		
6. Martin E. Fishbein, Research Assistant Professor.....	ZB30	2 250
(Total Salary)		(7 500)
7. Herbert Hamilton, Research Assistant Professor.....	ZB75	5 400
(Total Salary)		(7 200)
8. Murray S. Miron, Research Assistant Professor.....	ZB67	5 400
(Total Salary)		(8 100)
9. Edwin B. Parker, Research Assistant Professor.....	ZB75	6 450
(Total Salary)		(8 600)
10. 1.50 Full-time Equivalent Assistants.....	E	6 000
Nonacademic Salaries		4 020
<i>Total, Salaries</i>		(69 117)
Wages.....		630
Expense		2 500
Equipment		200
<i>Total, Wages, Expense, and Equipment</i>		(3 330)
<i>Total, Institute of Communications Research</i>		\$ 72 447

Broadcasting**Administration**

Account Number 00-28-21-400

1. F. E. Schooley, Director of Broadcasting and Manager of Radio and Television Stations.....	ZBY80	\$ 12 840
(Total Salary)		(16 050)
Nonacademic Salaries		2 640
<i>Total, Salaries</i>		(15 480)
Expense		1 000
<i>Total, Administration</i>		\$ 16 480

Radio Station

Account Number 00-28-25-400

1. John E. Cramer, News Supervisor.....	ZDY50	\$ 5 060
(Total Salary)		(9 200)
Nonacademic Salaries		109 187
<i>Total, Salaries</i>		(114 247)
Wages.....		6 300
Expense, General		36 250
Equipment		5 000
<i>Total, Wages, Expense, and Equipment</i>		(47 550)
<i>Total, Radio Station</i>		\$161 797

Television-Motion Pictures

Account Number 00-28-28-400

1. Jack M. Crannell, Assistant Manager of Television Sta- tion and Supervisor of Television-Motion Pictures with rank of Assistant Professor.....	ZDY50	\$ 5 500
(Total Salary)		(11 000)
2. Henry W. Lippold, Jr., Supervisor of Television News..	ZDY50	4 600
(Total Salary)		(9 200)
3. Lewis V. Peterson, Producer-Supervisor of Television- Motion Pictures	DY	9 900
(On leave without pay 1962-63)		

Nonacademic Salaries	88 147
<i>Total, Salaries</i>	(108 147)
Wages.....	3 000
Expense	58 000
Expense, Nonrecurring	(5 850)
Equipment	2 500
<i>Total, Wages, Expense, and Equipment</i>	(63 500)
<i>Total, Television-Motion Pictures</i>	\$171 647

COLLEGE OF LAW

General		Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
College of Law	\$341 170	\$16 400	\$357 570
<i>Student Aid</i>			
Scholarships.....		4 600	4 600
<i>Total, General</i>	\$341 170	\$21 000	\$362 170

Restricted		Wages, Ex- pense, and Equipment	Total
<i>Extension and Public Services</i>	<i>Salaries</i>		
Law Forum Revolving		\$13 000	\$ 13 000
<i>Total, Restricted</i>		\$13 000	\$ 13 000

Law

Account Number 00-30-10-100

1. Russell N. Sullivan, Dean.....	BY}	\$ 23 500
Professor	AY}	
2. Albert J. Harno, Dean and Professor, <i>Emeritus</i>	R	.....
3. John W. Metzger, Assistant Dean and Assistant Pro- fessor.....	BY	12 300
4. C. H. Bowman, Professor.....	A	14 800
5. William E. Britton, Professor, <i>Emeritus</i>	R	.....
6. Kenneth S. Carlston, Professor.....	A	16 000
7. Edward W. Cleary, Professor.....	A	21 000
8. Rubin G. Cohn, Professor.....	A	18 600
(Includes service to University Retirement System)		
9. John E. Cribbet, Professor.....	A	20 000
10. Wylie H. Davis, Professor.....	A	16 000
11. R. W. Fleming, Professor.....	A	19 000
12. George T. Frampton, Professor.....	A	19 000
13. George W. Goble, Professor, <i>Emeritus</i>	R	.....
14. William D. Hawkland, Professor.....	A	16 200
15. Harold W. Holt, Professor.....	A	15 600
16. Ralph F. Lesemann, Professor.....	ZAY	.....
17. M. I. Schnebly, Professor, <i>Emeritus</i>	R	.....
18. Eugene F. Scoles, Professor.....	A	18 000
19. Victor J. Stone, Professor.....	A	13 000
(On leave without pay first semester 1962-63 and with pay second semester 1962-63)		
20. Walter L. Summers, Professor, <i>Emeritus</i>	R	.....
21. J. G. Thomas, Professor.....	A33	4 000
22. George B. Weisiger, Professor, <i>Emeritus</i>	R	.....
23. J. Nelson Young, Professor.....	A	20 000
24. Joel F. Handler, Assistant Professor.....	ZB12	1 380
(Total Salary)		(11 500)
25. Wayne R. Lafave, Assistant Professor.....	B	11 000
26. Dennis M. O'Connor, Assistant Professor.....	B	12 300
27. _____, Associate Editor with rank of Instructor	DY	6 000
28. 1.80 Full-time Equivalent Assistants.....	E	12 000

Nonacademic Salaries	32 870
<i>Total, Salaries</i>	(341 170)
Wages.....	800
Expense	13 600
Convention Travel	1 000
Equipment	1 000
<i>Total, Wages, Expense, and Equipment</i>	(16 400)
<i>Total, Law</i>	\$357 570

Cooperative Investigations

NATIONAL COUNCIL ON LEGAL CLINICS — PROFESSIONAL RESPONSIBILITY
Account Number 44-30-10-156

1. Joel F. Handler, Assistant Professor of Law..... ZB88 \$ 10 120

Law Scholarships

Account Number 00-30-11-880

Expense, Law Scholarships.....	\$ 2 500
Expense, Law Fellowships.....	2 100
<i>Total, Law Scholarships</i>	\$ 4 600

Law Forum Revolving

Account Number 12-30-10-444

Expense	\$ 13 000
<i>Total, Law Forum Revolving</i>	\$ 13 000

COLLEGE OF LIBERAL ARTS AND SCIENCES

	General	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Administration.....	\$ 184 871	\$ 54 305	\$239 176
Contingent.....		20 000	20 000
Anthropology.....	108 030	8 030	116 060
Astronomy.....	75 430	3 100	78 530
Botany.....	296 117	46 160	342 277
Chemistry and Chemical Engineering.....	1 182 972	377 000	1 559 972
Classics.....	84 340	1 800	86 140
English.....	1 214 261	24 100	1 238 361
Printing of <i>Accent</i>		1 600	1 600
Entomology.....	104 670	10 000	114 670
French.....	286 950	4 600	291 550
Division of General Studies.....	198 251	7 600	205 851
Geography.....	153 180	11 810	164 990
Geology.....	263 325	49 500	312 825
German.....	212 054	3 350	215 404
History.....	304 930	4 500	309 430
Life Sciences.....	84 284	19 200	103 484
Natural History Museum.....		7 370	7 370
Mathematics.....	1 062 895	14 700	1 077 595
Microbiology.....	182 295	39 700	221 995
Philosophy.....	175 245	3 365	178 610
Physiology.....	241 100	43 800	284 900
Political Science.....	201 400	3 700	205 100
Psychology.....	434 283	38 400	472 683
Russian.....	100 880	2 700	103 580
Sociology and Anthropology.....	167 535	5 100	172 635
Spanish, Italian, and Portuguese.....	227 630	5 100	232 730
Speech and Theatre.....	429 110	17 900	447 010
Zoology.....	333 612	43 500	377 112
Classical and European Culture Museum.....	3 500	4 610	8 110
<i>Total, General</i>	\$8 313 150	\$876 600	\$9 189 750

	Restricted		
<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Speech Revolving		\$ 500	\$ 500
Estimated Endowment Income	\$ 12 000	5 000	17 000
Estimated Private Gifts	2 500	2 500	5 000
Estimated United States Contracts	99 000	35 000	134 000
<i>Total, Instruction</i>	(113 500)	(43 000)	(156 500)
<i>Organized Research</i>			
Illinois Journal of Mathematics Revolving		3 500	3 500
Estimated Indirect Costs	20 000	100 000	120 000
Estimated Endowment Income		10 000	10 000
Estimated Private Gifts	182 000	98 000	280 000
Estimated United States Contracts	1 300 000	1 200 000	2 500 000
Estimated State Contracts	36 000	24 000	60 000
<i>Total, Organized Research</i>	(1 538 000)	(1 435 500)	(2 973 500)
<i>Total, Restricted</i>	\$1 651 500	\$1 478 500	\$3 130 000

Administration

Account Number 00-32-01-100			
1. Jack W. Peltason, Dean	ZBY	\$ 19 000	
2. Gibbon Butler, Associate Dean	ZBY	15 200	
3. Claude P. Viens, Assistant Dean	ZD67	7 600	
(Total Salary)		(11 400)	
4. Frederick W. Cropp, Assistant Dean	ZD50	4 100	
(Total Salary)		(8 200)	
(On leave without pay 1962-63)			
5. Francis J. Koenig, Assistant Dean with rank of Assistant Professor	DY	12 200	
6. 6.00 Full-time Equivalent Assistants	E	23 985	
7. 0.50 Full-time Equivalent Assistants	DY	2 450	
8. 7.00 Assistant Professors	B	52 966	
Nonacademic Salaries		47 370	
<i>Total, Salaries</i>		(184 871)	
Wages		8 305	
Expense, General		12 800	
Expense, Language Laboratory		4 000	
Contingent		20 000	
Expense, Latin-American Studies		700	
Convention Travel		26 000	
Nonrecurring Unassigned		(8 000)	
Equipment		2 500	
<i>Total, Wages, Expense, and Equipment</i>		(74 305)	
<i>Total, Administration</i>		\$259 176	

Cooperative Investigations

DORIS DUKE — RUSSIAN AREA STUDIES

Account Number 44-32-01-119			
1. Jerry F. Hough, Assistant Professor of Political Science	ZB	\$ 7 100	
2. Mary J. Cohen, Bibliographer with rank of Instructor..	DY	6 400	
<i>Total, Doris Duke — Russian Area Studies</i>		\$ 13 500	

U.S. OFFICE OF EDUCATION SAE 8652

Account Number 46-32-01-162			
1. Robert A. Karlowich, Bibliographer with rank of Assistant Professor	BY	\$ 8 300	

U.S. OFFICE OF EDUCATION SAE 9402

Account Number 46-32-01-163			
1. Demitri B. Shimkin, Professor of Anthropology	ZA50	\$ 7 300	
(Total Salary)		(14 600)	

2. Mark G. Field, Associate Professor of Sociology.....	ZA50	6 700
(Total Salary)		(13 400)
<i>Total, U.S. Office of Education SAE 9402.....</i>		<i>\$ 14 000</i>

Anthropology

Account Number 00-32-07-100

1. Joseph B. Casagrande, Professor and Head of Department.....	A	\$ 16 750
2. Oscar Lewis, Professor.....	A	18 000
3. John C. McGregor, Professor.....	A	12 700
(On leave with pay second semester 1962-63)		
4. Dimitri B. Shimkin, Professor.....	ZA	.....
5. Julian H. Steward, Research Professor.....	ZA	15 000
(Total Salary)		(18 200)
6. Edward M. Bruner, Associate Professor.....	A	10 000
7. Elaine A. Bluhm, Assistant Professor.....	B	7 000
8. Donald W. Lathrap, Assistant Professor.....	B	7 700
9. Alan H. Jacobs, Instructor.....	D	7 000
10. 2.00 Full-time Equivalent Assistants.....	E	8 000
Nonacademic Salaries		5 880
<i>Total, Salaries</i>		<i>(108 030)</i>
Wages		2 030
Expense		5 500
Equipment		500
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(8 030)</i>
<i>Total, Anthropology</i>		<i>\$116 060</i>

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION SUBCONTRACT

ILLINOIS ARCHEOLOGY SURVEY

Account Number 46-32-07-359

1. Charles J. Bareis, Research Associate.....	DY	\$ 7 000
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Astronomy

Account Number 00-32-10-100

1. George C. McVittie, Professor and Head of Department	A	\$ 18 500
2. R. H. Baker, Professor, <i>Emeritus</i>	R	.....
3. George W. Swenson, Jr., Research Professor.....	ZA48	6 480
(Total Salary)		(13 500)
4. Stanley P. Wyatt, Jr., Professor.....	A	12 400
5. Ivan R. King, Associate Professor.....	A	10 000
(On leave with one-half pay 1962-63)		
6. ———, Assistant Professor.....	B	7 950
7. ———, Assistant Professor.....	B	6 500
8. 2.50 Full-time Equivalent Assistants.....	E	10 000
Nonacademic Salaries		3 600
<i>Total, Salaries</i>		<i>(75 430)</i>
Expense		1 300
Equipment		1 800
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(3 100)</i>
<i>Total, Astronomy</i>		<i>\$ 78 530</i>

Botany

Account Number 00-32-16-100

1. Wilson N. Stewart, Professor.....	ZA81}	\$ 11 170
Chairman of Department.....	B }	
(Total Salary)		(13 800)
(On leave without pay first semester 1962-63)		
2. Lindsay M. Black, Professor.....	ZA	14 950
3. Harry J. Fuller, Professor.....	A	.....
(On disability leave without pay)		
4. C. F. Hottes, Professor, <i>Emeritus</i>	ZRA	.....

5. G. Neville Jones, Professor and Curator of Herbarium	A	12 600
6. John R. Laughnan, Professor	ZA	15 450
7. Eugene I. Rabinowitch, Research Professor	A	14 400
(On leave with pay first semester 1962-63 and without pay second semester 1962-63)		
8. Donald P. Rogers, Professor and Curator of Mycological Collections	A	13 400
9. Herbert Stern, Professor	A	12 400
10. Arthur G. Vestal, Professor, <i>Emeritus</i>	R	.....
11. Lawrence C. Bliss, Associate Professor	A	8 850
12. Robert M. Kosanke, Associate Professor	DY10	1 200
13. James F. Nance, Associate Professor	A	10 700
14. Dale M. Smith, Associate Professor	A	8 900
15. Dale M. Steffensen, Associate Professor	A	12 400
16. ———, Associate Professor	A	10 900
17. ———, Associate Professor	A	9 300
18. Zane B. Carothers, Assistant Professor	B	7 900
19. Govindjee, Assistant Professor	ZB50	3 700
(Total Salary)		(7 400)
20. Dominick J. Paolillo, Assistant Professor	B	7 500
21. Tommy L. Phillips, Assistant Professor	ZB25	1 685
(Total Salary)		(6 750)
22. ———, Research Associate	DY	6 500
23. Almut G. Jones, Preparator with rank of Assistant	E	4 650
24. Sue A. Shelley, Research Assistant	DY	5 150
25. 13.50 Full-time Equivalent Assistants	E	55 300
Nonacademic Salaries		47 112
Total, Salaries		(296 117)
Wages		15 030
Expense		26 400
Equipment		4 730
Total, Wages, Expense, and Equipment		(46 160)
Total, Botany		\$342 277

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G15947

Account Number 46-12-16-351

1. Yasuo Hotta, Research Associate	DY	\$ 7 300
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U.S. NATIONAL SCIENCE FOUNDATION G19437

Account Number 46-32-16-368

1. Govindjee, Assistant Professor	ZB50	\$ 3 700
2. Carl N. Cederstrand, Research Assistant	DY	5 000

Total, U.S. National Science Foundation G19437..... \$ 8 700

U.S. PUBLIC HEALTH SERVICE E3013

Account Number 46-32-16-369

1. Ramesh C. Sinha, Research Associate	DY	\$ 6 600
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Chemistry and Chemical Engineering

Account Number 00-32-19-100

1. H. E. Carter, Professor of Biochemistry and Head of Department of Chemistry and Chemical Engineering	A	\$ 22 500
2. Roger Adams, Research Professor of Organic Chemistry, <i>Emeritus</i>	R	.....
3. L. F. Audrieth, Professor of Organic Chemistry, <i>Emeritus</i>	R	.....
4. John C. Bailar, Jr., Professor of Inorganic Chemistry	A	16 400
5. A. M. Buswell, Research Professor of Chemistry, <i>Emeritus</i>	R	.....
6. George L. Clark, Research Professor of Analytical Chemistry, <i>Emeritus</i>	R	.....
7. David Y. Curtin, Professor of Organic Chemistry	A	14 400

8. Harry G. Drickamer, Professor of Chemical Engineering and Physical Chemistry.....	ZA	19 000
9. Duane T. Englis, Professor of Analytical Chemistry, <i>Emeritus</i>	R	.....
10. R. C. Fuson, Professor of Organic Chemistry.....	ZA	15 300
(Total Salary)		(18 500)
11. I. C. Gunsalus, Professor of Biochemistry.....	A	20 000
12. H. S. Gutowsky, Professor of Physical Chemistry....	A	18 000
13. H. A. Laitinen, Professor of Analytical Chemistry....	A	18 800
14. Nelson J. Leonard, Professor of Organic Chemistry...	A	18 000
15. Howard V. Malmstadt, Professor of Analytical Chemistry.....	A	13 500
16. Carl S. Marvel, Research Professor of Organic Chemistry, <i>Emeritus</i>	R	.....
17. Therald Moeller, Professor of Inorganic Chemistry....	A	15 300
18. T. E. Phipps, Professor of Physical Chemistry.....	A	11 900
19. W. C. Rose, Research Professor of Biochemistry, <i>Emeritus</i>	R	.....
20. G. Frederick Smith, Professor of Analytical Chemistry, <i>Emeritus</i>	R	.....
21. H. R. Snyder, Research Professor of Organic Chemistry (Total Salary)	ZA50	8 500
(Total Salary)		(17 000)
22. Carl S. Vestling, Professor of Biochemistry.....	A	15 300
23. F. T. Wall, Research Professor of Physical Chemistry (Total Salary)	ZAY20	5 000
(Total Salary)		(25 000)
24. James W. Westwater, Professor of Chemical Engineering.....	ZA60	7 800
(Total Salary)		(13 000)
25. Peter E. Yankwich, Professor of Physical Chemistry..	A	12 900
26. ———, Research Professor of Chemical Engineering.....	ZA50	7 000
(Total Salary)		(14 000)
27. Douglas Applequist, Associate Professor of Organic Chemistry.....	A	9 600
28. Virginia Bartow, Associate Professor of Inorganic Chemistry, <i>Emerita</i>	R	.....
29. Theodore L. Brown, Associate Professor of Inorganic Chemistry.....	A	9 200
30. Russell S. Drago, Associate Professor of Inorganic Chemistry	A	9 100
31. Lowell P. Hager, Associate Professor of Biochemistry	A	12 300
32. Benjamin D. Hall, Associate Professor of Physical Chemistry and Biochemistry.....	ZA50	7 000
(Total Salary)		(14 000)
33. Thomas J. Hanratty, Associate Professor of Chemical Engineering.....	ZA	10 600
(On leave with one-half pay 1962-63)		
34. Arnold M. Hartley, Associate Professor of Analytical Chemistry	A	8 500
(On leave with pay second semester 1962-63)		
35. J. Woodland Hastings, Associate Professor of Biochemistry.....	A	11 300
36. John P. Hummel, Associate Professor of Physical Chemistry	ZA50	4 600
(Total Salary)		(9 200)
37. Richard S. Juvet, Associate Professor of Analytical Chemistry	A	9 200
38. Aron Kuppermann, Associate Professor of Physical Chemistry	A	9 200
39. James C. Martin, Associate Professor of Organic Chemistry	A	9 000
40. Theron S. Piper, Associate Professor of Inorganic Chemistry	A	9 000
(On leave with pay second semester 1962-63)		

41. K. L. Rinehart, Associate Professor of Organic Chemistry.....	A	9 600
42. William J. Rutter, Associate Professor of Biochemistry A (On leave with one-half pay 1962-63)		11 300
43. Kensal E. Van Holde, Associate Professor of Physical Chemistry	A	9 700
44. Finn Wold, Associate Professor of Biochemistry..... A (On leave without pay for five years from September 1, 1961)		.....
45. ———, Associate Professor of Biochemistry....	A	13 000
46. ———, Associate Professor of Inorganic Chemistry.....	A	9 000
47. ———, Associate Professor of Biochemistry....	A	8 800
48. ———, Associate Professor of Inorganic Chemistry.....	A	9 500
49. Robert B. Bates, Assistant Professor of Organic Chemistry.....	B	7 500
50. R. Linn Belford, Assistant Professor of Physical Chemistry	B	8 400
51. Edward F. Cavanaugh, Assistant Professor of Chemistry and Director of Laboratories.....	DY	12 300
52. Richard E. Dickerson, Assistant Professor of Physical Chemistry	B	9 000
53. Jack G. Kay, Assistant Professor of Inorganic Chemistry.....	B	7 400
54. Dean F. Martin, Assistant Professor of Inorganic Chemistry	B	7 200
55. Daniel D. Perlmuter, Assistant Professor of Chemical Engineering.....	ZB	8 600
56. Clarence E. Piluger, Assistant Professor of Analytical Chemistry	B	7 400
57. John A. Quinn, Assistant Professor of Chemical Engineering	ZB	8 800
58. Stanley G. Smith, Assistant Professor of Organic Chemistry	B	7 800
59. Larry K. Steinrauf, Assistant Professor of Physical Chemistry	ZD50	4 100
(Total Salary)		(8 200)
60. ———, Assistant Professor of Organic Chemistry.....	B	8 000
61. ———, Assistant Professor of Biochemistry.....	B	7 000
62. ———, Assistant Professor of Chemical Engineering	B	10 260
63. ———, Assistant Professor of Chemical Engineering	B	7 500
64. Rosalie M. Parr, Associate, <i>Emerita</i>	RA	.....
65. Brian E. Betts, Research Associate in Chemistry.....	DY	6 100
66. Susil K. Chakravarti, Research Associate in Chemistry	DY	6 300
67. ———, Research Associate in Chemistry.....	DY	6 500
68. Peter Beak, Instructor in Organic Chemistry.....	D	6 700
69. James L. Brownlee, Jr., Instructor in Analytical Chemistry.....	D	7 400
70. Willis H. Flygare, Instructor in Physical Chemistry...	D	6 700
71. Leon F. Goodyear, Instructor in Glass Blowing.....	DY5	400
(Total Salary)		(8 700)
(Also Nonacademic)		
72. Donald H. Secrest, Instructor in Chemistry.....	DY	8 400
73. ———, Instructor in Inorganic Chemistry.....	D	6 200
74. Gary D. Callahan, Microanalyst.....	DY	5 000
75. Dick H. Johnson, Spectroscopist.....	DY	5 800
76. Nancy V. Neilson, Spectroscopist.....	DY	4 900
77. Josef Nemeth, Microanalyst.....	DY	10 100
78. Oliver W. Norton, Spectroscopist.....	DY	7 850

79. Mary A. Weatherford, Microanalyst.....	DY	5 000
80. ———, Microanalyst	DY	5 000
81. 55.25 Full-time Equivalent Assistants.....	E	230 500
82. 1.00 Full-time Equivalent Assistants.....	DY	4 900
83. Nonacademic Salaries		278 862
<i>Total, Salaries</i>		(1 182 972)
Wages.....		7 740
Expense.....		309 260
Equipment		60 000
<i>Total, Wages, Expense, and Equipment</i>		(377 000)
<i>Total, Chemistry and Chemical Engineering</i>		\$1 559 972

Cooperative Investigations

U.S. AIR FORCE 7918

Account Number 46-32-19-303

1. Piero Nannelli, Research Associate in Chemistry..... DY \$ 6 050

U.S. ATOMIC ENERGY COMMISSION 1142

Account Number 46-32-19-320

1. Gabriel Lapidus, Research Associate in Chemistry..... DY \$ 6 400

U.S. NATIONAL SCIENCE FOUNDATION G16809

Account Number 46-32-19-356

1. Eugene L. Grubb, Research Associate in Chemistry.... DY \$ 6 000

U.S. NATIONAL SCIENCE FOUNDATION 19739

Account Number 46-32-19-365

1. Gobinda L. Basu, Research Associate in Chemistry.... DY \$ 6 000

U.S. NATIONAL SCIENCE FOUNDATION G19724

Account Number 46-32-19-380

1. William E. Hatfield, Research Associate in Chemistry DY \$ 5 850

U.S. PUBLIC HEALTH SERVICE A3185

Account Number 46-32-20-371

1. Larry K. Steinrauf, Assistant Professor of Physical
Chemistry..... ZD50 \$ 4 100
 (Total Salary) (8 200)

U.S. PUBLIC HEALTH SERVICE B574

Account Number 46-32-20-374

1. Evelyn J. Weber, Research Associate in Chemistry.... DY \$ 6 400

U.S. PUBLIC HEALTH SERVICE A2905

Account Number 46-32-20-378

1. Jorge E. Churchich, Research Associate in Chemistry.. DY \$ 6 600

U.S. PUBLIC HEALTH SERVICE 2G321

Account Number 46-32-20-183

1. Benjamin D. Hall, Associate Professor of Physical
Chemistry and Biochemistry..... ZA50 \$ 7 000

U.S. PUBLIC HEALTH SERVICE RG5829

Account Number 46-32-20-390

1. Leonard E. Brady, Research Associate in Chemistry... DY \$ 7 200

Classics

Account Number 00-32-22-100

1. John L. Heller, Professor and Head of Department... A \$ 15 400
2. Revilo P. Oliver, Professor..... A 11 300
3. B. E. Perry, Professor, *Emeritus*..... R
4. Alexander Turyn, Professor..... ZA 14 500
 (Total Salary) (17 000)
5. ———, Professor A | 12 200 || 6. John J. Bateman, Assistant Professor..... | B | 8 000 |
| 7. William P. Donovan, Assistant Professor..... | ZB50 | 3 500 |
| (Total Salary) | | (7 000) |
| 8. Mark Naoumides, Assistant Professor..... | B | 6 500 |

9. William C. Kurth, Instructor.....	D	6 200
10. 1.00 Full-time Equivalent Assistants.....	E	5 030
Nonacademic Salaries		1 710
<i>Total, Salaries</i>		(84 340)
Wages.....		210
Expense		1 390
Equipment		200
<i>Total, Wages, Expense, and Equipment</i>		(1 800)
<i>Total, Classics</i>		\$ 86 140

English

Account Number 00-32-25-100

1. Robert W. Rogers, Professor and Head of Department A		\$ 17 300
2. C. R. Anderson, Professor of Business English and Chairman of Business English.....	A	13 500
3. T. W. Baldwin, Professor, <i>Emeritus</i>	R	.....
4. Arthur E. Barker, Professor.....	A	17 500
5. Edward H. Davidson, Professor.....	A	15 200
(On leave without pay 1962-63)		
6. Gwynne B. Evans, Professor.....	A	15 300
(On leave with pay first semester 1962-63)		
7. John T. Flanagan, Professor.....	A	15 100
8. H. F. Fletcher, Professor, <i>Emeritus</i>	R	.....
9. Royal A. Gettmann, Professor.....	A	16 200
10. Marcus S. Goldman, Professor, <i>Emeritus</i>	R	.....
11. Bruce Harkness, Professor and Executive Secretary of Department	A	11 200
12. M. T. Herrick, Professor.....	ZA67	10 774
(Total Salary)		(16 000)
13. Allan G. Holaday, Professor.....	A	11 500
14. Julius N. Hook, Professor.....	ZA55	7 340
(Total Salary)		(13 400)
15. Robert E. Kaske, Professor.....	A	13 700
16. Murray Krieger, Professor.....	A	16 000
17. Paul N. Landis, Professor, <i>Emeritus</i>	R	.....
18. Henning Larsen, Professor, <i>Emeritus</i>	ZR	.....
19. B. A. Milligan, Professor.....	A	13 300
(On leave with pay first semester 1962-63)		
20. John F. Nims, Professor.....	A	13 500
21. Sherman Paul, Professor.....	A	15 100
22. C. W. Roberts, Professor.....	A	12 700
23. Charles H. Shattuck, Professor.....	A	12 000
24. Donald Smalley, Professor.....	A	14 300
25. Roland M. Smith, Professor.....	A	12 200
26. Harris W. Wilson, Professor of English and Chairman of Freshman Rhetoric.....	A	11 600
27. August L. Altenbernd, Associate Professor.....	A	8 600
28. Daniel Curley, Associate Professor.....	A	8 300
29. Robert L. Haig, Associate Professor.....	A	9 500
30. Glenn P. Haskell, Associate Professor.....	A	8 200
31. Cornelia P. Kelley, Associate Professor.....	A	8 200
32. Robert B. Lees, Associate Professor of English and Linguistics.....	ZA67	7 333
(Total Salary)		(11 000)
33. John F. Lynen, Associate Professor.....	A	8 200
(Leave to be determined)		
34. John T. Maguire, Associate Professor.....	A	8 600
35. William H. McBurney, Associate Professor.....	A	8 500
36. Robert Ornstein, Associate Professor.....	A	9 800
37. Ronald H. Paulson, Associate Professor.....	A	8 200
38. J. K. Quinn, Associate Professor.....	A	9 200
39. Harry F. Robins, Associate Professor.....	A	8 200
40. Arthur L. Scott, Associate Professor.....	A	8 200

41. James R. Squire, Associate Professor.....	ZA34	2 830
(Total Salary)		(4 250)
42. Jack C. Stillinger, Associate Professor.....	A	9 200
43. Francis W. Weeks, Associate Professor of Business English.....	A	10 100
44. Robert Bruce Weirick, Associate Professor, <i>Emeritus</i> ..	R	.....
45. ———, Associate Professor of Comparative Literature	A	9 800
46. Keith Alldritt, Assistant Professor.....	B	6 900
47. Katharine O. Aston, Assistant Professor.....	B	6 500
48. Lloyd E. Berry, Assistant Professor.....	B	7 700
49. Helen B. Brennan, Assistant Professor of English and Chairman of English for Foreign Students.....	B	7 500
50. Garreta H. Busey, Assistant Professor, <i>Emerita</i>	R	.....
51. Gibbon Butler, Assistant Professor.....	ZBY	.....
52. Walter J. Chamberlin, Assistant Professor of Business English.....	B	8 600
53. William M. Curtin, Assistant Professor.....	B	7 300
54. N. P. Davis, Assistant Professor.....	B	6 500
55. Margaret French, Assistant Professor, <i>Emerita</i>	R	.....
56. Rocco L. Fumento, Assistant Professor.....	B	7 200
(On leave with pay second semester 1962-63)		
57. Sanford Golding, Assistant Professor.....	B	7 100
58. John A. Hamilton, Assistant Professor.....	B	6 500
59. Philip R. Headings, Assistant Professor.....	B	6 900
60. Francis E. Hodgins, Jr., Assistant Professor.....	B	7 400
61. Donald J. Hogan, Assistant Professor.....	B	7 100
62. Ruth Kelso, Assistant Professor, <i>Emerita</i>	R	.....
63. William J. Lord, Jr., Assistant Professor.....	B	7 600
64. Stanton Millet, Assistant Professor.....	B	7 000
65. Frank Moake, Assistant Professor.....	B	8 050
66. Esther H. Rapp, Assistant Professor, <i>Emerita</i>	R	.....
67. William H. Rueckert, Assistant Professor.....	B	7 100
68. Robert L. Schneider, Assistant Professor.....	B	7 300
69. George Scouffas, Assistant Professor.....	B	8 100
70. Gardiner B. Stillwell, Assistant Professor.....	B	7 400
71. Caroline Tupper, Assistant Professor, <i>Emerita</i>	R	.....
72. ———, Assistant Professor.....	B	7 300
73. ———, Assistant Professor.....	D	6 800
74. Margaret Bloom, Instructor, <i>Emerita</i>	R	.....
75. Herbert Bogart, Instructor.....	D	6 400
76. Edward J. Brandabur, Instructor.....	D	6 400
77. Eugene E. Brott, Instructor.....	D	5 100
78. Robert L. Chamberlain, Instructor.....	D67	4 000
79. Howard C. Cole, Instructor.....	D	6 300
80. David L. Derus, Instructor.....	D	6 600
81. Richard P. Felton, Instructor in Business English.....	D	5 600
82. John B. Gabel, Instructor.....	D	6 400
83. Robert D. Gieselman, Instructor in Business English..	D	5 100
84. Herbert Goodrich, Instructor in Business English.....	D	5 900
85. Joseph B. Harris, Instructor.....	D	5 000
86. Mary A. Hussey, Instructor.....	D	6 300
87. Mary Lynn Johnson, Instructor.....	D	6 300
88. U. Milo Kaufmann, Instructor.....	D	6 600
89. Maria Keen, Instructor.....	D	5 300
90. Gerald L. O'Grady, Instructor.....	D	6 300
91. Jean Praninskas, Instructor.....	D	6 100
92. Robert F. Sayre, Instructor.....	D	6 400
93. Robert K. Stone, Instructor.....	D	5 900
94. Albert C. Tillman, Instructor.....	D	6 400
95. Ralph H. Walker, Instructor.....	D	5 600
96. Richard H. Wasson, Instructor.....	D	6 400
97. James H. Wheatley, Instructor.....	D	6 600
98. ———, Instructor in Business English.....	D	5 500

99.	Donald C. Stewart, Instructor.....	D	6 300
100.	Robert M. Zewadski, Instructor.....	D	5 100
101.	_____, Instructor in Business English.....	D	5 300
102.	_____, Instructor	D	6 500
103.	_____, Instructor	D	6 000
104.	_____, Instructor	D	6 700
105.	_____, Instructor	D	5 900
106.	_____, Instructor in Business English.....	D	5 400
107.	_____, Visiting Lecturer.....	D	8 500
108.	Sayre D. Andersen, Assistant.....	E	4 000
109.	Rosario P. Armato, Assistant.....	E	4 200
110.	Robert A. Bain, Assistant.....	E	4 000
111.	Loris S. Baker, Assistant.....	E	4 400
112.	K. Gerald Balls, Assistant.....	E	4 200
113.	Edward W. Bratton, Assistant.....	E	4 200
114.	James Coulos, Assistant.....	E	4 000
115.	Richard E. Cunningham, Assistant.....	E	4 200
116.	Yvonne Y. Dalton, Assistant.....	E	4 000
117.	Elmer N. Feltskog, Assistant.....	E	4 000
118.	Clyde L. Grimm, Jr., Assistant.....	E	4 400
119.	Mary A. Heagarty, Assistant.....	E	4 000
120.	Ronald C. Johnson, Assistant.....	E	4 400
121.	Joe A. Kimbrough, Assistant.....	E	4 000
122.	Arthur L. Kistner, Assistant.....	E	4 200
123.	Charles Koban, Assistant.....	E	4 200
124.	Robert W. Lewis, Jr., Assistant.....	E	4 200
125.	David M. Martin, Assistant.....	E	4 000
126.	Richard T. Martin, Assistant.....	E	4 200
127.	Dana G. McKinnon, Assistant.....	E	4 200
128.	Richard L. Rowe, Assistant.....	E	4 200
129.	James L. Scoggins, Assistant.....	E	4 200
130.	Roberta Scouffas, Assistant.....	E	4 000
131.	Lyle E. Van Pelt, Assistant.....	E	4 200
132.	_____, Assistant	E	4 200
133.	_____, Assistant	E	4 200
134.	_____, Assistant	E	4 200
135.	_____, Assistant	E	4 200
136.	_____, Assistant	E	4 200
137.	_____, Assistant	E	4 000
138.	_____, Assistant	E	4 400
139.	_____, Assistant	E	4 100
140.	_____, Assistant	E	4 200
141.	_____, Assistant	E	4 000
142.	_____, Assistant	E	4 400
143.	_____, Assistant	E	4 200
144.	_____, Assistant	E	4 200
145.	_____, Assistant	E	4 400
146.	_____, Assistant	E	4 200
147.	_____, Assistant	E	4 400
148.	_____, Assistant	E	4 200
149.	_____, Assistant	E	4 400
150.	_____, Assistant	E	4 400
151.	_____, Assistant	E	4 400
152.	_____, Assistant	E	4 400
153.	_____, Assistant	E	4 400
154.	_____, Assistant	E	4 200
155.	_____, Assistant	E	4 400
156.	_____, Assistant	E	4 200
157.	_____, Assistant	E	4 200
158.	_____, Assistant	E	4 000
159.	44.00 Full-time Equivalent Assistants.....	E	177 304
	Nonacademic Salaries		28 330
	<i>Total, Salaries</i>		(1 214 261)

Wages.....	8 580
Expense, General	12 520
Expense, Printing of <i>Accent</i>	1 600
Equipment	3 000
<i>Total, Wages, Expense, and Equipment</i>	(25 700)
<i>Total, English</i>	\$1 239 961

Entomology

Account Number 00-32-28-100

1. Leigh E. Chadwick, Professor and Head of Department A (On leave with pay second semester 1962-63)	\$ 16 600
2. W. V. Balduf, Professor, <i>Emeritus</i> R	.....
3. G. S. Fraenkel, Professor..... A	14 500
4. William P. Hayes, Professor, <i>Emeritus</i> R	.....
5. William R. Horsfall, Professor..... ZA	11 250
6. C. W. Kearns, Professor..... A	13 650
7. H. H. Ross, Professor..... A	.....
8. Richard B. Selander, Associate Professor..... A	8 650
9. James G. Sternburg, Associate Professor..... A	9 200
10. William L. Downes, Jr., Assistant Professor..... B	7 550
11. Gilbert P. Waldbauer, Assistant Professor..... D	6 950
12. 2.25 Full-time Equivalent Assistants..... E	9 100
Nonacademic Salaries	7 220
<i>Total, Salaries</i>	(104 670)
Wages.....	1 050
Expense	5 150
Equipment	3 800
<i>Total, Wages, Expense, and Equipment</i>	(10 000)
<i>Total, Entomology</i>	\$114 670

French

Account Number 00-32-31-100

1. Charles A. Knudson, Professor and Head of Department A	\$ 16 800
2. Cameron C. Gullette, Professor, <i>Emeritus</i> R	.....
3. J. F. Jackson, Professor..... ZA90	11 070
(Total Salary)	(12 300)
4. Paul E. Jacob, Professor, <i>Emeritus</i> R	.....
5. Philip Kolb, Professor..... A	13 750
6. Claude P. Viens, Professor..... ZA33	3 800
(Total Salary)	(11 400)
7. Philip A. Wadsworth, Professor and Executive Secretary of Department..... A	14 850
8. _____, Professor	A 10 150
9. Bruce H. Mainous, Associate Professor..... A	10 300
10. Francis W. Nachtmann, Associate Professor..... A	8 400
11. Angelina Pietrangeli, Associate Professor..... ZA50	5 100
(Total Salary)	(10 200)
12. Claude K. Abraham, Assistant Professor..... B	7 300
13. Vincent E. Bowen, Assistant Professor..... B	8 000
14. Stanley E. Gray, Assistant Professor..... B	7 400
15. Edwin Jahiel, Assistant Professor..... B	7 500
(On leave with one-half pay 1962-63)	
16. Paul A. Mankin, Assistant Professor..... B	7 500
17. Jeanne R. Monty, Assistant Professor..... B	6 800
18. Cordelia Reed, Assistant Professor..... B	6 500
19. Philip H. Stephan, Assistant Professor..... B	6 700
20. _____, Assistant Professor..... BY50	4 650
21. Paul E. Barrette, Instructor..... D	6 400
22. Barbara J. Bucknall, Instructor..... D	6 200
23. Barbara C. Cannings, Instructor..... D	6 000
24. Herbert C. De Ley, Jr., Instructor..... D	6 000
25. Brian T. Fitch, Instructor..... D	6 600

26. _____, Instructor	D	6 400
27. 20.00 Full-time Equivalent Assistants.....	E	85 980
Nonacademic Salaries		6 800
<i>Total, Salaries</i>		(286 950)
Wages.....		1 450
Expense		2 425
Equipment		725
<i>Total, Wages, Expense, and Equipment</i>		(4 600)
<i>Total, French</i>		\$291 550

Division of General Studies

Account Number 00-32-37-100

1. James M. McCrimmon, Professor of Humanities and Head of Division.....	ZA	\$ 13 000
2. William Habberton, Professor, <i>Emeritus</i>	R	.....
3. M. T. Herrick, Professor of English.....	ZA33	5 226
(Total Salary)		(16 000)
4. Otto E. Kugler, Professor of Biological Science.....	A	10 900
5. Edwin M. Banks, Associate Professor of Biological Science.....	ZA	8 200
6. Frank Costin, Associate Professor of Psychology.....	ZA67	6 700
(Total Salary)		(10 000)
7. Lawrence J. McCaffrey, Associate Professor of History.....	A	8 200
8. Sidney Rosen, Associate Professor of Physical Science.....	A	8 800
9. Robert Siegfried, Associate Professor of Chemistry....	A	8 900
10. John M. Dennison, Assistant Professor of Geology....	ZB75	5 250
(Total Salary)		(7 000)
11. Walter H. Draper, Assistant Professor of Verbal Communication	B	6 600
12. A. Tress Lundman, Assistant Professor of Verbal Communication	B	6 700
13. Tommy L. Phillips, Assistant Professor of Botany.....	ZB75	5 065
(Total Salary)		(6 750)
14. James M. Powell, Assistant Professor of History.....	B	7 300
15. Richard F. Tomasson, Assistant Professor of Sociology.....	ZB67	5 000
(Total Salary)		(7 500)
16. _____, Assistant Professor of Humanities.....	B	7 700
17. Richard A. Gilman, Instructor in Physical Science.....	D	6 200
18. John F. Glawe, Instructor in Biological Science.....	D	6 600
19. _____, Instructor in Physical Science.....	D	6 000
20. _____, Instructor in Verbal Communication.....	D	5 200
21. Glen E. Gaides, Assistant in Physical Science.....	E	4 350
22. _____, Assistant in History of Civilization.....	E	4 300
23. 10.58 Full-time Equivalent Assistants.....	E	42 580
Nonacademic Salaries		9 480
<i>Total, Salaries</i>		(198 251)
Wages.....		1 330
Expense		4 770
Equipment		1 500
<i>Total, Wages, Expense, and Equipment</i>		(7 600)
<i>Total, Division of General Studies</i>		\$205 851

Geography

Account Number 00-32-43-100

1. Joseph A. Russell, Professor and Head of Department..	A	\$ 16 500
2. Alfred W. Booth, Professor.....	A	13 500
3. Fred W. Foster, Professor.....	A	13 150
4. John H. Garland, Professor.....	A	11 100
5. J. L. Page, Professor.....	A	11 300
6. Demitri B. Shimkin, Professor.....	ZA50	7 300
(Total Salary)		(14 600)
7. _____, Professor	A	10 200

8. C. S. Alexander, Associate Professor.....	A	8 600
9. Jerome D. Fellmann, Associate Professor.....	A	9 800
10. Howard G. Roepke, Associate Professor.....	A	9 750
11. Everett G. Smith, Jr., Assistant Professor.....	ZBY	.....
12. 6.25 Full-time Equivalent Assistants.....	E	26 050
Nonacademic Salaries		15 930
<i>Total, Salaries</i>		(153 180)
Wages.....		2 310
Expense		6 500
Equipment		3 000
<i>Total, Wages, Expense, and Equipment</i>		(11 810)
<i>Total, Geography</i>		\$164 990

Geology

Account Number 00-32-46-100		
1. George W. White, Professor and Head of Department	A	\$ 18 600
2. Albert Carozzi, Professor.....	A	12 700
3. Carleton A. Chapman, Professor.....	A	14 000
4. Don U. Deere, Professor.....	ZA33	4 325
(Total Salary)		(13 000)
5. Ralph E. Grim, Research Professor.....	A	17 000
6. Arthur F. Hagner, Professor.....	A	11 600
(On leave with pay first semester 1962-63)		
7. Jack L. Hough, Professor.....	A	13 100
8. Harold W. Scott, Professor.....	A	13 100
9. Paul R. Shaffer, Professor.....	A	14 000
10. Harold R. Wanless, Professor.....	A	15 800
11. _____, Professor.....	A33	3 440
12. Donald M. Henderson, Associate Professor.....	A	9 350
13. Heikki G. Ignatius, Visiting Associate Professor.....	E	9 000
14. Ralph L. Langenheim, Associate Professor.....	A	8 200
15. Frederick W. Cropp, Assistant Professor.....	ZB50	4 100
(Total Salary)		(8 200)
(On leave without pay 1962-63)		
16. John M. Dennison, Assistant Professor.....	ZB25	1 750
(Total Salary)		(7 000)
17. William Winn Hay, Assistant Professor.....	B	7 000
18. F. M. Wahl, Assistant Professor.....	B	8 000
19. W. Hilton Johnson, Instructor.....	D	6 300
20. 14.00 Full-time Equivalent Assistants.....	E	56 000
Nonacademic Salaries		15 960
<i>Total, Salaries</i>		(263 325)
Wages.....		3 680
Expense		32 820
Equipment		13 000
<i>Total, Wages, Expense, and Equipment</i>		(49 500)
<i>Total, Geology</i>		\$312 825

German

Account Number 00-32-49-100		
1. Frank G. Banta, Associate Professor.....	A)	\$ 11 000
Chairman of Department.....	B)	
2. John R. Frey, Professor.....	A	13 350
3. J. T. Geissendoerfer, Professor, <i>Emeritus</i>	R	.....
4. Phillip M. Mitchell, Professor.....	A	11 800
5. Ernst A. Philippson, Professor.....	A	13 800
6. Henri Stegemeier, Professor.....	A	12 000
7. C. A. Williams, Professor, <i>Emeritus</i>	R	.....
8. Mimi Ida Jehle, Associate Professor.....	A	9 200
9. Francis J. Nock, Associate Professor.....	A	9 600
10. Gerard F. Schmidt, Associate Professor.....	A	9 000
11. Pauline S. Schwalbe, Assistant Professor.....	B	7 300
(On leave with pay second semester 1962-63)		

12. Burkhard Seubert, Assistant Professor.....	B	6 950
13. Otto Dornberg, Instructor.....	D	6 300
14. Charles B. Giordano, Instructor.....	D	6 000
15. Werner Marx, Instructor.....	D	6 400
16. Michael M. Metzger, Instructor.....	D	6 300
17. Walter L. Robbins, Instructor.....	D	6 300
18. David E. Silas, Instructor.....	D	6 350
19. _____, Instructor.....	D	5 800
20. _____, Instructor.....	D	5 800
21. _____, Instructor.....	D	6 200
22. 11.33 Full-time Equivalent Assistants.....	E	48 584
Nonacademic Salaries.....		4 020
<i>Total, Salaries</i>		(212 054)
Wages.....		1 000
Expense.....		1 950
Equipment.....		400
<i>Total, Wages, Expense, and Equipment</i>		(3 350)
<i>Total, German</i>		\$215 404

History

Account Number 00-32-52-100		
1. Norman A. Graebner, Professor.....	A)	\$ 15 750
Chairman of Department.....	B)	
2. C. Ernest Dawn, Professor.....	A	11 100
3. F. C. Dietz, Professor, <i>Emeritus</i>	R	.....
4. Edgar L. Erickson, Professor.....	A	10 500
5. Ralph T. Fisher, Jr., Professor.....	A	11 800
6. Deno J. Geanakoplos, Professor.....	A	11 800
7. Robert W. Johannsen, Professor.....	A	10 800
8. P. V. B. Jones, Professor, <i>Emeritus</i>	R	.....
9. Maurice Lee, Jr., Professor.....	A	10 600
10. Charles E. Nowell, Professor.....	A	14 300
(On leave with pay second semester 1962-63)		
11. F. S. Rodkey, Professor, <i>Emeritus</i>	R	.....
12. Fred A. Shannon, Professor, <i>Emeritus</i>	R	.....
13. Chester G. Starr, Professor.....	A	14 800
14. Raymond P. Stearns, Professor.....	A	14 800
15. J. W. Swain, Professor, <i>Emeritus</i>	R	.....
16. _____, Professor.....	A	14 000
17. James L. Bates, Associate Professor.....	A	9 200
18. J. Alden Nichols, Associate Professor.....	A	9 700
19. John B. Sirich, Associate Professor.....	A	9 150
20. Clark C. Spence, Associate Professor.....	A	10 500
21. Robert M. Sutton, Associate Professor.....	ZAY27	3 600
(Total Salary).....		(13 700)
22. _____, Associate Professor.....	A	8 300
23. Natalia M. Belting, Assistant Professor.....	B	6 600
24. Robert B. Crawford, Assistant Professor.....	B	7 600
(On leave without pay first semester 1962-63)		
25. Louise B. Dunbar, Assistant Professor, <i>Emerita</i>	R	.....
26. J. R. Hollingsworth, Assistant Professor.....	B	7 000
(On leave without pay 1962-63)		
27. Herbert H. Kaplan, Assistant Professor.....	B	6 500
28. Ameda Ruth King, Assistant Professor, <i>Emerita</i>	R	.....
29. Robert M. McColley, Assistant Professor.....	B	6 800
30. Mary Lucille Shay, Assistant Professor.....	ZB50	4 300
(Total Salary).....		(8 600)
31. _____, Assistant Professor.....	B	7 250
32. _____, Instructor.....	D	6 500
33. _____, Instructor.....	D	7 000
34. _____, Instructor.....	D	6 300
35. 9.60 Full-time Equivalent Assistants.....	E	38 900

Nonacademic Salaries	9 480
<i>Total, Salaries</i>	(304 930)
Wages	170
Expense	3 680
Equipment	650
<i>Total, Wages, Expense, and Equipment</i>	(4 500)
<i>Total, History</i>	\$309 430

School of Life Sciences

Account Number 00-32-53-100		
1. Halvor O. Halvorson, Director	ZB	\$ 21 000
2. Donald F. Hoffmeister, Curator of Natural History Museum	ZAY	13 500
3. 0.50 Full-time Equivalent Assistants	E	2 000
Nonacademic Salaries		47 784
<i>Total, Salaries</i>		(84 284)
Wages, Natural History Museum		1 370
Expense		18 900
Expense, Natural History Museum		3 900
Equipment		300
Equipment, Natural History Museum		2 100
<i>Total, Wages, Expense, and Equipment</i>		(26 570)
<i>Total, School of Life Sciences</i>		\$110 854

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G19392

Account Number 46-32-53-358		
1. Merlin R. Lee, Research Associate	DY	\$ 6 850

U.S. PUBLIC HEALTH SERVICE E2896

Account Number 46-32-53-367		
1. V. R. Srinivasan, Research Assistant Professor	DY	\$ 8 500

Mathematics

Account Number 00-32-54-100		
1. Mahlon M. Day, Professor and Head of Department	A	\$ 17 600
2. Reinhold Baer, Professor, <i>Emeritus</i>	R	.....
3. Paul T. Bateman, Professor	A	16 000
4. Colin R. Blyth, Professor	A	13 000
5. William W. Boone, Professor	A	15 000
6. D. G. Bourgin, Professor	A	16 500
7. H. R. Brahana, Professor	A	17 000
8. Stewart S. Cairns, Professor	A	16 500
(On leave with pay second semester 1962-63)		
9. R. D. Carmichael, Professor, <i>Emeritus</i>	ZR	.....
10. A. B. Coble, Professor, <i>Emeritus</i>	R	.....
11. J. L. Doob, Professor	ZA	19 000
(Total Salary)		(22 300)
12. Maurice H. Heins, Professor	A	16 600
13. Alex Heller, Professor	A	14 000
(Leave to be determined)		
14. P. W. Ketchum, Professor	A	13 700
15. Joseph Landin, Professor	A	12 500
16. Harry Levy, Professor	A	14 200
17. C. W. Mendel, Professor	A	12 000
18. Henry J. Miles, Professor	ZA55	6 200
Executive Secretary of Department	ZAY45	6 200
(Total Salary)		(12 400)
19. David E. Muller, Research Professor	ZA	.....
20. Robert E. Pingry, Professor	ZA45	5 255
(Total Salary)		(11 650)
21. Irving Reiner, Professor	A	16 000
(On leave with one-half pay 1962-63)		

22. Michio Suzuki, Professor.....	A	19 000
(Leave to be determined)		
23. A. H. Taub, Research Professor of Applied Mathematics	ZA	.....
24. W. J. Trjitzinsky, Professor.....	A	14 800
25. H. E. Vaughan, Professor.....	ZA76	9 500
(Total Salary)		(12 500)
26. _____, Professor	A67	9 000
27. Beulah M. Armstrong, Associate Professor.....	A	8 800
28. Robert G. Bartle, Associate Professor.....	A	10 500
29. Donald L. Burkholder, Associate Professor of Mathematical Statistics	A	10 400
30. Josephine H. Chanler, Associate Professor.....	A	8 300
31. William A. Ferguson, Associate Professor.....	A	9 500
32. Donald B. Gillies, Research Associate Professor of Applied Mathematics	ZA	.....
33. Samuel I. Goldberg, Associate Professor.....	A	10 500
34. Mary E. Hamstrom, Associate Professor.....	A	9 000
35. Olive C. Hazlett, Associate Professor, <i>Emerita</i>	R	.....
36. Franz E. Hohn, Associate Professor.....	A	10 800
37. Richard P. Jerrard, Associate Professor.....	A	9 600
38. R. G. Langebartel, Associate Professor.....	A	9 800
39. Howard Osborn, Associate Professor.....	A	10 200
(Leave to be determined)		
40. Echo D. Pepper, Associate Professor.....	A	9 200
41. J. William Peters, Associate Professor.....	ZA80	8 440
(Total Salary)		(10 550)
42. Lee A. Rubel, Associate Professor.....	A	9 500
43. Jewell E. Schubert, Associate Professor.....	A	8 700
44. Edward J. Scott, Associate Professor.....	A	10 300
45. L. L. Steimley, Associate Professor, <i>Emeritus</i>	R	.....
46. John H. Walter, Associate Professor.....	A	9 000
47. Robert A. Wijsman, Associate Professor.....	A	10 400
48. Herbert S. Wilf, Associate Professor.....	A	9 500
49. Wilfrid Wilson, Associate Professor, <i>Emeritus</i>	R	.....
50. _____, Associate Professor.....	A	9 000
51. _____, Associate Professor.....	A	9 000
52. Kenneth I. Appel, Assistant Professor.....	B	8 500
53. Richard L. Bishop, Assistant Professor.....	B	7 800
54. George R. Blakley, Assistant Professor.....	B	7 800
55. O. K. Bower, Assistant Professor.....	B	7 400
56. Amiel Feinstein, Assistant Professor.....	B	7 900
57. Norman T. Hamilton, Assistant Professor.....	B	8 000
58. Corinne Hattan, Assistant Professor.....	B	6 800
59. Lester L. Helms, Assistant Professor.....	B	8 100
60. V. A. Hoersch, Assistant Professor, <i>Emeritus</i>	R	.....
61. Leon R. McCulloh, Assistant Professor.....	D	7 500
62. Hiram Paley, Assistant Professor.....	B	7 800
63. Clarence Phillips, Assistant Professor.....	B	7 100
64. Donald M. Roberts, Assistant Professor.....	B	8 000
65. Joseph J. Rotman, Assistant Professor.....	B	9 000
66. David Sachs, Assistant Professor.....	B	8 000
67. Wilson M. Zaring, Assistant Professor.....	B	9 600
68. _____, Assistant Professor.....	B	8 000
69. _____, Assistant Professor.....	B	7 800
70. _____, Assistant Professor.....	D	6 200
71. _____, Assistant Professor.....	B	7 900
72. _____, Assistant Professor.....	B	7 500
73. _____, Assistant Professor.....	B	7 800
74. _____, Assistant Professor.....	B	7 800
75. _____, Assistant Professor.....	B	7 400
76. _____, Assistant Professor.....	B	7 800
77. _____, Assistant Professor.....	B	7 800
78. _____, Assistant Professor.....	B	7 500

79. _____, Assistant Professor.....	B	7 000
80. _____, Assistant Professor.....	B	7 800
81. Tyler Allhands, Instructor.....	D	5 400
82. James W. Armstrong, Instructor.....	D	6 800
83. Betty C. Detwiler, Instructor.....	D	6 500
84. Robert D. Dixon, Instructor.....	D	7 600
85. Frans M. Djourup, Jr., Instructor.....	D	7 500
86. John A. Eagon, Instructor.....	D	7 200
87. Dan J. Eustice, Instructor.....	D	7 500
88. John G. Harvey, Instructor.....	D	7 300
89. V. Krishnamurthy, Instructor.....	D	6 000
90. Donald R. Sherbert, Instructor.....	D	6 500
91. Anthony L. Peressini, Instructor.....	D	7 400
92. Julius Smith, Instructor.....	D	7 100
93. Patricia A. Tucker, Instructor.....	D	7 000
94. Elliot C. Weinberg, Instructor.....	D	7 800
95. John E. Wetzel, Instructor.....	D	7 000
96. 53.50 Full-time Equivalent Assistants.....	E	213 700
Nonacademic Salaries		27 000
<i>Total, Salaries</i>		(1 062 895)
Wages.....		2 420
Expense		11 280
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(14 700)
<i>Total, Mathematics</i>		\$1 077 595

Illinois Journal of Mathematics Revolving

Account Number 12-32-54-336

Expense	\$ 3 500
<i>Total, Illinois Journal of Mathematics Revolving</i>	\$ 3 500

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G14965

Account Number 46-32-54-155

1. Alice G. Hart, Assistant Professor.....	D	\$ 9 000
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Microbiology

Account Number 00-32-55-100

1. Kimball C. Atwood, Professor and Head of Department	A	\$ 19 000
2. L. Leon Campbell, Professor.....	A	15 500
3. F. M. Clark, Professor.....	A	10 950
4. Ralph D. DeMoss, Professor.....	A	12 400
(On leave with one-half pay 1962-63)		
5. Halvor O. Halvorson, Professor.....	ZA	.....
6. Sol Spiegelman, Professor.....	A	17 150
7. G. I. Wallace, Professor, <i>Emeritus</i>	R	.....
8. Ralph S. Wolfe, Professor.....	A	12 400
9. John W. Drake, Assistant Professor.....	B	8 950
10. Joseph T. Wachsman, Assistant Professor.....	B	8 000
11. _____, Assistant Professor.....	B	7 650
12. 7.00 Full-time Equivalent Assistants.....	E	28 300
Nonacademic Salaries		41 995
<i>Total, Salaries</i>		(182 295)
Wages.....		4 200
Expense		27 500
Equipment		8 000
<i>Total, Wages, Expense, and Equipment</i>		(39 700)
<i>Total, Microbiology</i>		\$221 995

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G10798

Account Number 46-32-55-357

1. Judith E. Swanson, Research Assistant.....	BY	\$ 4 900
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U.S. PUBLIC HEALTH SERVICE 2G319

Account Number 46-32-55-167

1. Noboru Sueoka, Associate Professor.....	A	\$ 10 500
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U.S. PUBLIC HEALTH SERVICE 2G510

Account Number 46-32-55-170

1. Alfred Nisonoff, Professor.....	A	\$ 12 800
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2. John A. De Pinto, Jr., Research Assistant.....	DY	6 200
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Total, U.S. Public Health Service 2G510.....		\$ 19 000
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Philosophy

Account Number 00-32-57-100

1. Frederick L. Will, Professor.....	A)	\$ 14 850
Chairman of Department.....	B)	

2. M. H. Fisch, Professor.....	A	16 200
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3. D. W. Gotshalk, Professor.....	A	16 600
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4. M. T. McClure, Professor, <i>Emeritus</i>	R
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5. John A. Nicholson, Professor, <i>Emeritus</i>	R
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6. A. R. Turquette, Professor.....	A	12 100
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7. Bernard J. Diggs, Associate Professor.....	A	10 650
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8. O. A. Kubitz, Associate Professor.....	A	8 700
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(On leave with pay second semester 1962-63)

9. Leonard Linsky, Associate Professor.....	A	9 300
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10. Harry M. Tiebout, Jr., Associate Professor.....	A	9 300
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11. _____, Associate Professor.....	A	8 200
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12. Charles E. Caton, Assistant Professor.....	B	6 900
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13. Paul R. Diesing, Assistant Professor.....	B	6 850
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(On leave without pay 1962-63)

14. Norman Kretzmann, Assistant Professor.....	B	8 100
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15. _____, Assistant Professor.....	B	7 300
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16. _____, Assistant Professor.....	B	6 500
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17. William L. Rowe, Instructor.....	D	6 000
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18. _____, Instructor.....	D	6 500
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19. 3.75 Full-time Equivalent Assistants.....	E	15 000
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Nonacademic Salaries

Total, Salaries.....	(175 245)
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Expense

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Equipment

.....	100
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Total, Wages, Expense, and Equipment.....	(3 365)
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Total, Philosophy.....	\$178 610
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Physiology

Account Number 00-32-60-100

1. C. Ladd Prosser, Professor and Head of Department...	ZA	\$ 16 500
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2. Robert E. Johnson, Professor.....	ZA33	5 950
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(Total Salary).....	(18 000)
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3. A. V. Nalbandov, Professor.....	ZAY
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4. Frederick Sargent II, Professor.....	ZA	10 800
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5. F. R. Steggerda, Professor.....	A	12 150
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6. A. B. Taylor, Professor.....	A	11 100
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7. Garth J. Thomas, Professor.....	ZAY50	7 700
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(Total Salary).....	(15 400)
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8. John D. Anderson, Associate Professor.....	A	10 450
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9. Howard S. Ducoff, Associate Professor.....	AY	11 550
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10. Clyde Manwell, Associate Professor.....	A	9 200
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11. Stanley G. Stolpe, Associate Professor.....	A	8 700
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12. _____, Associate Professor.....	A	8 700
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13. _____, Associate Professor.....	A	8 600
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14. Jack C. Cooley, Clinical Assistant Professor.....	B
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15. John Gorski, Assistant Professor.....	B	8 300
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16. Duane C. Sutfin, Assistant Professor.....	B	8 000
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17. G. C. Wickwire, Assistant Professor.....	B	6 850
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18. 11.50 Full-time Equivalent Assistants.....	E	47 050
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19. 1.50 Full-time Equivalent Research Assistants.....	DY	7 350
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Nonacademic Salaries	42 150
<i>Total, Salaries</i>	(241 100)
Wages.....	4 730
Expense	32 070
Equipment	7 000
<i>Total, Wages, Expense, and Equipment</i>	(43 800)
<i>Total, Physiology</i>	\$284 900

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G8795

Account Number 46-32-60-362

1. Toshio Nagai, Research Associate.....	DY	\$ 6 250
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Political Science

Account Number 00-32-63-100

1. C. B. Hagan, Professor.....	A}	\$ 13 400
Chairman of Department.....	B}	
2. Clarence A. Berdahl, Professor, <i>Emeritus</i>	R	.....
3. Royden Dangerfield, Professor.....	ZAY	.....
4. Murray J. Edelman, Professor.....	ZAY55	7 970
(Total Salary)		(14 500)
(Leave to be determined)		
5. Neil F. Garvey, Professor.....	ZAY25	3 000
(Total Salary)		(12 000)
6. Valentine Jobst III, Professor.....	A33	3 370
(Teaching two-thirds time first semester 1962-63)		
7. Charles M. Kneier, Professor.....	A	16 500
8. Edward G. Lewis, Professor.....	A	11 700
9. J. M. Mathews, Professor, <i>Emeritus</i>	R	.....
10. Phillip Monypenny, Professor.....	A	13 000
11. Jack W. Peltason, Professor.....	ZAY	.....
12. J. Austin Ranney, Professor.....	A	11 000
13. Robert E. Scott, Professor.....	A	12 300
14. C. F. Snider, Professor.....	A	14 800
15. Francis G. Wilson, Professor.....	A	14 900
16. Richard L. Butwell, Associate Professor.....	A	8 700
17. George Manner, Associate Professor.....	A	8 400
18. _____, Associate Professor.....	A	8 830
19. Thomas Page, Associate Professor.....	ZA33	3 030
(Total Salary)		(9 100)
20. Stuart S. Nagel, Assistant Professor.....	B	7 500
21. Jerry F. Hough, Assistant Professor.....	ZB	.....
22. Robert J. Pranger, Assistant Professor.....	B	7 200
(On leave without pay 1962-63)		
23. Denis G. Sullivan, Assistant Professor.....	B	7 200
24. Lloyd Jensen, Instructor.....	D	6 500
25. 3.40 Full-time Equivalent Assistants.....	E	13 700
Nonacademic Salaries		8 400
<i>Total, Salaries</i>		(201 400)
Wages.....		210
Expense		2 990
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(3 700)
<i>Total, Political Science</i>		\$205 100

Psychology

Account Number 00-32-66-100

1. Lloyd G. Humphreys, Professor and Head of Department.....	A	\$ 17 500
2. Jack A. Adams, Professor.....	A	11 800
3. Raymond B. Cattell, Research Professor.....	A	14 600
4. Lee J. Cronbach, Professor.....	ZAY	.....

5. Charles W. Eriksen, Professor.....	A	13 400
(On leave with one-half pay 1962-63)		
6. Thomas N. Ewing, Professor.....	ZAY	.....
7. Fred E. Fiedler, Professor.....	A	12 050
8. Nathaniel L. Gage, Professor.....	ZAY	.....
9. William M. Gilbert, Professor.....	ZAY	.....
10. G. Robert Grice, Professor.....	A	12 200
(On leave with pay second semester 1962-63)		
11. Coleman R. Griffith, Professor, <i>Emeritus</i>	ZR	.....
12. Harold W. Hake, Professor.....	A	12 400
13. Roy M. Hamlin, Professor.....	A17	1 800
14. Leo A. Hellmer, Professor.....	AY	13 000
15. Glenn D. Higginson, Professor, <i>Emeritus</i>	R	.....
16. J. M. Hunt, Professor.....	A	15 500
17. William E. Kappauf, Professor.....	A	14 100
18. Samuel A. Kirk, Professor.....	ZAY	.....
19. Lyle H. Lanier, Professor.....	ZAY	.....
20. O. Hobart Mowrer, Research Professor.....	A	15 800
21. Lawrence I. O'Kelly, Professor.....	A	15 000
22. Charles E. Osgood, Professor.....	ZAY27	4 820
(Total Salary)		(17 750)
23. Ivan D. Steiner, Professor.....	ZA50	5 750
(Total Salary)		(12 700)
24. Lawrence M. Stolurow, Professor.....	ZA50	5 800
(Total Salary)		(11 600)
(On leave with one-half pay 1962-63)		
25. Ledyard R. Tucker, Professor.....	A	15 200
26. Herbert Woodrow, Professor, <i>Emeritus</i>	R	.....
27. Paul T. Young, Professor, <i>Emeritus</i>	R	.....
28. Wesley C. Becker, Associate Professor.....	A	10 200
29. Josef B. Cohen, Associate Professor.....	A	9 150
30. Frank Costin, Associate Professor.....	ZA	.....
31. Robert G. Demaree, Associate Professor.....	ZAY	.....
32. Donelson E. Dulany, Jr., Associate Professor.....	A	9 550
(Leave to be determined)		
33. Jerry Hirsch, Associate Professor.....	A	9 550
34. Harry L. Jacobs, Associate Professor.....	A	8 800
35. Alice K. Jonietz, Associate Professor.....	ZAY	.....
36. Henry F. Kaiser, Associate Professor.....	ZAY	.....
37. Robert P. Larsen, Associate Professor.....	ZAY	.....
38. W. G. McAllister, Associate Professor.....	A	8 300
39. Donald R. Peterson, Associate Professor in charge of Psychological Clinic	A	10 500
40. Alan K. Rosenwald, Associate Professor.....	AY	.....
41. Harry C. Triandis, Associate Professor.....	ZAY55	6 325
(Total Salary)		(11 500)
42. ———, Associate Professor.....	A	9 000
43. Louis C. Ate, Jr., Assistant Professor.....	ZBY	.....
44. Joseph Becker, Assistant Professor.....	B	8 200
45. Martin E. Fishbein, Assistant Professor.....	ZB70	5 250
(Total Salary)		(7 500)
46. Raymond W. Frankmann, Assistant Professor.....	B	8 300
47. Charles L. Hulin, Assistant Professor.....	ZBY50	4 250
(Total Salary)		(8 500)
48. Joseph E. McGrath, Assistant Professor.....	B	8 700
49. Murray S. Miron, Assistant Professor.....	ZB33	2 700
(Total Salary)		(8 100)
50. Leigh M. Triandis, Assistant Professor.....	B	8 300
51. Morton Wagman, Assistant Professor.....	ZBY	.....
52. Morton W. Weir, Assistant Professor.....	B	7 950
53. ———, Assistant Professor.....	BY33	3 250
54. 12.00 Full-time Equivalent Assistants.....	E	51 055

Nonacademic Salaries	44 233
<i>Total, Salaries</i>	(434 283)
Wages	3 150
Expense	30 250
Equipment	5 000
<i>Total, Wages, Expense, and Equipment</i>	(38 400)
<i>Total, Psychology</i>	\$472 683

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE 2M5089

Account Number 46-32-66-166

1. David M. Jordan, Consulting Psychologist with rank of Associate Professor	D12	\$ 2 350
2. Perry London, Associate Professor	A	8 500
3. Donald T. Shannon, Associate Professor	A	8 300
4. Pauline B. Armstrong, Assistant Professor	DY	8 100
<i>Total, U.S. Public Health Service 2M5089</i>		\$ 27 250

U.S. PUBLIC HEALTH SERVICE M1206

Account Number 46-32-66-565

1. Harold J. Johnson, Research Associate	D	\$ 6 800
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U.S. PUBLIC HEALTH SERVICE M1733

Account Number 46-32-66-371

1. John D. Hundleby, Research Associate	DY	\$ 7 400
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Russian

Account Number 00-32-68-100

1. Ralph E. Matlaw, Associate Professor and Head of Department	A	\$ 13 500
2. Frances F. Sobotka, Associate Professor, <i>Emerita</i>	R	.....
3. Tatjana Cizevska, Assistant Professor	B	7 650
4. Kurt Klein, Assistant Professor	B	8 100
5. Temira Pachmuss, Assistant Professor	B	8 400
6. Victor Terras, Assistant Professor	B	7 650
7. _____, Assistant Professor	B	6 500
8. _____, Assistant Professor	B	7 400
9. Steven P. Hill, Instructor	D	6 200
10. Dilara Nikoulin, Instructor	D	6 500
11. _____, Instructor	D	6 600
12. _____, Instructor	D	6 000
13. 3.00 Full-time Equivalent Assistants	E	12 000
Nonacademic Salaries		4 380
<i>Total, Salaries</i>		(100 880)
Wages		100
Expense		2 325
Equipment		275
<i>Total, Wages, Expense, and Equipment</i>		(2 700)
<i>Total, Russian</i>		\$103 580

Sociology

Account Number 00-32-69-100

1. Louis Schneider, Professor and Head of Department	A	\$ 16 500
2. J. W. Albig, Professor, <i>Emeritus</i>	R	.....
3. Clinton L. Folse, Professor of Rural Sociology	ZAY	.....
4. Daniel Glaser, Professor	A	10 300
5. E. T. Hiller, Professor, <i>Emeritus</i>	R	.....
6. J. E. Hulett, Jr., Professor	A	12 300
7. D. E. Lindstrom, Professor of Rural Sociology	ZA	.....
8. Donald R. Taft, Professor, <i>Emeritus</i>	R	.....
9. E. A. Ahrens, Associate Professor	A	8 600
10. Bennett M. Berger, Associate Professor	A	8 700
11. Bernard Farber, Associate Professor	ZAY40	4 600
(Total Salary)		(11 500)

12. Mark G. Field, Associate Professor.....	ZA50	6 700
(Total Salary)		(13 400)
13. Joseph R. Gusfield, Associate Professor.....	A	10 000
(On leave with one-half pay 1962-63)		
14. Robert W. Janes, Associate Professor.....	A	9 800
15. Bernard Karsh, Associate Professor.....	ZAY25	3 165
(Total Salary)		(12 650)
(Teaching one-third time first and second semester 1962-63)		
16. Ernest H. Shideler, Associate Professor, <i>Emeritus</i>	R	.....
17. B. F. Timmons, Associate Professor, <i>Emeritus</i>	R	.....
18. John P. Clark, Assistant Professor.....	B	7 500
19. Kern W. Dickman, Assistant Professor.....	ZB33	3 370
(Total Salary)		(10 100)
20. Herbert Gamberg, Assistant Professor.....	ZBY	.....
21. Nason E. Hall, Jr., Assistant Professor.....	ZBY	.....
22. Herbert Hamilton, Assistant Professor.....	ZB25	1 800
(Total Salary)		(7 200)
23. Bernard M. Lazerwitz, Assistant Professor.....	B	8 900
24. Richard F. Tomasson, Assistant Professor.....	ZB33	2 500
(Total Salary)		(7 500)
25. _____, Assistant Professor.....	B	8 200
26. Norval D. Glenn, Instructor.....	D	6 800
27. Walter Phillips, Instructor	ZDY50	4 250
(Total Salary)		(8 500)
28. George A. Talbot III, Lecturer.....	ZD	.....
29. 5.75 Full-time Equivalent Assistants.....	E	23 350
Nonacademic Salaries		10 200
Total, Salaries		(167 535)
Wages.....		420
Expense		4 180
Equipment		500
Total, Wages, Expense, and Equipment.....		(5 100)
Total, Sociology		\$172 635

Spanish, Italian, and Portuguese

Account Number 00-32-72-100

1. W. H. Shoemaker, Professor of Spanish and Italian and Head of Department.....	A	\$ 16 000
2. J. H. D. Allen, Professor of Spanish and Portuguese... A		12 000
3. James O. Crosby, Professor of Spanish and Italian..... A		10 500
(On leave with one-half pay first semester 1962-63 and without pay second semester 1962-63)		
4. Arthur Hamilton, Professor, <i>Emeritus</i>	ZR	.....
5. Henry R. Kahane, Professor of Spanish and Linguistics A		14 000
(On leave with pay first semester 1962-63 and without pay second semester 1962-63)		
6. Luis Leal, Professor of Spanish.....	A	10 500
7. Marcos A. Morinigo, Professor of Spanish and Italian.. A		12 000
8. Joseph S. Flores, Associate Professor of Spanish.....	ZA83	8 540
(Total Salary)		(10 300)
9. Angelina Pietrangeli, Associate Professor of Spanish and Italian	ZA50	5 100
(Total Salary)		(10 200)
10. Merlin H. Forster, Assistant Professor of Spanish.....	B	7 500
11. Albertine W. Osgood, Assistant Professor, <i>Emerita</i> R		.....
12. Mitchell D. Triwedi, Assistant Professor of Spanish... D		6 800
13. S. W. Baldwin, Jr., Instructor of Spanish and Italian.. D		6 300
14. Lucille V. Braun, Instructor in Spanish.....	D	6 300
15. _____, Instructor in Spanish.....	D	6 500
16. Warren L. Meinhardt, Assistant in Spanish.....	D	5 800
17. Daniel P. Testa, Assistant in Spanish.....	D	6 100

18. 21.50 Full-time Equivalent Assistants.....	E	87 000
Nonacademic Salaries		6 690
<i>Total, Salaries</i>		(227 630)
Expense		4 400
Equipment		700
<i>Total, Wages, Expense, and Equipment</i>		(5 100)
<i>Total, Spanish, Italian, and Portuguese</i>		\$232 730

Speech and Theatre

Account Number 00-32-75-100

1. Karl R. Wallace, Professor of Speech and Head of Department	A	\$ 18 100
2. E. Thayer Curry, Professor of Speech.....	A	10 700
3. Halbert E. Gulley, Professor of Speech.....	A	10 500
4. Barnard W. Hewitt, Professor of Speech.....	A	13 000
(On leave with one-half pay 1962-63)		
5. Lee S. Hultzen, Professor of Speech.....	A	10 600
6. Henry L. Mueller, Professor of Speech.....	A	10 000
7. Richard Murphy, Professor of Speech.....	A	12 100
8. Raymond E. Nadeau, Professor of Speech.....	A	10 400
9. Severina E. Nelson, Professor of Speech.....	A	11 300
10. Marie H. Nichols, Professor of Speech.....	A	11 200
11. John J. O'Neill, Professor of Speech and Director of Speech and Hearing Clinics.....	ZAY80	12 100
(Total Salary)		(14 500)
12. W. M. Parrish, Professor, <i>Emeritus</i>	R	.....
13. Joseph W. Scott, Professor of Speech, Supervisor of Dramatic Productions, and Director of University Theatre.....	AY	12 250
14. John Wesley Swanson, Professor of Speech.....	A	11 300
15. _____, Professor of Speech.....	A	13 500
16. Clara M. Behringer, Associate Professor of Speech....	A	8 700
17. King W. Broadrick, Associate Professor of Speech....	A	9 100
18. Kenneth Burns, Associate Professor of Speech.....	ZA 45	3 825
(Total Salary)		(8 500)
19. Otto A. Dieter, Associate Professor of Speech.....	A	8 500
20. Karl A. Windesheim, Associate Professor of Speech....	A	9 000
21. Mary H. Arbenz, Assistant Professor of Speech.....	B	7 750
(On leave with pay second semester 1962-63)		
22. Ted J. Barnes, Assistant Professor of Speech.....	B	7 100
23. Delmond N. Bennett, Assistant Professor of Speech....	B	7 000
24. Vincent W. Byers, Assistant Professor of Speech.....	B	7 400
25. Naomi W. Hunter, Assistant Professor of Speech.....	B	6 600
26. Frances L. Johnson, Assistant Professor of Speech....	ZB50	3 500
(Total Salary)		(7 000)
27. Lawrence W. Olson, Assistant Professor of Speech....	B	7 800
28. Genevieve Richardson, Assistant Professor of Speech..	B	7 450
29. Marie O. Shere, Assistant Professor of Speech.....	B	7 200
30. Thomas O. Sloan, Assistant Professor of Speech.....	B	7 500
31. Webster L. Smalley, Assistant Professor of Speech....	ZB85	6 545
(Total Salary)		(7 700)
32. Bernhard R. Works, Assistant Professor of Speech....	B	7 200
33. Jane B. Archer, Instructor in Speech.....	D	5 150
34. Robert Noel Hall, Instructor in Speech.....	D	6 300
35. Harold A. Peterson, Instructor in Speech.....	D	5 800
36. Lloyd W. Welden, Jr., Instructor in Speech.....	D	7 000
37. Chester C. Long, Instructor in Speech.....	D	7 000
38. 17.60 Full-time Equivalent Assistants.....	E	70 590
39. 0.50 Full-time Equivalent Research Assistants.....	DY	2 450
40. 0.60 Full-time Equivalent Assistants Nonrecurring....	E	(2 500)
Nonacademic Salaries		35 600
<i>Total, Salaries</i>		(429 110)
Wages.....		1 790

Expense, General	12 510
Equipment	3 600
<i>Total, Wages, Expense, and Equipment</i>	(17 900)
<i>Total, Speech and Theatre</i>	\$447 010

Speech Revolving

Account Number 12-32-75-170

Expense	\$ 500
<i>Total, Speech Revolving</i>	\$ 500

Zoology

Account Number 00-32-79-100

1. James B. Kitzmiller, Professor.....	A)	\$ 15 300
Chairman of Department.....	B)	
2. L. A. Adams, Professor, <i>Emeritus</i>	R	.....
3. F. B. Adamstone, Professor.....	A	13 500
4. John O. Corliss, Professor.....	ZA	11 000
5. B. Vincent Hall, Professor.....	A	11 400
6. C. G. Hartman, Professor, <i>Emeritus</i>	R	.....
7. Donald F. Hoffmeister, Professor.....	ZAY	.....
8. Lester Ingle, Professor.....	A	11 700
(On leave with pay first semester 1962-63)		
9. S. Charles Kendeigh, Professor.....	ZA	14 250
10. Francis J. Kruidenier, Professor.....	ZA	11 000
11. R. R. Kudo, Professor, <i>Emeritus</i>	R	.....
12. Wilbur M. Luce, Professor.....	A	9 800
13. A. V. Nalbandov, Professor.....	ZAY	.....
14. David L. Nanney, Professor.....	A	14 050
15. C. Ladd Prosser, Professor.....	ZA	.....
16. V. E. Shelford, Professor, <i>Emeritus</i>	R	.....
17. Hobart M. Smith, Professor.....	A	13 500
18. Lyell J. Thomas, Professor, <i>Emeritus</i>	R	.....
19. Ray L. Watterson, Professor.....	A	16 400
20. Robert S. Bader, Associate Professor.....	A	9 100
21. Max R. Matteson, Associate Professor.....	A	9 000
22. Hurst H. Shoemaker, Associate Professor.....	A	8 200
23. George W. Barlow, Assistant Professor.....	B	7 600
24. Wesley J. Birge, Assistant Professor.....	B	8 000
25. Walter J. Bock, Assistant Professor.....	B	7 500
26. Michael J. Greenberg, Assistant Professor.....	B	7 250
27. John D. Roslansky, Assistant Professor.....	B	7 000
28. _____, Assistant Professor.....	B	7 000
29. Jacques Berger, Instructor.....	D	5 000
30. _____, Research Assistant.....	E	4 000
31. 17.50 Full-time Equivalent Assistants.....	E	70 000
32. 0.50 Full-time Equivalent Research Assistants.....	DY	2 450
Nonacademic Salaries		39 612
<i>Total, Salaries</i>		(333 612)
Wages.....		4 470
Expense		27 030
Equipment		12 000
<i>Total, Wages, Expense, and Equipment</i>		(43 500)
<i>Total, Zoology</i>		\$377 112

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE H2775

Account Number 46-32-79-367

1. Madeline A. Huffnagle, Research Assistant.....	DY	\$ 4 900
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Classical and European Culture Museum

Account Number 00-32-81-100

1. William P. Donovan, Curator.....	ZB50	\$ 3 500
(Total Salary)		(7 000)

2. Florence Fletcher, Curator, <i>Emerita</i>	R	.....
<i>Total, Salaries</i>		(3 500)
Wages.....		3 150
Expense		710
Equipment		750
<i>Total, Wages, Expense, and Equipment</i>		(4 610)
<i>Total, Classical and European Culture Museum</i>		\$ 8 110

COLLEGE OF PHYSICAL EDUCATION

General

	Salaries	Wages, Ex- pense, and Equipment	Total
<i>General Administration Offices</i>			
Division of Intramural Activities.....	\$ 32 500	\$27 750	\$ 60 250
Student Rehabilitation Center.....	59 820	25 550	85 370
<i>Total, General Administrative Offices</i>	(92 320)	(53 300)	(145 620)
<i>Instruction</i>			
Administration	46 630	21 100	67 730
Health and Safety Education.....	89 560	5 250	94 810
Physical Education for Men.....	317 470	31 170	348 640
Physical Education for Women	200 498	21 900	222 398
Recreation and Municipal Park Administration.....	96 410	5 600	102 010
<i>Total, Instruction</i>	(750 568)	(85 020)	(835 588)
<i>Total, General</i>	\$842 888	\$138 320	\$981 208

Restricted

	Salaries	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>			
Physical Education Revolving.....		\$ 1 000	\$ 1 000
Rehabilitation Transportation Revolving.....		9 000	9 000
Estimated Endowment Income		200	200
<i>Total, Instruction</i>		(10 200)	(10 200)
<i>Organized Research</i>			
Estimated Private Gifts.....	\$ 9 000	6 000	15 000
<i>Extension and Public Services</i>			
Family Camping Show Revolving.....		800	800
Recreation Service Revolving		3 000	3 000
<i>Total, Extension and Public Services</i>		(3 800)	(3 800)
<i>Total, Restricted</i>	\$ 9 000	\$20 000	\$ 29 000

Administration

Account Number 00-36-01-100		
1. King J. McCristal, Dean.....	ZBY	\$ 18 000
2. S. C. Staley, Dean and Professor, <i>Emeritus</i>	R	.....
3. H. E. Kenney, Manager of Facilities.....	ZDY25	3 940
(Total Salary)		(15 750)
4. A. B. Klingel, Supervisor of Swimming Programs.....	ZB38	3 950
(Total Salary)		(7 900)
5. Asbury C. Moore, Jr., Assistant Dean.....	ZDY75	7 300
(Total Salary)		(9 750)
Nonacademic Salaries		13 440
<i>Total, Salaries</i>		(46 630)
Wages.....		3 300
Expense		13 600
Contingent		2 000
Convention Travel		1 700
Nonrecurring Unassigned		1 000
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(21 100)
<i>Total, Administration</i>		\$ 67 730

Health and Safety Education

Account Number 00-36-05-100

1. Howard S. Hoyman, Professor of Health Education and Head of Department.....	A	\$ 15 950
2. W. H. Creswell, Jr., Professor of Health Education....	ZA75	8 625
(Total Salary)		(11 500)
3. A. E. Florio, Professor of Safety Education.....	A	13 750
4. George T. Stafford, Professor, <i>Emeritus</i>	R	.....
5. Floyd E. Boys, Associate Professor of Health Education AY (On leave with pay second semester 1962-63)	AY	14 900
6. Gertrude B. Couch, Associate Professor of Health Education	A	8 350
7. Warren J. Huffman, Associate Professor of Health Education	ZA75	7 800
(Total Salary)		(10 400)
8. Clyde A. Bridger, Lecturer in Health Education.....	E	.....
9. Isabelle M. Crawford, Lecturer in Health Education...	E	.....
10. E. L. Wittenborn, Jr., Lecturer in Health Education...	E	.....
11. Jobe L. Payne, Assistant in Health Education.....	E	5 750
12. 1.75 Full-time Equivalent Assistants.....	E	8 000
Nonacademic Salaries		6 435
Total, Salaries		(89 560)
Wages.....		1 000
Expense, General		3 750
Equipment		500
Total, Wages, Expense, and Equipment.....		(5 250)
Total, Health and Safety Education.....		\$ 94 810

Division of Intramural Activities

Account Number 00-36-07-000

1. David O. Matthews, Director of Intramural Activities..	ZDY	\$ 12 500
2. _____, Program Supervisor.....	DY	7 000
3. _____, Program Supervisor.....	DY50	3 000
4. 0.50 Full-time Equivalent Assistants.....	E	2 000
Nonacademic Salaries		8 000
Total, Salaries		(32 500)
Wages.....		14 350
Expense		10 400
Equipment		3 000
Total, Wages, Expense, and Equipment.....		(27 750)
Total, Division of Intramural Activities.....		\$ 60 250

Physical Education for Men

Account Number 00-36-10-100

1. C. O. Jackson, Professor and Head of Department....	A	\$ 14 900
2. T. K. Cureton, Jr., Professor.....	A	16 250
3. Alfred W. Hubbard, Professor.....	A	10 800
4. H. E. Kenney, Professor.....	ZAY75	11 810
5. King J. McCristal, Professor.....	ZAY	.....
6. Douglas R. Mills, Professor.....	AY13	2 900
(Also paid \$20,600 by Athletic Association)		
7. Raymond Eliot, Associate Professor.....	A13	2 800
(Also paid \$16,700 by Athletic Association)		
8. Peter R. Elliott, Associate Professor.....	A13	2 550
(Also paid \$16,950 by Athletic Association)		
9. Burton A. Ingwersen, Associate Professor.....	A25	2 500
(Also paid \$13,400 by Athletic Association)		
10. David O. Matthews, Associate Professor.....	ZAY	.....
11. Timothy J. Nugent, Associate Professor.....	ZAY	.....
12. R. E. Shelton, Associate Professor.....	AY	12 350
13. Alan J. Barry, Assistant Professor.....	B	8 550
14. Howard J. Braun, Assistant Professor.....	B50	4 000
(Also paid \$7,200 by Athletic Association)		

15. Melvin C. Brewer, Assistant Professor.....	B25	2 000
(Also paid \$13,500 by Athletic Association)		
16. Harry A. Combes, Assistant Professor.....	B20	1 900
(Also paid \$12,600 by Athletic Association)		
17. Lee P. Eilbracht, Assistant Professor.....	B25	2 300
(Also paid \$10,200 by Athletic Association)		
18. Ralph E. Fletcher, Assistant Professor.....	B50	4 650
(Also paid \$9,650 by Athletic Association)		
19. L. T. Johnson, Assistant Professor, <i>Emeritus</i>	R	.....
20. A. B. Klingel, Assistant Professor.....	ZB37	3 950
(Also paid \$3,700 by Athletic Association)		
21. Thomas F. Krizan, Assistant Professor.....	B	7 400
22. Asbury C. Moore, Jr., Assistant Professor.....	ZDY25	2 450
(Total Salary)		(9 750)
23. H. C. Paterson, Assistant Professor.....	B	8 600
24. Buel R. Patterson, Assistant Professor.....	B25	2 050
(Also paid \$7,850 by Athletic Association)		
25. Richard H. Pohndorf, Assistant Professor.....	B	8 900
26. Charles P. Pond, Assistant Professor.....	B75	6 200
(Also paid \$3,600 by Athletic Association)		
27. E. J. Manley, Associate, <i>Emeritus</i>	R	.....
28. Edward H. Heath, Instructor.....	ZD25	1 700
(Total Salary)		(6 800)
29. William L. Hottinger, Instructor.....	D	6 650
30. Roy J. Keller, Instructor.....	ZD65	3 770
(Total Salary)		(5 800)
31. Robert D. Leigh, Instructor.....	D	5 800
32. John T. Powell, Instructor.....	D	7 400
33. Eugene C. Stauber, Instructor.....	D25	1 950
(Also paid \$8,650 by Athletic Association)		
34. _____, Instructor	D50	2 450
35. _____, Instructor	D50	2 750
36. Linwood G. Bechtel, Assistant.....	E	5 400
37. Edward A. Gombos, Assistant.....	E	5 150
38. Bob D. Herndon, Assistant.....	E25	1 600
(Also paid \$6,200 by Athletic Association)		
39. Paul A. Mole, Assistant.....	E	5 300
40. Robert L. Nicolette, Assistant.....	E13	950
(Also paid \$6,950 by Athletic Association)		
41. William J. Penny, Assistant.....	E	5 000
42. Michael L. Pollock, Assistant.....	E	5 350
43. Carl R. Sloniger, Assistant.....	E	5 100
44. 12.50 Full-time Equivalent Assistants.....	E	52 500
45. 1.00 Full-time Equivalent Research Assistants.....	DY	6 300
46. Summer Sport Fitness.....	G	6 100
Nonacademic Salaries		46 440
<i>Total, Salaries</i>		(317 470)
Wages.....		3 770
Expense, General		24 800
Equipment		2 600
<i>Total, Wages, Expense, and Equipment</i>		(31 170)
<i>Total, Physical Education for Men</i>		\$348 640

Physical Education Revolving

Account Number 12-36-10-170

Expense	\$ 1 000
<i>Total, Physical Education Revolving</i>	\$ 1 000

Physical Education for Women

Account Number 00-36-20-100

1. Laura J. Huelster, Professor and Head of Department..	A	\$ 13 300
2. Louise Freer, Professor, <i>Emerita</i>	R	.....

3. Margaret Erlanger, Associate Professor.....	A	8 550
4. Ann E. Jewett, Associate Professor.....	ZA25	2 235
(Total Salary)		(8 950)
5. Carita Robertson, Associate Professor.....	A	10 000
6. Olive G. Young, Associate Professor.....	A	8 350
7. Beulah J. Drom, Assistant Professor.....	ZB90	7 065
(Total Salary)		(7 850)
8. Mary Florence Lawson, Assistant Professor, <i>Emerita</i> ..	R	.....
9. Joan Nessler, Assistant Professor.....	B	6 600
10. Enid Schnauber, Assistant Professor.....	ZB80	6 000
(Total Salary)		(7 500)
11. Willis W. Ward, Jr., Assistant Professor.....	B	6 500
12. Martha A. Aly, Instructor.....	D	6 000
13. Florence P. Cullen, Instructor.....	D	7 150
14. Helga Deutsch, Instructor.....	D	5 550
15. Marjorie M. Harris, Instructor.....	D	6 500
16. Annelis S. Jensen, Instructor.....	D	6 200
17. Helen J. Riley, Instructor.....	D	6 700
18. Mary H. Slaughter, Instructor.....	D	5 600
19. Marjorie A. Souder, Instructor.....	ZD80	5 200
(Total Salary)		(6 500)
20. Janis L. Stockman, Instructor.....	D	6 100
21. Alan R. Thomas, Instructor.....	ZD33	2 430
(Total Salary)		(7 300)
22. Sheila Van Beaumont, Instructor.....	D	5 600
23. Beverly D. Wilson, Instructor.....	D	5 800
24. _____, Instructor.....	D	5 200
25. _____, Instructor.....	D	6 800
26. 6.00 Full-time Equivalent Assistants.....	E	26 050
Nonacademic Salaries		25 018
<i>Total, Salaries</i>		(200 498)
Wages.....		3 100
Expense.....		16 300
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(21 900)
<i>Total, Physical Education for Women</i>		\$222 398

Recreation and Municipal Park Administration

Account Number 00-36-25-100

1. Charles K. Brightbill, Professor of Recreation and Head of Department	A	\$ 16 800
2. Allen V. Sabora, Professor.....	A	11 850
(On leave with pay second semester 1962-63)		
3. Maxwell R. Garret, Associate Professor.....	A75	6 150
(Also paid \$3,950 by Athletic Association)		
4. Howard E. Weaver, Associate Professor.....	A	9 100
5. Mary V. Frye, Instructor.....	D	7 100
6. Adah D. Parker, Instructor.....	D	6 700
7. Edward H. Storey, Instructor.....	DY	9 100
8. Rhodell E. Owens, Lecturer.....	G25	800
(First semester)		
9. Irene D. Pierson, Lecturer.....	ZDY	.....
10. 4.00 Full-time Equivalent Assistants.....	E	17 200
Nonacademic Salaries		11 610
<i>Total, Salaries</i>		(96 410)
Wages.....		600
Expense.....		4 500
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(5 600)
<i>Total, Recreation and Municipal Park Administration</i>		\$102 010

Recreation Service Revolving

Account Number 12-36-25-470

Expense	\$ 3 000
<i>Total, Recreation Service Revolving.....</i>	<i>\$ 3 000</i>

Family Camping Show Revolving

Account Number 12-36-25-427

Expense	\$ 800
<i>Total, Family Camping Show Revolving.....</i>	<i>\$ 800</i>

Student Rehabilitation Center

Account Number 00-36-30-000

1. Timothy J. Nugent, Director.....	ZBY	\$ 11 400
2. Charles D. Elmer, Assistant Professor of Physical Education for Men.....	BY	8 150
3. Kenneth S. Clarke, Supervisor of Special Services with rank of Instructor.....	DY	7 250
4. _____, Instructor in Physical Education for Men.....	DY	6 500
5. 2.00 Full-time Equivalent Assistants.....	E	9 000
Nonacademic Salaries		17 520
<i>Total, Salaries</i>		<i>(59 820)</i>
Wages.....		15 200
Expense		9 950
Equipment		400
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(25 550)</i>
<i>Total, Student Rehabilitation Center.....</i>		<i>\$ 85 370</i>

Rehabilitation Transportation Revolving

Account Number 12-36-30-172

Expense	\$ 9 000
<i>Total, Rehabilitation Transportation Revolving.....</i>	<i>\$ 9 000</i>

State of Illinois Division of Vocational Rehabilitation — Extension and Improvement Rehabilitation Center

Account Number 47-36-30-118

1. Gilbert L. Fink, Supervisor of Special and Occupational Therapy with rank of Instructor in Physical Education for Men	DY	\$ 7 000
<i>Total, State of Illinois Division of Vocational Rehabilitation — Extension and Improvement Rehabilitation Center</i>		<i>\$ 7 000</i>

DIVISION OF UNIVERSITY EXTENSION**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Correspondence Courses.....	\$ 28 830	\$ 33 200	\$ 62 030
<i>Extension and Public Services</i>			
Administration.....	80 920	11 360	92 280
Conference Programs.....	60 271	4 500	64 771
Programs in Education.....		4 000	4 000
Extramural Classes.....	82 575	288 100	370 675
Nonacademic Personnel Classes.....		4 620	4 620
Field Staff.....	44 650	12 000	56 650
Music Extension.....	64 060	11 800	75 860
Youth Speech.....	5 026	1 650	6 676
Audio-Visual Aids.....	15 500	7 900	23 400
<i>Total, Extension and Public Services.....</i>	<i>(353 002)</i>	<i>(345 930)</i>	<i>(698 932)</i>
<i>Total, General.....</i>	<i>\$381 832</i>	<i>\$379 130</i>	<i>\$760 962</i>

	Restricted	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Estimated United States Contracts.....	\$ 1 700	\$ 1 700	\$ 3 400
<i>Extension and Public Services</i>			
Short Courses and Conferences Revolving.....	10 470	215 500	225 970
Police Training Institute.....	32 400	17 600	50 000
Extramural Classes Revolving.....	3 570	40 000	43 570
Music Revolving.....		80 000	80 000
Summer Speech Workshop Revolving.....		2 100	2 100
Visual Aids Revolving.....	65 790	198 000	263 790
Estimated Endowment Income.....		2 000	2 000
<i>Total, Extension and Public Services</i>	(112 230)	(555 200)	(667 430)
<i>Auxiliary Enterprises</i>			
Allerton House Operations.....	55 380	91 000	146 380
<i>Total, Restricted</i>	\$169 310	\$647 900	\$817 210

Administration

Account Number 00-40-01-400			
1. Stanley C. Robinson, Dean.....	ZBY	\$ 17 000	
2. Gerald C. Carter, Assistant Dean.....	BY }		14 450
Professor of Psychology.....	AY }		
3. William D. Kerr, Head of Extension Counseling and Assistant Professor of Psychology.....	BY	8 350	
4. Helen Farlow, Editor of Information Service.....	DY	9 600	
Nonacademic Salaries.....		31 520	
<i>Total, Salaries</i>		(80 920)	
Wages.....		2 160	
Expense.....		6 500	
Convention Travel.....		700	
Nonrecurring Unassigned.....		(1 000)	
Equipment.....		2 000	
<i>Total, Wages, Expense, and Equipment</i>		(11 360)	
<i>Total, Administration</i>		\$ 92 280	

Correspondence Courses

Account Number 00-40-10-100			
1. Neil F. Garvey, Director.....	ZBY75	\$ 9 000	
(Total Salary).....		(12 000)	
Nonacademic Salaries.....		19 830	
<i>Total, Salaries</i>		(28 830)	
Wages.....		26 400	
Expense.....		6 050	
Equipment.....		750	
<i>Total, Wages, Expense, and Equipment</i>		(33 200)	
<i>Total, Correspondence Courses</i>		\$ 62 030	

Cooperative Investigations

STATE OF ILLINOIS—PUBLIC SAFETY AND FIRE PREVENTION

Account Number 47-40-15-426

1. R. K. Newton, Head of Firemanship Training.....	ZBY50	\$ 5 575	
(Total Salary).....		(11 150)	
2. _____, Extension Specialist.....	DY	8 200	
3. Willford J. Eckert, Extension Specialist.....	DY	7 700	
4. Joseph I. Feters, Extension Specialist.....	DY	10 900	
<i>Total, State of Illinois—Public Safety and Fire Pre- vention</i>		\$ 32 375	

Conference Programs

Account Number 00-40-20-400

1. Norman W. Johnson, Director of Short Courses and Conferences.....	ZBY }	\$ 14 500	
Professor of Adult Education.....	AY }		

2. R. K. Newton, Head of Engineering Extension with rank of Associate Professor.....	ZBY50	5 575
(Total Salary)		(11 150)
3. Hugh M. Davison, Extension Specialist.....	ZDY88	8 030
(Total Salary)		(9 200)
4. Romaine C. Wicklund, Extension Specialist.....	DY	7 800
Nonacademic Salaries		24 366
<i>Total, Salaries</i>		(60 271)
Wages		1 100
Expense		2 400
Expense, Programs in Education.....		4 000
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(8 500)
<i>Total, Conference Programs</i>		\$ 68 771

Short Courses and Conferences Revolving

Account Number 12-40-20-470

Nonacademic Salaries	\$ 10 470
<i>Total, Salaries</i>	(10 470)
Wages.....	35 000
Expense	180 000
Equipment	500
<i>Total, Wages, Expense, and Equipment</i>	(215 500)
<i>Total, Short Courses and Conferences Revolving</i>	\$225 970

Auxiliary — Allerton House Operation

Account Number 18-40-20-784

1. Norman W. Johnson, Director of Robert Allerton House	ZBY	.....
Nonacademic Salaries		\$ 55 380
<i>Total, Salaries</i>		(55 380)
Wages.....		16 000
Expense		67 500
Equipment		7 500
<i>Total, Wages, Expense, and Equipment</i>		(91 000)
<i>Total, Auxiliary — Allerton House Operation</i>		\$146 380

Police Training Institute

Account Number 03-40-22-400

1. Ervin H. Warren, Director.....	BY	\$ 11 800
2. Charles R. Taylor, Assistant Professor.....	BY	8 400
3. John F. Schaich, Instructor.....	DY	7 850
4. Hugh M. Davison, Extension Specialist.....	ZDY12	1 170
(Total Salary)		(9 200)
Nonacademic Salaries		3 180
<i>Total, Salaries</i>		(32 400)
Wages		1 788
Expense		15 000
Equipment		812
<i>Total, Wages, Expense, and Equipment</i>		(17 600)
<i>Total, Police Training Institute</i>		\$ 50 000

Extramural Classes

Account Number 00-40-30-400

1. Scott B. York, Director of Extramural Classes with rank of Associate Professor.....	BY	\$ 12 300
2. W. H. Creswell, Jr., Professor of Health and Safety Education.....	ZA25	2 875
(Total Salary)		(11 500)
3. Herman Erickson, Professor of Labor and Industrial Relations	ZAY50	6 575
(Total Salary)		(13 150)

4. Homer L. Gammill, Professor of Industrial Psychology	ZAY50	6 325
(Total Salary)		(12 650)
5. Phillips L. Garman, Professor of Labor and Industrial Relations	ZAY25	4 075
(Total Salary)		(16 300)
6. John F. Humes, Professor, <i>Emeritus</i>	ZR	.....
7. Richard R. Marsh, Professor of Food Technology	ZAY33	4 020
(Total Salary)		(12 050)
(On leave with pay six months from February 1, 1963)		
8. Earl C. Wolfe, Professor of Labor and Industrial Relations	ZAY50	6 850
(Total Salary)		(13 700)
9. Warren J. Huffman, Associate Professor of Health Education	ZA25	2 600
(Total Salary)		(10 400)
10. Milferd Lieberthal, Assistant Professor of Labor and Industrial Relations	ZBY50	4 900
(Total Salary)		(9 900)
11. Jimmy W. Seyler, Assistant Professor of Civil Engineering	ZBY50	5 375
(Total Salary)		(10 750)
12. Howard E. Trier, Assistant Professor of Psychology ..	ZDY50	5 200
(Total Salary)		(10 400)
13. Susan B. Lindsey, Instructor in Library Science	D50	3 150
14. Robert L. Johnston, Extension Specialist	DY	10 350
Nonacademic Salaries		7 980
<i>Total, Salaries</i>		(82 575)
Wages		191 350
Wages, Nonacademic Courses		4 620
Expense		92 050
Equipment		4 700
<i>Total, Wages, Expense, and Equipment</i>		(292 720)
<i>Total, Extramural Classes</i>		\$375 295

Extramural Classes Revolving

Account Number 12-40-30-470	
Nonacademic Salaries	\$ 3 570
<i>Total, Salaries</i>	(3 570)
Wages	25 000
Expense	15 000
<i>Total, Wages, Expense, and Equipment</i>	(40 000)
<i>Total, Extramural Classes Revolving</i>	\$ 43 570

Field Staff

Account Number 00-40-40-400		
1. Walter V. Brown, Extension Specialist.....	DY	\$ 10 100
2. Arthur I. Proteau, Extension Specialist.....	DY	10 400
3. Fred W. Steuernagel, Extension Specialist.....	DY	9 150
4. _____, Extension Specialist.....	DY	7 500
Nonacademic Salaries		7 500
<i>Total, Salaries</i>		(44 650)
Expense		11 500
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(12 000)
<i>Total, Field Staff</i>		<u>\$ 56 650</u>

Music

Music			
Account Number 00-40-50-400			
1. Daniel J. Perrino, Head of Music.....	ZDY	\$	9 450
2. _____, Assistant to Head of Music.....	ZBY		9 000
3. Gilbert R. Waller, Professor of Music.....	ZA50		5 300
(Total Salary)			(10 600)

4. Arthur L. Johnson, Instructor in Music.....	ZDY	8 200
5. Robert L. Schaefer, Extension Specialist.....	DY	8 320
6. Summer Academic Salaries.....		17 400
Nonacademic Salaries		6 390
<i>Total, Salaries</i>		(64 060)
Wages.....		1 150
Expense		9 150
Equipment		1 500
<i>Total, Wages, Expense, and Equipment</i>		(11 800)
<i>Total, Music</i>		\$ 75 860

Music Revolving

Account Number 12-40-50-470

Expense	\$ 80 000
<i>Total, Music Revolving</i>	\$ 80 000

Youth Speech

Account Number 00-40-55-400

1. Academic Salaries	G	\$ 5 026
Expense		1 650
<i>Total, Youth Speech</i>		\$ 6 676

Summer Speech Workshop Revolving

Account Number 12-40-55-478

Expense	\$ 2 100
<i>Total, Summer Speech Workshop Revolving</i>	\$ 2 100

Audio-Visual Aids

Account Number 00-40-60-400

1. Thomas H. Boardman, Head of Audio-Visual Aids with rank of Assistant Professor.....	BY	\$ 10 850
Nonacademic Salaries		4 650
<i>Total, Salaries</i>		(15 500)
Expense		3 900
Equipment		4 000
<i>Total, Wages, Expense, and Equipment</i>		(7 900)
<i>Total, Audio-Visual Aids</i>		\$ 23 400

Visual Aids Revolving

Account Number 12-40-60-470

Nonacademic Salaries	\$ 65 790
<i>Total, Salaries</i>	(65 790)
Wages.....	10 000
Expense	173 000
Equipment	15 000
<i>Total, Wages, Expense, and Equipment</i>	(198 000)
<i>Total, Visual Aids Revolving</i>	\$263 790

COLLEGE OF VETERINARY MEDICINE

	General	Wages, Expense, and Equipment	Total
<i>Instruction</i>			
Administration.....	\$171 511	\$ 18 420	\$189 931
Contingent.....		3 000	3 000
Veterinary Anatomy and Histology.....	41 915	3 300	45 215
Veterinary Clinical Medicine.....	125 565	8 500	134 065
Veterinary Pathology and Hygiene.....	144 780	12 500	157 280
Veterinary Physiology and Pharmacology.....	50 210	4 000	54 210
<i>Total, Instruction</i>	(533 981)	(49 720)	(583 701)
<i>Organized Research</i>			
Center for Zoonoses Research.....	13 500	8 040	21 540
<i>Total, General</i>	\$547 481	\$57 760	\$605 241

Restricted		Wages, Ex- pense, and Equipment	Total
Instruction	Salaries		
Estimated United States Contracts.....		\$14 500	\$ 14 500
<i>Organized Activities Relating to Instruction</i>			
Veterinary Clinic Revolving.....	\$ 14 250	58 000	72 250
<i>Organized Research</i>			
Estimated United States Contracts.....	70 000	60 000	130 000
Estimated Private Gifts.....	6 000	2 000	8 000
Estimated State Contracts.....	2 400	100	2 500
<i>Total, Organized Research</i>	(78 400)	(62 100)	(140 500)
<i>Extension and Public Services</i>			
Estimated Private Gifts.....	4 500	1 500	6 000
<i>Total, Restricted</i>	\$ 97 150	\$136 100	\$233 250

Administration

Account Number 00-44-01-100			
1. C. A. Brandly, Professor and Dean.....	ZBY75	\$ 16 500	
(Total Salary)		(22 000)	
2. Robert Graham, Professor and Dean, <i>Emeritus</i>	R		
3. Loyd E. Boley, Assistant Dean.....	ZBY		
4. H. W. Hannah, Professor of Veterinary Medical Law..	ZA50	7 500	
(Total Salary)		(15 000)	
(On leave without pay three months from September 1, 1962)			
5. 0.50 Full-time Equivalent Assistant Editor.....	DY	3 340	
Nonacademic Salaries		144 171	
<i>Total, Salaries</i>		(171 511)	
Wages.....		2 820	
Expense		12 800	
Contingent.....		3 000	
Convention Travel		800	
Nonrecurring Unassigned		(1 000)	
Equipment		2 000	
<i>Total, Wages, Expense, and Equipment</i>		(21 420)	
<i>Total, Administration</i>		\$192 931	

Veterinary Anatomy and Histology

Account Number 00-44-10-100			
1. L. E. St. Clair, Professor and Head of Department....	ZAY75	\$ 11 025	
(Total Salary)		(14 700)	
2. Ray D. Hatch, Professor.....	ZAY		
3. A. H. Safanie, Assistant Professor.....	ZBY90	9 890	
(Total Salary)		(11 000)	
4. E. Travis Littledike, Instructor.....	ZDY		
5. Richard A. Notzold, Instructor.....	DY	7 700	
6. John E. Schmidt, Instructor.....	DY	7 300	
7. Diane K. Normandin, Instructor.....	D	6 000	
<i>Total, Salaries</i>		(41 915)	
Expense		2 300	
Equipment		1 000	
<i>Total, Wages, Expense, and Equipment</i>		(3 300)	
<i>Total, Veterinary Anatomy and Histology</i>		\$ 45 215	

Veterinary Clinical Medicine

Account Number 00-44-20-100			
1. Loyd E. Boley, Professor and Head of Department....	ZAY	\$ 18 400	
2. Harry Jr. Hardenbrook, Professor.....	ZAY	13 200	
3. Ray D. Hatch, Professor.....	ZAY	13 200	
4. Dragutin Maksic, Associate Professor.....	AY	10 000	
5. Alfred G. Schiller, Associate Professor.....	AY	12 900	
6. Bruce Brodie, Assistant Professor.....	BY	9 900	

7. James G. Eagelman, Assistant Professor.....	BY	9 500
8. Lloyd C. Helper, Assistant Professor.....	ZBY70	5 885
(Total Salary)		(8 400)
9. John P. Manning, Assistant Professor.....	BY	9 900
10. Thomas N. Phillips, Assistant Professor.....	BY	9 300
11. Erwin Small, Instructor.....	DY	8 200
12. _____, Instructor	DY70	5 180
<i>Total, Salaries</i>		(125 565)
Expense		6 000
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(8 500)
<i>Total, Veterinary Clinical Medicine</i>		\$134 065

Veterinary Clinic Revolving

Account Number 12-44-20-270

Nonacademic Salaries	\$ 14 250
Expense	58 000
<i>Total, Veterinary Clinic Revolving</i>	\$ 72 250

Veterinary Pathology and Hygiene

Account Number 00-44-30-100

1. J. O. Alberts, Professor and Head of Department.....	ZAY65	\$ 11 310
(Total Salary)		(17 400)
2. Paul D. Beamer, Professor.....	ZAY75	10 200
(Total Salary)		(13 600)
(Transferred to Trust)		
3. Loyd E. Boley, Professor.....	ZAY	.....
4. C. A. Brandly, Professor of Veterinary Microbiology and Public Health.....	ZAY	.....
5. Lyle E. Hanson, Professor.....	ZAY15	2 085
(Total Salary)		(13 900)
6. Norman D. Levine, Professor of Veterinary Parasitology	ZAY65	10 195
(Total Salary)		(15 700)
7. Manford E. Mansfield, Professor of Veterinary Extension.....	ZAY	.....
8. Miodrag Ristic, Professor.....	ZAY	15 500
9. Diego Segre, Professor of Veterinary Microbiology and Public Health	ZA65	7 610
(Total Salary)		(11 700)
10. Joseph Simon, Professor.....	ZAY75	(10 200)
(Total Salary)		(13 600)
(Paid from item 2)		
11. Deam H. Ferris, Associate Professor.....	ZAY	14 300
12. William C. Marquardt, Associate Professor.....	ZA53	5 000
(Total Salary)		(9 500)
13. Jesse R. Pickard, Associate Professor of Veterinary Extension	ZAY40	4 920
(Total Salary)		(12 300)
14. Adolf M. Watrach, Associate Professor.....	AY	11 250
15. George T. Woods, Associate Professor of Veterinary Microbiology and Public Health.....	ZAY40	5 000
(Total Salary)		(12 500)
16. Harry E. Rhoades, Assistant Professor.....	BY	9 700
17. _____, Assistant Professor.....	BY	9 000
18. Thomas E. Fritz, Instructor.....	ZDY80	6 500
(Total Salary)		(8 200)
(On leave without pay to January 31, 1963)		
19. Virginia Ivens, Instructor.....	DY	6 500
20. Raymond E. Olsen, Instructor.....	DY	8 000
21. John K. Winkler, Instructor.....	ZDY	.....
22. Marion E. Compton, Assistant.....	DY	5 000
23. 0.50 Full-time Equivalent Assistants.....	DY	2 710
<i>Total, Salaries</i>		(144 780)

Expense	10 000
Equipment	2 500
<i>Total, Wages, Expense, and Equipment</i>	(12 500)
<i>Total, Veterinary Pathology and Hygiene</i>	\$157 280

Cooperative Investigations

U.S. N.O.N.R. 1834 37

Account Number 46-44-30-358

1. Walter L. Myers, Assistant Professor.....	ZBY67	\$ 6 000
(Total Salary)		(9 000)

U.S. PUBLIC HEALTH SERVICE E790

Account Number 46-44-30-360

1. William C. Marquardt, Associate Professor.....	ZA27	\$ 2 500
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U.S. PUBLIC HEALTH SERVICE H5871

Account Number 46-44-30-362

1. Dennis K. Mann, Research Associate.....	DY	\$ 8 400
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U.S. PUBLIC HEALTH SERVICE 2G239

Account Number 46-44-30-367

1. A. Robert Twardock, Assistant Professor.....	ZBY90	\$ 9 000
(Total Salary)		(10 000)
2. Jo Anne L. Weaver, Assistant.....	DY	4 900
<i>Total, U.S. Public Health Service 2G239</i>		\$ 13 900

U.S. PUBLIC HEALTH SERVICE E3077

Account Number 46-44-30-371

1. James R. Reilly, Instructor.....	DY60	\$ 4 300
2. Richard D. Andrews, Assistant.....	DY	6 000
<i>Total, U.S. Public Health Service E3077</i>		\$ 10 300

U.S. PUBLIC HEALTH SERVICE E3615

Account Number 46-44-30-372

1. Walter L. Myers, Assistant Professor.....	ZBY33	\$ 3 000
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U.S. PUBLIC HEALTH SERVICE E2087

Account Number 46-44-30-363

1. Marilyn Wingard, Assistant.....	DY	\$ 5 100
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U.S. PUBLIC HEALTH SERVICE E3314

Account Number 46-44-30-368

1. Jutta L. Oppermann, Assistant.....	DY	\$ 5 100
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Veterinary Physiology and Pharmacology

Account Number 00-44-40-100

1. Roger P. Link, Professor and Head of Department.....	ZBY75	\$ 11 625
(Total Salary)		(15 500)
2. Harry Jr. Hardenbrook, Professor.....	ZAY	.....
3. Elwood F. Reber, Professor.....	ZAY29	3 770
(Total Salary)		(13 000)
4. Jesse Sampson, Professor, <i>Emeritus</i>	R	.....
5. _____, Professor	BY90	11 465
6. _____, Associate Professor.....	ZDY55	6 570
7. William G. Huber, Assistant Professor.....	ZBY80	9 280
(Total Salary)		(11 600)
8. A. Robert Twardock, Assistant Professor.....	ZBY10	1 000
(Total Salary)		(10 000)
9. Michel G. Cote, Instructor.....	ZDY	.....
10. Om P. Malhotra, Instructor.....	DY	6 500
<i>Total, Salaries</i>		(50 210)
Expense		3 000
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(4 000)
<i>Total, Veterinary Physiology and Pharmacology</i>		\$ 54 210

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE 4756

Account Number 46-44-40-365

1. John P. Rosborough, Instructor.....	DY66	\$ 5 100
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Center for Zoonoses Research

Account Number 00-44-80-300

1. C. A. Brandly, Director.....	ZBY
2. Leroy D. Fothergill, Associate Director and Professor of Epidemiology	BY40	\$ 5 600
3. _____, Professor of Zoonoses Research.....	AY60	7 900
4. J. O. Alberts, Senior Staff.....	ZAY	.....
5. Loyd E. Boley, Senior Staff.....	ZAY	.....
6. Elmer W. Cavins, Senior Staff.....	ZAY	.....
7. Deam H. Ferris, Senior Staff.....	ZAY	.....
8. H. W. Hannah, Senior Staff.....	ZA	.....
9. Lyle E. Hanson, Senior Staff.....	ZAY	.....
10. William R. Horsfall, Senior Staff.....	ZA	.....
11. S. Charles Kendeigh, Senior Staff.....	ZA	.....
12. Francis J. Kruidenier, Senior Staff.....	ZA	.....
13. Norman D. Levine, Senior Staff.....	ZAY	.....
14. Harlow B. Mills, Senior Staff.....	AY	.....
15. Willard O. Nelson, Senior Staff.....	ZAY	.....
16. Miodrag Ristic, Senior Staff.....	ZAY	.....
17. Frederick Sargent II, Senior Staff.....	ZA	.....
18. Thomas G. Scott, Senior Staff.....	AY	.....
19. Diego Segre, Senior Staff.....	ZA	.....
20. Dimitri B. Shimkin, Senior Staff.....	ZA	.....
21. Francis R. Watson, Associate Staff.....	ZDY	.....
22. George T. Woods, Senior Staff.....	ZAY	.....
<i>Total, Salaries</i>		(13 500)
Expense		8 040
<i>Total, Center for Zoonoses Research.....</i>		\$ 21 540

Indirect Costs — Center for Zoonoses Research

Account Number 40-44-80-300

1. Franklin D. Yoder, Professor of Public Health.....	FY25	\$ 5 000
(Effective January 1, 1962, to June 30, 1963)		
<i>Total, Indirect Costs — Center for Zoonoses Research</i>		\$ 5 000

ARMED FORCES**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Coordinator		\$ 2 200	\$ 2 200
Air Force Science	\$10 620	2 560	13 180
Military Science	10 800	4 150	14 950
Naval Science	4 620	2 150	6 770
<i>Total, General.....</i>	\$26 040	\$11 060	\$37 100

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Air Force Uniform Improvements Revolving.....		\$ 1 200	\$ 1 200
Army R.O.T.C. Improvements Revolving.....		700	700
<i>Total, Restricted.....</i>		\$ 1 900	\$ 1 900

Coordinator

Account Number 00-50-01-100

1. Lyle H. Lanier, Coordinator of Armed Forces.....	ZBY	.....
Expense		\$ 2 000
Equipment		200
<i>Total, Coordinator</i>		\$ 2 200

Air Force Science

Account Number 00-50-10-100

1. Leonard J. Rohrs, Professor and Head of Department..	AY	.....
2. Loren E. Decker, Administrative Officer.....	DY10	\$ 600
Nonacademic Salaries		10 020
<i>Total, Salaries</i>		(10 620)
Wages.....		160
Expense		1 950
Equipment		450
<i>Total, Wages, Expense, and Equipment</i>		(2 560)
<i>Total, Air Force Science</i>		<u>\$ 13 180</u>

Air Force Uniform Improvements Revolving

Account Number 12-50-10-186

Expense	\$ 1 200
<i>Total, Air Force Uniform Improvements Revolving...</i>	<u>\$ 1 200</u>

Military Science

Account Number 00-50-30-100

1. Clair M. Worthy, Professor and Head of Department..	AY	.....
2. Myron D. Snoko, Adjutant, R.O.T.C.....	DY10	\$ 600
Nonacademic Salaries		10 200
<i>Total, Salaries</i>		(10 800)
Wages.....		100
Expense		3 450
Equipment		600
<i>Total, Wages, Expense, and Equipment</i>		(4 150)
<i>Total, Military Science</i>		<u>\$ 14 950</u>

Army R.O.T.C. Improvements Revolving

Account Number 12-50-30-188

Expense	\$ 700
<i>Total, Army R.O.T.C. Improvements Revolving.....</i>	<u>\$ 700</u>

Naval Science

Account Number 00-50-40-100

1. John L. Nielsen, Professor and Head of Department...	AY	.....
2. John L. Nuttal, Executive Officer.....	DY10	\$ 600
Nonacademic Salaries		4 020
<i>Total, Salaries</i>		(4 620)
Expense		1 850
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		(2 150)
<i>Total, Naval Science</i>		<u>\$ 6 770</u>

INSTITUTE OF AVIATION**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Institute of Aviation	\$378 035	\$ 90 595	\$468 630
<i>Total, General</i>	<u>\$378 035</u>	<u>\$ 90 595</u>	<u>\$468 630</u>

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Estimated Indirect Costs	\$ 3 000	\$ 5 000	\$ 8 000
<i>Organized Activities Relating to Instruction</i>			
Airport Revolving.....	71 980	268 000	339 980

Restricted (Concluded)

	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Airplane Replacements Revolving.....		40 000	40 000
Estimated Private Gifts.....		1 500	1 500
<i>Total, Organized Activities Relating to Instruction.....</i>	<i>(71 980)</i>	<i>(309 500)</i>	<i>(381 480)</i>
<i>Total, Restricted.....</i>	<i>\$ 74 980</i>	<i>\$314 500</i>	<i>\$389 480</i>

Institute of Aviation

Account Number 00-52-10-100		
1. Leslie A. Bryan, Director.....	ZBY	\$ 20 750
2. Jesse W. Stonecipher, Chief Flight Instructor.....	DY	13 700
3. Robert L. Ayers, Assistant Chief Flight Instructor.....	DY	11 550
4. Kermit B. Anderson, Instructor.....	DY	10 000
5. Lester B. Applegate, Instructor.....	DY	10 000
6. Thomas H. Bailey, Instructor.....	DY	8 350
7. Omer Benn, Instructor.....	DY	10 600
8. Robert C. Brown, Instructor.....	DY	7 500
9. Donald R. Chalus, Instructor.....	DY	9 200
10. Thomas H. Gordon, Instructor.....	DY	9 800
11. Eugene L. Haak, Instructor.....	DY	12 050
12. Herman W. Linder, Instructor.....	DY	7 800
13. John Richard Mylin, Instructor.....	DY	9 650
14. Cyrus Rohrer, Jr., Instructor.....	ZDY50	4 550
(Total Salary).....		(9 100)
15. Thomas R. Titus, Instructor.....	DY	8 000
16. William D. Trulock, Instructor.....	DY	9 700
17. George J. Wilson, Instructor.....	DY	9 400
18. _____, Instructor.....	DY	8 600
19. Walter E. Ditzler, Supervisor of Aircraft Maintenance Curriculum.....	DY	13 300
20. Nelwin C. Grimm, Supervising Engineer.....	DY	13 600
21. 0.50 Full-time Equivalent Assistants.....	DY	4 100
Nonacademic Salaries.....		165 835
<i>Total, Salaries.....</i>		<i>(378 035)</i>
Wages.....		62 445
Expense.....		18 100
Convention Travel.....		50
Equipment.....		10 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(90 595)</i>
<i>Total, Institute of Aviation.....</i>		<i>\$468 630</i>

Airport Revolving

Account Number 12-52-10-270		
1. Frederick D. Scheyer, Instructor.....	DY	\$ 6 000
2. 6.00 Full-time Equivalent Assistants.....	E	30 000
Nonacademic Salaries.....		35 980
<i>Total, Salaries.....</i>		<i>(71 980)</i>
Wages.....		33 000
Expense.....		235 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(268 000)</i>
<i>Total, Airport Revolving.....</i>		<i>\$339 980</i>

Airplane Replacements Revolving

Account Number 12-52-10-272		
Equipment.....		\$ 40 000
<i>Total, Airplane Replacements Revolving.....</i>		<i>\$ 40 000</i>

Cooperative InvestigationSTATE SUPERINTENDENT OF PUBLIC INSTRUCTION —
AVIATION ELECTRONIC TECHNIQUES

Account Number 47-52-10-182

1. Cyrus Rohrer, Jr., Instructor..... ZDY50 \$ 4 550

INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS

Account Number 00-56-10-300

1. Gilbert Y. Steiner, Director.....	BY}	
Professor.....	AY}	\$ 17 000
2. Samuel K. Gove, Professor.....	AY	12 950
3. James G. Coke, Associate Professor.....	ZAY	.....
4. Glenn W. Fisher, Associate Professor.....	AY	11 500
5. Thomas Page, Associate Professor.....	ZA67	6 070
(Total Salary)		(9 100)
6. Thomas J. Anton, Assistant Professor.....	B	7 600
7. Daniel J. Elazar, Assistant Professor.....	BY	8 600
8. James B. Holderman, Assistant Professor.....	B	6 600
9. 0.60 Full-time Equivalent Research Assistants.....	E	2 400
Nonacademic Salaries		10 650
Total, Salaries		(83 370)
Wages.....		530
Expense		9 550
Convention Travel		350
Equipment		100
Total, Wages, Expense, and Equipment.....		(10 530)
Total, Institute of Government and Public Affairs....		\$ 93 900

Public Affairs Revolving

Account Number 12-56-10-370

Wages.....	\$ 1 000
Expense	4 000
Total, Public Affairs Revolving.....	\$ 5 000

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS**General**

Organized Research	Salaries	Wages, Ex- pense, and Equipment	Total
Institute of Labor and Industrial Relations.....	\$278 895	\$22 750	\$301 645
Total, General.....	\$278 895	\$22 750	\$301 645

Restricted

Organized Research	Salaries	Wages, Ex- pense, and Equipment	Total
Research Publications Revolving.....		\$ 1 500	\$ 1 500
Revolving General.....		3 000	3 000
Estimated Private Gifts.....	\$ 1 000	2 000	3 000
Total, Restricted.....	\$ 1 000	\$ 6 500	\$ 7 500

Institute of Labor and Industrial Relations

Account Number 00-60-10-300

1. Martin Wagner, Director.....	BY}	
Professor.....	AY}	\$ 18 200
2. W. Ellison Chalmers, Professor.....	ZAY	16 250
(On leave with one-half pay one year from August 1, 1962)		
3. Milton Derber, Professor.....	AY	16 400
4. Murray J. Edelman, Professor of Political Science.....	ZAY45	6 530
(Total Salary)		(14 500)
(Includes full time in summer)		
(On leave with pay second semester 1962-63)		

5. Herman Erickson, Professor.....	ZAY50	6 575
(Total Salary)		(13 150)
6. Homer L. Gammill, Professor of Industrial Psychology	ZAY50	6 325
(Total Salary)		(12 650)
7. Phillips L. Garman, Professor.....	ZAY75	12 225
(Total Salary)		(16 300)
8. John F. Humes, Professor, <i>Emeritus</i>	ZR	.....
9. Solomon B. Levine, Professor.....	AY	12 500
(On leave without pay from September 1, 1962, to June 24, 1963)		
10. W. H. McPherson, Professor of Economics.....	ZAY	16 000
11. Adolf F. Sturmthal, Professor.....	A	15 350
(On leave without pay 1962-63)		
12. Richard C. Wilcock, Professor.....	AY	12 500
(On leave with one-half pay September 1, 1962, to June 25, 1963, and without pay June 26, 1963, to August 31, 1963)		
13. Earl C. Wolfe, Professor.....	ZAY50	6 850
(Total Salary)		(13 700)
14. Bernard Karsh, Associate Professor of Sociology.....	ZAY75	9 485
(Total Salary)		(12 650)
15. Harry C. Triandis, Associate Professor of Psychology	ZAY45	5 175
(Total Salary)		(11 500)
16. Andrew J. Wann, Associate Professor.....	AY	11 250
17. Barbara D. Dennis, Editor with rank of Assistant Professor.....	BY	9 200
18. Walter H. Franke, Assistant Professor.....	BY	9 400
19. Aaron Green, Librarian with rank of Assistant Professor.....	ZBY50	4 650
(Total Salary)		(9 300)
20. Charles L. Hulin, Assistant Professor of Psychology...	ZBY50	4 250
(Total Salary)		(8 500)
21. Milferd Lieberthal, Assistant Professor.....	ZBY50	5 000
(Total Salary)		(9 900)
22. Howard E. Trier, Assistant Professor of Psychology..	ZDY50	5 200
(Total Salary)		(10 400)
23. _____, Assistant Professor of Psychology.....	BY73	6 390
24. Walter Phillips, Instructor in Sociology.....	ZDY50	4 250
(Total Salary)		(8 500)
25. 4.00 Full-time Equivalent Research Assistants.....	E	16 000
26. 0.50 Full-time Equivalent Library Assistants.....	DY	2 490
27. 2.00 Summer Research Assistants.....	G	1 780
Nonacademic Salaries		38 670
<i>Total, Salaries</i>		(278 895)
Wages.....		3 150
Expense		16 100
Convention Travel		1 000
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(22 750)
<i>Total, Institute of Labor and Industrial Relations</i>		\$301 645

Research Publications Revolving

Account Number 12-60-10-370	
Expense	\$ 1 500
<i>Total, Research Publications Revolving</i>	\$ 1 500

Revolving General

Account Number 12-60-10-372	
Expense	\$ 3 000
<i>Total, Revolving General</i>	\$ 3 000

JANE ADDAMS GRADUATE SCHOOL OF SOCIAL WORK

Account Number 00-68-10-100

1. Mark P. Hale, Director.....	BY}	\$ 18 000
Professor.....	AY}	
2. Marietta Stevenson, Director and Professor, <i>Emerita</i>	R	.....
3. W. Paul Simon, Assistant Director.....	BY}	15 600
Professor.....	AY}	
4. Jennette R. Gruener, Professor.....	A	11 100
5. Florence L. Poole, Professor.....	A	11 900
6. David E. Tanenbaum, Professor.....	AY	12 900
(Leave to be determined)		
7. Margaret Holden, Associate Professor.....	AY	11 450
8. Donald E. Lathrope, Associate Professor.....	A	11 150
(On leave with pay second semester 1962-63)		
9. James E. McDonald, Associate Professor.....	A	10 200
10. Carol H. Preucil, Associate Professor.....	AY	.....
(See Chicago)		
11. Mary C. Reese, Associate Professor.....	A	9 200
12. D. Katharine Rogers, Associate Professor, <i>Emerita</i>	R	.....
Associate Professor.....	A	9 200
14. Lela B. Costin, Assistant Professor.....	D	7 300
15. 0.50 Full-time Equivalent Assistants.....	E	2 000
Nonacademic Salaries		23 455
Total, Salaries		(153 455)
Wages, Including Lecturers.....		4 050
Expense		12 800
Convention Travel		600
Equipment		1 600
Total, Wages, Expense, and Equipment.....		(19 050)
Total, Jane Addams Graduate School of Social Work		\$172 505

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE 2M6344

Account Number 46-68-10-166

1. Francis P. Purcell, Consultant with rank of Associate Professor.....	DY	\$ 10 750
2. Anthony J. Vattano, Consultant with rank of Assistant Professor.....	DY	9 750
Total, U.S. Public Health Service 2M6344.....		\$ 20 500

U.S. PUBLIC HEALTH SERVICE 2M6552

Account Number 46-68-10-165

1. L. Jane Wille, Consultant with rank of Associate Professor.....	BY	\$ 11 200
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STATE OF ILLINOIS PUBLIC AID COMMISSION —

PUBLIC ASSISTANCE

Account Number 47-68-10-366

1. Mary R. Thomas, Instructor.....	D	\$ 6 800
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SUMMER SESSION**General**

Instruction	Salaries	Wages, Expense, and Equipment	Total
Administration.....		\$ 5 300	\$ 5 300
Instruction.....	\$920 000	1 250	921 250
Child Development.....		200	200
Civil Engineering Camp.....		7 610	7 610
Education.....		4 760	4 760
Forestry.....		3 500	3 500
Geography.....		300	300
Recreation.....		2 200	2 200
Total, General.....	\$920 000	\$25 120	\$945 120

Restricted		<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Instruction</i>	<i>Salaries</i>		
Estimated Private Gifts	\$ 5 000	\$ 6 000	\$ 11 000
<i>Total, Restricted</i>	\$ 5 000	\$ 6 000	\$ 11 000

Administration		
Account Number 00-72-01-100		
Expense		\$ 5 300
<i>Total, Administration</i>		\$ 5 300

Instruction		
Account Number 00-72-10-100		
1. Academic Salaries	G	\$920 000
<i>Total, Salaries</i>		(920 000)
Wages, Education		960
Wages, Forestry		840
Expense, Anthropology		1 250
Expense, Child Development		200
Expense, Civil Engineering Camp		7 610
Expense, Education		3 800
Expense, Forestry		2 660
Expense, Geography		300
Expense, Recreation		2 200
<i>Total, Wages, Expense, and Equipment</i>		(19 820)
<i>Total, Instruction</i>		\$939 820

UNIVERSITY PRESS		
Account Number 00-78-10-400		
1. Miodrag Muntyan, Director	BY)	\$ 16 000
With rank of Associate Professor	AY)	
2. H. E. Cunningham, Director and Professor, <i>Emeritus</i> ..	ZR	.....
3. Donald D. Jackson, Editor with rank of Professor	AY	14 200
4. Helen S. Sutherland, Editor with rank of Assistant Professor	BY	10 000
5. Rachel E. Anderson, Assistant Editor	DY	6 250
(On disability leave — University Retirement System)		
6. Elizabeth G. Dulany, Assistant Editor	DY	6 600
7. Mary Ruth Kelley, Production Editor	DY	9 500
8. Henry Ponleithner, Jr., Sales Manager	DY	12 000
9. Herbert L. Sterrett, Art Editor	DY	10 800
Nonacademic Salaries		28 030
<i>Total, Salaries</i>		(113 380)
Wages		200
Expense		7 500
Convention Travel		250
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(8 950)
<i>Total, University Press</i>		\$122 330

Print Shop		
Account Number 09-78-10-968		
1. C. E. Herman, Superintendent, <i>Emeritus</i>	R	.....

University Press Revolving		
Account Number 12-78-10-470		
Nonacademic Salaries		\$ 20 460
Expense		285 000
<i>Total, University Press Revolving</i>		\$305 460

INTERNATIONAL COOPERATION PROGRAMS**International Cooperation Administration Participants Service**

Account Number 46-79-10-434

1. James L. Leach, Assistant Coordinator of International Cooperation Programs	ZD25	\$ 2 625
(Total Salary)		(10 500)

U.S. International Cooperation Administration C1220

Account Number 46-79-10-434

1. R. W. Jugenheimer, Coordinator of International Cooperation Programs	ZBY33	\$ 5 167
(Total Salary)		(15 500)
2. James L. Leach, Assistant Coordinator of International Cooperation Programs	ZD25	2 625
3. Julian R. Fellows, Professor of Mechanical Engineering	ZDY	17 550
4. G. H. Fett, Professor of Electrical Engineering and Group Leader	ZFY	21 000
(To January 31, 1964)		
5. John C. Miles, Professor of Mechanical Engineering...	ZDY	16 700
<i>Total, U.S. International Cooperation Administration C1220.....</i>		<i>\$ 63 042</i>

U.S. International Cooperation Administration C1258

Account Number 46-79-10-435

1. R. W. Jugenheimer, Coordinator of International Cooperation Programs	ZBY33	\$ 5 167
2. Ralph C. Hay, Adviser to the Dean of Agricultural Technology, Uttar Pradesh Agricultural University... (To January 31, 1964)	ZFY	16 000
3. Paul D. Beamer, Professor of Veterinary Pathology and Hygiene and Adviser to the Dean of Veterinary Medicine	ZDY	15 800
4. William V. Lambert, Adviser to Vice-Chancellor and Group Leader	DY	23 000
<i>Total, U.S. International Cooperation Administration C1258.....</i>		<i>\$ 59 967</i>

U.S. International Cooperation Administration C1453

Account Number 46-79-10-436

1. R. W. Jugenheimer, Coordinator of International Cooperation Programs	ZBY34	\$ 5 166
2. W. D. Buddemeier, Professor of Farm Management and Group Leader	ZBY	14 250
3. E. E. Ormiston, Associate Professor of Dairy Husbandry..... (To February 14, 1963)	ZFY	12 800
<i>Total, U.S. International Cooperation Administration C1453.....</i>		<i>\$ 32 216</i>

LIBRARY AND LIBRARY SCHOOL**General**

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Graduate School of Library Science	\$ 135 700	\$ 7 470	\$ 143 170
Libraries			
Administration	103 020	729 557	832 577
Acquisition Department	168 235		168 235
Catalog Department	230 040		230 040
Circulation Department	101 420		101 420
Departmental Libraries	490 400		490 400

General (Concluded)

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Reference Department.....	61 880	.....	61 880
Serials Department.....	195 150	.....	195 150
<i>Total, Libraries</i>	<i>(1 350 145)</i>	<i>(729 557)</i>	<i>(2 079 702)</i>
<i>Total, General</i>	<i>\$1 485 845</i>	<i>\$737 027</i>	<i>\$2 222 872</i>

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Library Trends Revolving.....	\$ 6 120	\$ 14 500	\$ 20 620
<i>Organized Research</i>			
Estimated State Contracts.....	12 000	3 000	15 000
<i>Libraries</i>			
Microfilm Revolving.....	3 600	6 500	10 100
<i>Total, Restricted</i>	<i>\$ 21 720</i>	<i>\$ 24 000</i>	<i>\$ 45 720</i>

Graduate School of Library Science

Account Number 00-80-05-100

1. R. B. Downs, Director.....	ZBY}	
Professor of Library Science.....	AY }	.....
2. P. L. Windsor, Director and Professor, <i>Emeritus</i>	ZRA	.....
3. Herbert Goldhor, Associate Director.....	BY}	
Professor of Library Science.....	AY }	\$ 15 900
4. Anne M. Boyd, Professor, <i>Emerita</i>	R	.....
5. Thelma Eaton, Professor of Library Science.....	A	10 600
6. Harold Goldstein, Professor of Library Science.....	A	10 700
7. Frances B. Jenkins, Professor of Library Science.....	A	12 700
8. Rose B. Phelps, Professor, <i>Emerita</i>	R	.....
9. Donald E. Strout, Professor of Library Science.....	A	10 700
10. Ethel Bond, Associate Professor, <i>Emerita</i>	R	.....
11. Marie M. Hostetter, Associate Professor, <i>Emerita</i>	R	.....
12. William Vernon Jackson, Associate Professor of Li- brary Science.....	A	10 700
13. Winifred Ladley, Associate Professor of Library Science.....	A	9 300
14. Alice Lohrer, Associate Professor of Library Science..	A	9 400
15. Cora E. Thomassen, Assistant Professor of Library Science.....	D	7 500
16. _____, Instructor in Library Science.....	D	6 000
17. _____, Assistant in Library Science.....	DY	5 700
18. 2.00 Full-time Equivalent Assistants.....	E	8 000
19. 0.50 Full-time Equivalent Research Assistants.....	E	2 000
Nonacademic Salaries.....		16 500
<i>Total, Salaries</i>		<i>(135 700)</i>
Wages.....		550
Expense.....		6 020
Convention Travel.....		600
Equipment.....		300
<i>Total, Wages, Expense, and Equipment</i>		<i>(7 470)</i>
<i>Total, Graduate School of Library Science</i>		<i>\$143 170</i>

Library Trends Revolving

Account Number 12-80-05-146

Nonacademic Salaries.....	\$ 6 120
Expense.....	14 500
<i>Total, Library Trends Revolving</i>	<i>\$ 20 620</i>

State of Illinois State Library Research Center

Account Number 47-80-05-378

1. Guy G. Garrison, Director of Library Research Center and Research Associate Professor of Library Science FY (To August 31, 1964)	\$ 10 000
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<i>Total, State of Illinois State Library Research Center</i>	<u>\$ 10 000</u>
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Administration**Library**

Account Number 00-80-10-500

1. R. B. Downs, Dean of Library Administration and Professor.....	ZBY	\$ 22 200
2. P. L. Windsor, Director and Professor, <i>Emeritus</i>	ZRA	.....
3. Arnold H. Trotter, Associate Director of Technical Departments.....	BY}	15 500
Professor of Library Administration.....	AY}	
4. Lucien W. White, Associate Director of Public Service Departments.....	BY}	15 200
Professor of Library Administration.....	AY}	
5. Mary Lois Bull, Personnel Librarian with rank of Associate Professor.....	AY	10 800
6. Robert F. Delzell, Library Administration Assistant with rank of Associate Professor.....	AY	11 300
7. Josie B. Houchens, Assistant Librarian and Associate Professor, <i>Emerita</i>	R	.....
Nonacademic Salaries.....		28 020
<i>Total, Salaries</i>		(103 020)
Wages.....		134 265
Expense.....		56 100
Midwest Interlibrary Corporation.....		13 192
Convention Travel.....		2 200
Nonrecurring Unassigned.....		(3 000)
Equipment.....		10 000
Library Additions.....		513 800
<i>Total, Wages, Expense, and Equipment</i>		(729 557)
<i>Total, Administration</i>		<u>\$832 577</u>

Microfilm Revolving

Account Number 12-80-10-552

Nonacademic Salaries.....	\$ 3 600
Expense.....	6 500
<i>Total, Microfilm Revolving</i>	<u>\$ 10 100</u>

Acquisition Department

Account Number 00-80-20-500

1. Helen M. Welch, Acquisition Librarian and Professor of Library Administration.....	AY	\$ 12 250
2. Alma DeJordy, Consultant in Bibliography with rank of Associate Professor.....	AY	10 300
3. Willia K. Garver, Assistant Librarian and Associate Professor, <i>Emerita</i>	R	.....
4. Esther M. Clausen, Documents Librarian with rank of Assistant Professor.....	BY	8 300
5. Kathleen M. Ruckman, Gift and Exchange Librarian with rank of Assistant Professor.....	BY	7 950
6. Marilyn Satterlee, Assistant Acquisition Librarian with rank of Assistant Professor.....	BY	8 500
7. Wacław W. Soroka, Bibliographer with rank of Assistant Professor.....	BY	8 000
8. Laurence H. Miller, Bibliographer with rank of Instructor.....	DY	6 800
9. Thomas E. Parks, Bibliographer with rank of Instructor.....	DY	7 100
10. Evangeline C. Baldino, Acquisition Assistant.....	DY	5 500

11. Doris F. Dodds, Acquisition Assistant.....	DY	5 750
12. N. Ehernberger, Acquisition Assistant.....	DY	5 550
13. Elizabeth A. Hofsas, Acquisition Assistant.....	DY	5 700
14. Robert A. Jones, Acquisition Assistant.....	DY	5 700
15. Venetia Y. Wang, Acquisition Assistant.....	DY	5 600
16. ———, Acquisition Assistant.....	DY	5 400
17. 0.50 Full-time Equivalent Assistants.....	DY	2 700
Nonacademic Salaries		57 135
<i>Total, Acquisition Department.....</i>		<i>\$168 235</i>

Catalog Department

Account Number 00-80-30-500

1. Betty M. E. Croft, Catalog Librarian and Associate Professor of Library Administration.....	AY	\$ 10 000
2. Marian Harman, Catalog Reviser and Associate Professor of Library Administration.....	AY	10 800
3. Louise F. Lodge, Assistant Catalog Librarian with rank of Assistant Professor.....	BY	8 900
4. Dorothy B. Clark, Cataloger with rank of Assistant Professor	BY	7 950
5. C. U. Faye, Bibliographic Consultant with rank of Assistant Professor, <i>Emeritus</i>	R	.....
6. Edythe J. Kirk, Cataloger with rank of Assistant Professor	BY	7 950
7. Clarissa O. Lewis, Cataloger with rank of Assistant Professor	BY	8 050
8. Cleo Lichtenberger, Catalog Reviser with rank of Assistant Professor, <i>Emeritus</i>	R	.....
9. Edith M. Marshall, Catalog Reviser with rank of Assistant Professor	BY	8 200
10. Ann M. Potter, Catalog Reviser with rank of Assistant Professor	BY	8 900
11. Katherine M. Wheeler, Catalog Reviser with rank of Assistant Professor, <i>Emerita</i>	R	.....
12. Charles A. Burdick, Cataloger with rank of Instructor..	DY	7 000
13. Donald L. Foster, Cataloger with rank of Instructor...	DY	5 850
14. Lellia S. McLaughlin, Cataloger with rank of Instructor, <i>Emerita</i>	R	.....
15. Herbert Lyman Searcy, Catalog Reviser with rank of Instructor.....	DY	7 300
16. Florence M. Sheehan, Cataloger with rank of Instructor	DY	6 500
17. Dmytro M. Shtohryn, Cataloger with rank of Instructor	DY	7 400
18. Allan M. Wilson, Cataloger with rank of Instructor...	DY	6 900
19. Helen Zachman, Cataloger with rank of Instructor....	DY	5 900
20. Josephine Sun, Catalog Assistant.....	DY	5 700
21. Margareta Thompson, Catalog Assistant.....	DY	5 500
22. ———, Catalog Assistant.....	DY	5 500
23. ———, Catalog Assistant.....	DY	5 700
24. 2.00 Full-time Equivalent Assistants.....	DY	10 000
Nonacademic Salaries		80 040
<i>Total, Catalog Department.....</i>		<i>\$230 040</i>

Circulation Department

Account Number 00-80-40-500

1. Robert W. Oram, Circulation Librarian and Associate Professor of Library Administration.....	AY	\$ 11 250
2. Margaret Jean Lokke, Assistant Circulation Librarian with rank of Assistant Professor.....	BY	8 900
3. Helen T. Stewart, Assistant Circulation Librarian with rank of Assistant Professor, <i>Emerita</i>	R	.....
4. Emma R. Jutton, Circulation Librarian and Associate, <i>Emerita</i>	R	.....

Trust — Assembly Hall Revenue Bond Fund — Assembly Hall

Account Number 48-82-88-705

1. Thomas P. Parkinson, Director of Assembly Hall..... DY	\$ 13 500
Nonacademic Salaries	4 800
<i>Total, Salaries</i>	(18 300)
Wages.....	86 000
Expense.....	184 515
Debt Service	490 657
<i>Total, Wages, Expense, and Equipment</i>	(761 172)
<i>Total, Trust — Assembly Hall Revenue Bond Fund — Assembly Hall</i>	\$779 472

Trust — Student Services Building Operation

Account Number 48-82-88-778

Wages.....	\$ 13 500
Expense.....	35 452
Debt Service	71 048
<i>Total, Trust — Student Services Building Operation..</i>	<u>\$120 000</u>

Trust — Illini Union — General Building

Account Number 48-82-90-710

1. Earl F. Finder, Director of Illini Union..... DY	\$ 13 250
(Perquisites University — one meal)	
2. Irene D. Pierson, Social Director of Illini Union..... ZDY	10 100
(Perquisites Employee — one meal).....	(84)
3. _____, Assistant College, Union, and Recreation ZE	4 000
Nonacademic Salaries	119 030
<i>Total, Salaries</i>	(146 380)
Wages.....	275 666
Expense.....	556 433
<i>Total, Wages, Expense, and Equipment</i>	(832 099)
<i>Total, Trust — Illini Union — General Building</i>	<u>\$978 479</u>

Trust — Illini Union — Food Service

Account Number 48-82-90-720

Nonacademic Salaries	\$ 109 480
<i>Total, Salaries</i>	(109 480)
Wages.....	382 660
Expense.....	572 320
<i>Total, Wages, Expense, and Equipment</i>	(954 980)
<i>Total, Trust — Illini Union — Food Service</i>	<u>\$1 064 460</u>

Trust — Illini Union — Billiards

Account Number 48-82-90-730

Nonacademic Salaries	\$ 1 715
<i>Total, Salaries</i>	(1 715)
Wages.....	6 870
Expense.....	3 192
<i>Total, Wages, Expense, and Equipment</i>	(10 062)
<i>Total, Trust — Illini Union — Billiards</i>	<u>\$ 11 777</u>

Trust — Illini Union — Bowling Lanes

Account Number 48-82-90-740

Nonacademic Salaries	\$ 5 145
<i>Total, Salaries</i>	(5 145)
Wages.....	21 665
Expense.....	41 879
<i>Total, Wages, Expense, and Equipment</i>	(63 544)
<i>Total, Trust — Illini Union — Bowling Lanes</i>	<u>\$ 68 689</u>

25. Winifred M. Alleman, Assistant Agriculture Librarian with rank of Instructor.....	DY	6 750
26. Avis A. Ball, Home Economics Librarian with rank of Instructor.....	DY	7 250
27. Suzanne N. Clayton, Rare Book Room Assistant with rank of Instructor.....	DY	5 850
28. Désirée de Charms, Music Library Assistant with rank of Instructor	DY	6 800
29. Mary J. Eilert, University High School Librarian with rank of Instructor.....	DY	6 650
30. Dorothy A. Foulk, Law Library Assistant with rank of Instructor	DY	6 450
31. Hallet Gildersleeve, Undergraduate Librarian with rank of Instructor	DY	7 400
32. Eldon C. Hart, Physics Librarian with rank of Instructor	DY	7 200
33. Nancy L. Heater, Engineering Library Assistant with rank of Instructor.....	DY	6 050
34. Alice M. Hoover, Chemistry Library Assistant with rank of Instructor.....	DY	6 050
35. Bertha Coddington, Commerce and Sociology Library Assistant with rank of Instructor.....	DY	6 100
36. John P. Kennedy, Commerce and Sociology Librarian with rank of Instructor.....	DY	7 300
37. Martha Landis, Illini Union Browsing Room Librarian with rank of Instructor.....	DY	6 250
38. John M. Lindsey, Assistant Law Librarian with rank of Instructor.....	DY	7 300
39. Fleming Montgomery, Biology Library Assistant with rank of Instructor.....	DY	6 550
40. Theo Nelson, Physical Education Librarian with rank of Instructor	DY	7 250
41. Fina C. Ott, Commerce and Sociology Librarian with rank of Instructor, <i>Emerita</i>	R	.....
42. Barbara O. Slanker, Library Assistant with rank of Instructor.....	DY	6 150
43. Richard G. Smith, Undergraduate Library Assistant with rank of Instructor.....	DY	7 150
44. Ralph H. Stenstrom, Education, Philosophy, and Psychology Library Assistant with rank of Instructor....	DY	6 550
45. E. S. Warrick, Mathematics Librarian with rank of Instructor, <i>Emeritus</i>	R	.....
46. D. Dean Willard, Assistant Law Librarian with rank of Instructor.....	DY	6 800
47. _____, Assistant Architecture Librarian with rank of Instructor	DY	6 500
48. _____, Mathematics Librarian with rank of Instructor.....	DY	6 100
49. _____, Geology Librarian with rank of Instructor	DY	6 750
50. Jocelyn Armstrong, Architecture Library Assistant....	DY	5 600
51. L. Patricia Heidorn, Architecture Library Assistant....	DY	5 700
52. _____, Undergraduate Library Assistant.....	DY	5 650
53. _____, Music Library Assistant.....	DY	5 400
54. 1.50 Full-time Equivalent Assistants.....	DY	7 500
Nonacademic Salaries		108 000
Total, Departmental Libraries.....		\$490 400

Reference Department

Account Number 00-80-60-500

1. T. E. Ratcliffe, Jr., Reference Librarian and Associate Professor of Library Administration.....	AY	\$ 11 250
2. Dorothy M. Black, Associate Reference Librarian with rank of Associate Professor.....	AY	10 000

3. Fanny Dunlap, Reference Librarian and Assistant Professor, <i>Emerita</i>	R	.....
4. Francis Rodgers, Assistant Reference Librarian with rank of Instructor	DY	6 850
5. Joyce C. Werner, Assistant Reference Librarian with rank of Instructor	DY	7 200
6. _____, Assistant Reference Librarian with rank of Instructor	DY	5 850
7. _____, Assistant Reference Librarian with rank of Instructor	DY	5 850
8. _____, Assistant Reference Librarian with rank of Instructor	DY	6 200
9. 0.50 Full-time Equivalent Assistants	DY	2 500
Nonacademic Salaries		6 180
<i>Total, Reference Department</i>		<u>\$ 61 880</u>

Serials Department

Account Number 00-80-35-500

1. William H. Huff, Serials Librarian and Associate Professor of Library Administration	AY	\$ 11 000
2. Norman B. Brown, Serials Reviser with rank of Assistant Professor	BY	8 000
3. Rebecca Briggs, Assistant Serials Librarian with rank of Assistant Professor	BY	8 800
4. Esther W. Anell, Bibliographer and Serials Consultant with rank of Assistant Professor	BY	8 100
5. Charlotte S. Ayers, Serials Cataloger with rank of Instructor	DY	6 700
6. Ruth A. Bedford, Serials Reviser with rank of Instructor	DY	7 000
7. Lily C. Gara, Bibliographer with rank of Instructor	DY	6 450
8. F. E. Mansfield, Jr., Bibliographer with rank of Instructor	DY	6 800
9. Irene L. Phillippe, Bibliographer with rank of Instructor	DY	6 500
10. Virginia Rubinstein, Serials Cataloger with rank of Instructor	DY	6 100
11. May Smith, Serials Cataloger with rank of Instructor, <i>Emerita</i>	R	.....
12. _____, Serials Reviser with rank of Instructor	DY	7 100
13. Constance M. Ashmore, Serials Assistant	DY	5 700
14. Hsien F. Hsieh, Serials Assistant	DY	5 500
15. Joann G. Kent, Binding Assistant	DY	5 800
16. Karl D. Kroeger, Serials Assistant	DY	5 600
17. Philip W. Lindell, Binding Librarian with rank of Assistant	DY	6 750
18. _____, Serials Assistant	DY	5 500
19. 1.00 Full-time Equivalent Assistants	DY	5 000
Nonacademic Salaries		72 750
<i>Total, Serials Department</i>		<u>\$195 150</u>

PHYSICAL PLANT

	General		Wages, Expense, and Equipment	Total
<i>Physical Plant</i>	<i>Salaries</i>			
Administration	\$238 806	\$	48 650	\$ 287 456
Renewal and Replacement			3 000	3 000
Building Operation	26 700	1	311 200	1 337 900
Fire Prevention and Safety	9 220		224 250	233 470
Police and Watchmen	14 520		240 900	255 420
Renewal and Replacement			4 000	4 000
Building Maintenance	47 550		670 000	717 550
Renewal and Replacement			230 194	230 194

General (Concluded)

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
General Maintenance.....	19 200	468 000	487 200
Renewal and Replacement.....		6 500	6 500
Grounds.....	5 090	250 400	255 490
Renewal and Replacement.....		20 750	20 750
Transportation.....	5 090	137 300	142 390
Renewal and Replacement.....		39 950	39 950
Heat, Light, and Power.....	51 126	1 040 400	1 091 526
Renewal and Replacement.....		28 000	28 000
Water Station.....	7 610	147 500	155 110
Illini Union Building.....		40 120	40 120
President's House.....		9 980	9 980
Replacements.....		3 500	3 500
Prevailing Wage Rate Unassigned.....		377 589	377 589
Assembly Hall Utilities.....		262 000	262 000
Operation of New Areas.....		4 000	4 000
Reservations and Information.....	11 540	2 005	13 545
Telephone — Chicago Lines.....		6 000	6 000
<i>Total, General.....</i>	<i>\$436 452</i>	<i>\$5 576 188</i>	<i>\$6 012 640</i>

Restricted

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Physical Plant</i>			
Estimated Indirect Costs.....		\$ 32 220	\$ 32 220
<i>Auxiliary Enterprises</i>			
Cooperative Houses Operation.....	\$ 6 850	34 517	41 367
Emergency Housing Operation.....	16 830	248 402	265 232
Arbor Suites Operation.....	13 550	116 234	129 784
Temporary Family Housing.....	14 760	208 693	223 453
Trust — Allen Hall Operation.....	18 830	584 989	603 819
Trust — Busey-Evans Operation.....	18 460	274 494	292 954
Trust — Fourth Street Halls Operation.....	27 390	444 653	472 043
Trust — Gregory Drive Halls Operation.....	44 400	1 460 326	1 504 726
Trust — Lincoln Avenue Residence Operation.....	33 040	402 269	435 309
Trust — Taft and Van Doren Houses Operation.....	9 080	158 035	167 115
Permanent Staff Housing.....		54 101	54 101
Trust — Goodwin Avenue Apartments Operation.....		112 124	112 124
Trust — Green Street Apartments Operation.....		92 544	92 544
Trust — Race Street and Florida Avenue Operation.....		51 753	51 753
Trust — Housing Revenue Bond Fund — Central Food Store Operation.....	66 790	1 613 647	1 680 437
Trust — Housing Revenue Bond Fund — Orchard Downs Operation.....	27 508	430 733	458 241
Trust — Housing Revenue Bond Fund — Orchard Place Operation.....		138 496	138 496
Trust — Housing Revenue Bond Fund — Peabody Drive Halls Operation.....	47 290	1 675 072	1 722 362
Trust — Housing Revenue Bond Fund — Pennsylvania Avenue Residence Hall Operation.....	38 790	1 069 250	1 108 040
Trust — Housing Revenue Bond Fund — Single Graduate Unit 1 Operation.....	3 480	169 479	172 959
Trust — Housing Revenue Bond Fund — Single Graduate Unit 2 Operation.....	2 320	121 022	123 342
Trust — Housing Revenue Bond Fund — Snack Bar and Service Building Operation.....	10 900	179 158	190 058

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Trust — Assembly Hall Revenue Bond			
Fund — Assembly Hall.....	18 300	761 172	779 472
Trust — Student Services Building Opera- tion.....		120 000	120 000
Trust — Illini Union			
General Building.....	146 380	832 099	978 479
Food Service.....	109 480	954 980	1 064 460
Billiards.....	1 715	10 062	11 777
Bowling Lanes.....	5 145	63 544	68 689
Bookstore.....	18 340	719 370	737 710
Trust — Illini Union-Health Center Bond			
Fund — Health Center.....		74 294	74 294
<i>Total, Auxiliary Enterprises.....</i>	<i>(310 260)</i>	<i>(3 714 679)</i>	<i>(4 024 939)</i>
<i>Total, Restricted.....</i>	<i>\$699 628</i>	<i>\$13 207 732</i>	<i>\$13 907 360</i>

Auxiliary Enterprises

Student Fees Pledged for Bond Issues

The following amounts of student fees are authorized to be withheld during 1962-63 to supplement the income of various bond issues. The amounts estimated to be actually used during the year are shown in parenthesis.

	<i>Authorized</i>	<i>Estimated Actual</i>
Dormitory Revenue Bonds of 1956		
(Taft and Van Doren).....	\$ 56 250	\$ (8 221)
Women's Residence Halls of 1956		
(Allen).....	68 750	(54 149)
Men's Residence Halls of 1957		
(Gregory Drive).....	297 000	(103 056)
Housing Revenue Bonds.....	810 000	(655 223)
Assembly Hall.....	200 000	.....
<i>Total.....</i>	<i>\$1 432 000</i>	<i>\$ (820 649)</i>

Student Service Fees

The Student Service fees will be allocated to Auxiliary Enterprises as follows for 1962-63:

	<i>Per Cent</i>
Assembly Hall.....	46.25
Illini Union and Health Center.....	46.25
Student Services Building.....	7.50
<i>Total.....</i>	<i>100.00</i>

Administration

Account Number 00-82-01-600		
1. C. S. Havens, Director of Physical Plant.....	BY	\$ 23 000
2. John Doak, Superintendent of Buildings and Grounds..	BY	18 000
3. Ernest L. Stouffer, Architect.....	BY	15 500
4. R. S. Chamberlin, Director of Division of Campus De- velopment.....	DY	15 000
5. James V. Edsall, Assistant to Director of Physical Plant — Planning Coordinator	BY	12 000
6. Donald C. Neville, Assistant to Director of Physical Plant — Administration	BY	10 400
7. E. S. Sefcik, Assistant to Director of Physical Plant — Finance.....	BY	12 500
8. ———, Research Specialist with rank of Assistant Professor.....	BY	8 900
Nonacademic Salaries		123 506
<i>Total, Salaries</i>		<i>(238 806)</i>
Wages.....		21 000
Expense		27 400
Convention Travel		250

Renewals and Replacements.....	3 000
Estimates and Alterations Unassigned.....	(75 000)
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(51 650)</i>
<i>Total, Administration</i>	<i>\$290 456</i>

Building Operation

Account Number 00-82-05-600	
Nonacademic Salaries	\$ 26 700
<i>Total, Salaries</i>	<i>(26 700)</i>
Wages.....	1 194 700
Expense	113 000
Renewals and Replacements.....	3 500
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(1 311 200)</i>
<i>Total, Building Operation.....</i>	<i>\$1 337 900</i>

Indirect Costs — Building Operation

Account Number 40-82-05-600	
Wages.....	\$ 8 045
Expense	6 195
<i>Total, Indirect Costs — Building Operation.....</i>	<i>\$ 14 240</i>

Fire Prevention and Safety

Account Number 00-82-10-600	
Nonacademic Salaries	\$ 9 220
<i>Total, Salaries</i>	<i>(9 220)</i>
Wages.....	202 700
Expense	21 550
Renewals and Replacements.....	.....
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(224 250)</i>
<i>Total, Fire Prevention and Safety.....</i>	<i>\$233 470</i>

Police and Watchmen

Account Number 00-82-15-600	
Nonacademic Salaries	\$ 14 520
<i>Total, Salaries</i>	<i>(14 520)</i>
Wages.....	221 400
Expense	19 500
Renewals and Replacements.....	4 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(244 900)</i>
<i>Total, Police and Watchmen.....</i>	<i>\$259 420</i>

Indirect Costs — Police and Watchmen

Account Number 40-82-15-600	
Wages.....	\$ 490
Expense	40
<i>Total, Indirect Costs — Police and Watchmen.....</i>	<i>\$ 530</i>

Building Maintenance

Account Number 00-82-20-600	
Nonacademic Salaries	\$ 47 550
<i>Total, Salaries</i>	<i>(47 550)</i>
Wages.....	540 000
Expense	130 000
Renewals and Replacements.....	230 194
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(900 194)</i>
<i>Total, Building Maintenance.....</i>	<i>\$947 744</i>

Indirect Costs — Building Maintenance

Account Number 40-82-20-600	
Wages.....	\$ 2 020
Expense	815
<i>Total, Indirect Costs — Building Maintenance.....</i>	<i>\$ 2 835</i>

General Maintenance

Account Number 00-82-25-600	
Nonacademic Salaries	\$ 19 200
<i>Total, Salaries</i>	(19 200)
Wages	411 000
Expense	57 000
Renewals and Replacements	6 500
<i>Total, Wages, Expense, and Equipment</i>	(474 500)
<i>Total, General Maintenance</i>	<u>\$493 700</u>

Indirect Costs — General Maintenance

Account Number 40-82-25-600	
Wages	\$ 545
Expense	165
<i>Total, Indirect Costs — General Maintenance</i>	<u>\$ 710</u>

Grounds

Account Number 00-82-30-600	
Nonacademic Salaries	\$ 5 090
<i>Total, Salaries</i>	(5 090)
Wages	210 800
Expense	39 600
Renewals and Replacements	20 750
<i>Total, Wages, Expense, and Equipment</i>	(271 150)
<i>Total, Grounds</i>	<u>\$276 240</u>

Indirect Costs — Grounds

Account Number 40-82-30-600	
Wages	\$ 300
Expense	130
<i>Total, Indirect Costs — Grounds</i>	<u>\$ 430</u>

Transportation

Account Number 00-82-35-600	
Nonacademic Salaries	\$ 5 090
<i>Total, Salaries</i>	(5 090)
Wages	87 500
Expense	49 800
Renewals and Replacements	39 950
<i>Total, Wages, Expense, and Equipment</i>	(177 250)
<i>Total, Transportation</i>	<u>\$182 340</u>

Indirect Costs — Transportation

Account Number 40-82-35-600	
Wages	\$ 340
Expense	185
<i>Total, Indirect Costs — Transportation</i>	<u>\$ 525</u>

Heat, Light, and Power

Account Number 00-82-40-600	
Nonacademic Salaries	\$ 51 126
<i>Total, Salaries</i>	(51 126)
Wages	600 400
Expense	440 000
Utilities — Temporary Housing	(32 000)
Renewals and Replacements	28 000
<i>Total, Wages, Expense, and Equipment</i>	(1 068 400)
<i>Total, Heat, Light, and Power</i>	<u>\$1 119 526</u>

Indirect Costs — Heat, Light, and Power

Account Number 40-82-40-600	
Wages.....	\$ 2 600
Expense	8 865
<i>Total, Indirect Costs — Heat, Light, and Power.....</i>	<u>\$ 11 465</u>

Water Station

Account Number 00-82-45-600	
Nonacademic Salaries	\$ 7 610
<i>Total, Salaries</i>	<u>(7 610)</u>
Wages.....	36 200
Expense	104 300
Renewals and Replacements.....	7 000
<i>Total, Wages, Expense, and Equipment</i>	<u>(147 500)</u>
<i>Total, Water Station.....</i>	<u>\$155 110</u>

Indirect Costs — Water Station

Account Number 40-82-45-600	
Expense	\$ 1 485
<i>Total, Indirect Costs — Water Station.....</i>	<u>\$ 1 485</u>

Illini Union Building

Account Number 00-82-60-600	
Rental for University Functions.....	\$ 5 000
Rental for Space.....	10 120
Fee Exemptions	15 000
University Club Operation.....	10 000
<i>Total, Illini Union Building.....</i>	<u>\$ 40 120</u>

President's House

Account Number 00-82-62-600	
Expense	\$ 9 980
Renewals and Replacements.....	3 500
<i>Total, President's House.....</i>	<u>\$ 13 480</u>

Prevailing Wage Rate Unassigned

Account Number 00-82-63-600	
Wages.....	\$377 589
<i>Total, Prevailing Wage Rate Unassigned.....</i>	<u>\$377 589</u>

Assembly Hall

Account Number 00-82-64-600	
Expense	\$262 000
<i>Total, Assembly Hall.....</i>	<u>\$262 000</u>

Operation of New Areas

Account Number 00-82-65-600	
Expense	\$ 4 000
<i>Total, Operation of New Areas.....</i>	<u>\$ 4 000</u>

Reservations and Information

Account Number 00-82-66-600	
Nonacademic Salaries	\$ 11 540
<i>Total, Salaries</i>	<u>(11 540)</u>
Wages.....	1 315
Expense	690
<i>Total, Wages, Expense, and Equipment</i>	<u>(2 005)</u>
<i>Total, Reservations and Information.....</i>	<u>\$ 13 545</u>

Athletic Association

Account Number 00-82-68-600	
Expense	\$ 30 000
<i>Total, Athletic Association.....</i>	<i>\$ 30 000</i>

Telephone — Chicago Lines

Account Number 00-82-69-600	
Expense	\$ 6 000
<i>Total, Telephone — Chicago Lines.....</i>	<i>\$ 6 000</i>

Architectural Studies for Future Buildings

Account Number 06-82-70-905	
1. John E. Baerwald, Professor of Traffic Engineering.... ZA20	\$ 2 100
(Total Salary)	(10 500)
2. George W. Greenwood, Research Associate in Civil Engineering.... D50	3 500
(On leave without pay one year from June 1, 1962)	
<i>Total, Architectural Studies for Future Buildings.....</i>	<i>\$ 5 600</i>

Auxiliary Enterprises**Services Administration**

Account Number 18-82-80-700	
1. V. L. Kretschmer, Director of Auxiliary Services..... ZDY50	\$ (9 250)
(Perquisites University — one meal)	
(Total Salary)	(18 500)
Nonacademic Salaries	(21 000)
<i>Total, Salaries</i>	<i>(30 250)</i>
Expense	(14 150)
Equipment	(600)
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(14 750)</i>
<i>Total, Services Administration.....</i>	<i>\$ 45 000</i>

Residence Halls Administration

Account Number 18-82-80-701	
1. Paul J. Doebel, Jr., Director of Housing..... DY	\$(14 250)
(Perquisites University — one meal)	
2. James E. Crawford, Supervisor of Counseling and Operations in Men's Residence Halls..... DY	(7 400)
(Perquisites University — room and board)	
3. Stanley W. Rahn, Assistant Director of Housing for Counseling and Residence Operations..... DY	(11 450)
(Perquisites University — one meal)	
Nonacademic Salaries	(308 515)
<i>Total, Salaries</i>	<i>(341 615)</i>
Wages.....	(159 110)
Expense	(76 584)
Equipment	(7 500)
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(243 194)</i>
<i>Total, Residence Halls Administration.....</i>	<i>\$584 809</i>

Cooperative Houses Operation

Account Number 18-82-80-712	
1. Mary E. Garrard, House Director of Gamma House... ZG63	\$ 1 550
(Perquisites University — room and board)	
(Total Salary)	(2 200)
(Ten months from September 1, 1962)	
2. Helen L. Keim, House Director of Beta House..... ZG63	1 550
(Perquisites University — room and board)	
(Total Salary)	(2 200)
(Ten months from September 1, 1962)	

3. Louise M. Camey, House Director of Delta House..... G	2 200
(Perquisites University — room and board)	
(Ten months from September 1, 1962)	
4. Mae Real, House Director of Alpha House..... ZG63	1 550
(Perquisites University — room and board)	
(Total Salary)	(2 200)
(Ten months from September 1, 1962)	
<i>Total, Salaries</i>	(6 850)
Expense	34 517
<i>Total, Cooperative Houses Operation</i>	<u>\$ 41 367</u>

Emergency Housing Operation

Account Number 18-82-80-722	
Nonacademic Salaries	\$ 16 830
<i>Total Salaries</i>	(16 830)
Wages.....	82 825
Expense	165 577
<i>Total, Wages, Expense, and Equipment</i>	(248 402)
<i>Total, Emergency Housing Operation</i>	<u>\$265 232</u>

Arbor Suites Operation

Account Number 18-82-80-731	
1. _____, Coordinator of Arbor Village..... G	\$ 4 550
(Perquisites University — room and board)	
(Ten months from September 1, 1962)	
2. 3.00 Full-time Equivalent Assistants..... G	9 000
<i>Total, Salaries</i>	(13 550)
Wages.....	11 242
Expense	104 992
<i>Total, Wages, Expense, and Equipment</i>	(116 234)
<i>Total, Arbor Suites Operation</i>	<u>\$129 784</u>

Temporary Family Housing

Account Number 18-82-80-748	
Nonacademic Salaries	\$ 14 760
<i>Total, Salaries</i>	(14 760)
Wages.....	14 170
Expense	194 523
<i>Total, Wages, Expense, and Equipment</i>	(208 693)
<i>Total, Temporary Family Housing</i>	<u>\$223 453</u>

Trust — Allen Halls Operation

Account Number 48-82-80-702	
1. 4.75 Full-time Equivalent Assistants..... G	\$ 8 600
Nonacademic Salaries	10 230
<i>Total, Salaries</i>	(18 830)
Wages.....	132 110
Expense	316 879
Debt Service	136 000
<i>Total, Wages, Expense, and Equipment</i>	(584 989)
<i>Total, Trust — Allen Halls Operation</i>	<u>\$603 819</u>

Trust — Busey-Evans Halls Operation

Account Number 48-82-80-708	
1. 1.50 Full-time Equivalent Assistants..... G	\$ 5 160
Nonacademic Salaries	13 300
<i>Total, Salaries</i>	(18 460)
Wages.....	98 682
Expense	165 657
Debt Service	10 155
<i>Total, Wages, Expense, and Equipment</i>	(274 494)
<i>Total, Trust — Busey-Evans Halls Operation</i>	<u>\$292 954</u>

Trust — Fourth Street Halls Operation

Account Number 48-82-80-726

1. 3.13 Full-time Equivalent Assistants.....	G	\$ 6 020
Nonacademic Salaries		21 370
<i>Total, Salaries</i>		(27 390)
Wages.....		104 783
Expense		248 474
Debt Service		91 396
<i>Total, Wages, Expense, and Equipment</i>		(444 653)
<i>Total, Trust — Fourth Street Halls Operation</i>		<u>\$472 043</u>

Trust — Gregory Drive Halls Operation

Account Number 48-82-80-733

1. Mark J. Archer, Assistant Manager and Head Resident of Men's Residence Halls.....	ZDY25	\$ 1 050
(Perquisites University — room and board)		
(Total Salary)		(4 200)
2. 6.00 Full-time Equivalent Assistants.....	G	18 060
Nonacademic Salaries		25 290
<i>Total, Salaries</i>		(44 400)
Wages.....		306 541
Expense		763 180
Debt Service		390 605
<i>Total, Wages, Expense, and Equipment</i>		(1 460 326)
<i>Total, Trust — Gregory Drive Halls Operation</i>		<u>\$1 504 726</u>

Trust — Lincoln Avenue Residence Operation

Account Number 48-82-80-746

1. 1.50 Full-time Equivalent Assistants.....	G	\$ 5 160
Nonacademic Salaries		27 880
<i>Total, Salaries</i>		(33 040)
Wages.....		95 773
Expense		265 298
Debt Service		41 198
<i>Total, Wages, Expense, and Equipment</i>		(402 269)
<i>Total, Trust — Lincoln Avenue Residence Operation</i> ..		<u>\$435 309</u>

Trust — Taft and Van Doren Houses Operation

Account Number 48-82-80-782

1. 2.25 Full-time Equivalent Assistants.....	G	\$ 7 100
Nonacademic Salaries		1 980
<i>Total, Salaries</i>		(9 080)
Wages.....		34 044
Expense		73 051
Debt Service		50 940
<i>Total, Wages, Expense, and Equipment</i>		(158 035)
<i>Total, Trust — Taft and Van Doren Houses Operation</i>		<u>\$167 115</u>

Permanent Staff Housing

Account Number 18-82-85-755

Wages.....	\$ 3 393
Expense	50 708
<i>Total, Permanent Staff Housing</i>	<u>\$ 54 101</u>

Trust — Goodwin Avenue Apartments Operation

Account Number 48-82-85-752

Wages.....	\$ 11 996
Expense	42 738
Debt Service	57 390
<i>Total, Trust — Goodwin Avenue Apartments Operation</i>	<u>\$112 124</u>

Trust — Green Street Apartments Operation

Account Number 48-82-85-753

Wages.....	\$ 11 951
Expense.....	34 575
Debt Service.....	46 018
<i>Total, Trust — Green Street Apartments Operation..</i>	<u>\$ 92 544</u>

Trust — Race Street and Florida Avenue Housing Operation

Account Number 48-82-85-758

Wages.....	\$ 2 789
Expense.....	36 819
Debt Service.....	12 145
<i>Total, Trust — Race Street and Florida Avenue Housing Operation</i>	<u>\$ 51 753</u>

Trust — Housing Revenue Bond Fund — Central Food Store Operation

Account Number 48-82-86-712

Nonacademic Salaries	\$ 66 790
<i>Total, Salaries</i>	(66 790)
Wages.....	169 592
Expense.....	1 351 018
Debt Service	93 037
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(1 613 647)</u>
<i>Total, Trust — Housing Revenue Bond Fund — Central Food Store Operation.....</i>	<u>\$1 680 437</u>

Trust — Housing Revenue Bond Fund — Orchard Downs Operation

Account Number 48-82-86-761

1. Calvin S. Sifferd, Assistant Manager and Head Resident of Men's Residence Halls.....	ZDY25	\$ 2 000
(Perquisites University — one meal)		
(Total Salary)		(8 000)
2. 12.00 Full-time Equivalent Assistants.....	G	22 688
Nonacademic Salaries		2 820
<i>Total, Salaries</i>		(27 508)
Wages.....		43 163
Expense.....		133 545
Debt Service		254 025
<i>Total, Wages, Expense, and Equipment.....</i>		<u>(430 733)</u>
<i>Total, Trust — Housing Revenue Bond Fund — Orchard Downs Operation.....</i>		<u>\$458 241</u>

Trust — Housing Revenue Bond Fund — Orchard Place Operation

Account Number 48-82-86-763

Wages.....	\$ 5 286
Expense.....	56 201
Debt Service	77 009
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(138 496)</u>
<i>Total, Trust — Housing Revenue Bond Fund — Orchard Place Operation.....</i>	<u>\$138 496</u>

Trust — Housing Revenue Bond Fund — Peabody Drive Halls Operation

Account Number 48-82-86-766

1. _____, Assistant Manager and Head Resident of Men's Residence Halls.....	ZDY25	\$ 1 050
(Perquisites University — room and board)		
(Total Salary)		(4 200)
2. 6.25 Full-time Equivalent Assistants.....	G	18 280

Nonacademic Salaries	27 960
<i>Total, Salaries</i>	(47 290)
Wages.....	347 487
Expense	868 484
Debt Service	459 101
<i>Total, Trust—Housing Revenue Bond Fund—Pea-</i> <i>body Drive Halls Operation.....</i>	<u>\$1 722 362</u>

**Trust—Housing Revenue Bond Fund—
Pennsylvania Avenue Residence Hall Operation**

Account Number 48-82-86-768	
1. 4.00 Full-time Equivalent Assistants..... G	\$ 13 760
Nonacademic Salaries	25 030
<i>Total, Salaries</i>	(38 790)
Wages.....	195 850
Expense	504 882
Debt Service	368 518
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(1 069 250)</u>
<i>Total, Trust — Housing Revenue Bond Fund— Pennsylvania Avenue Residence Hall Operation..</i>	<u>\$1 108 040</u>

**Trust—Housing Revenue Bond Fund—
Single Graduate Unit 1 Operation**

Account Number 48-82-86-775	
1. William B. Blevins, Resident Manager of Graduate Halls..... ZDY60	\$ 2 040
(Perquisites University—room)	
(Total Salary)	(3 400)
Nonacademic Salaries	1 440
<i>Total, Salaries</i>	(3 480)
Wages.....	17 819
Expense	54 505
Debt Service	97 155
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(169 479)</u>
<i>Total, Trust — Housing Revenue Bond Fund— Single Graduate Unit 1 Operation.....</i>	<u>\$172 959</u>

**Trust—Housing Revenue Bond Fund—
Single Graduate Unit 2 Operation**

Account Number 48-82-86-777	
1. William B. Blevins, Resident Manager of Graduate Halls..... ZDY40	\$ 1 360
(Perquisites University—room)	
Nonacademic Salaries	960
<i>Total, Salaries</i>	(2 320)
Wages.....	11 842
Expense	32 012
Debt Service	77 168
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(121 022)</u>
<i>Total, Trust — Housing Revenue Bond Fund— Single Graduate Unit 2 Operation.....</i>	<u>\$123 342</u>

**Trust—Housing Revenue Bond Fund—Snack Bar
and Service Building Operation**

Account Number 48-82-86-780	
Nonacademic Salaries	\$ 10 900
<i>Total, Salaries</i>	(10 900)
Wages.....	97 376
Expense	49 705
Debt Service	32 077
<i>Total, Wages, Expense, and Equipment.....</i>	<u>(179 158)</u>
<i>Total, Trust — Housing Revenue Bond Fund — Snack Bar and Service Building Operation.....</i>	<u>\$190 058</u>

Trust — Assembly Hall Revenue Bond Fund — Assembly Hall

Account Number 48-82-88-705

1. Thomas P. Parkinson, Director of Assembly Hall..... DY	\$ 13 500
Nonacademic Salaries	4 800
<i>Total, Salaries</i>	(18 300)
Wages.....	86 000
Expense.....	184 515
Debt Service	490 657
<i>Total, Wages, Expense, and Equipment</i>	(761 172)
<i>Total, Trust — Assembly Hall Revenue Bond Fund — Assembly Hall</i>	\$779 472

Trust — Student Services Building Operation

Account Number 48-82-88-778

Wages.....	\$ 13 500
Expense.....	35 452
Debt Service	71 048
<i>Total, Trust — Student Services Building Operation..</i>	<u>\$120 000</u>

Trust — Illini Union — General Building

Account Number 48-82-90-710

1. Earl F. Finder, Director of Illini Union..... DY	\$ 13 250
(Perquisites University — one meal)	
2. Irene D. Pierson, Social Director of Illini Union..... ZDY	10 100
(Perquisites Employee — one meal).....	(84)
3. _____, Assistant College, Union, and Recreation ZE	4 000
Nonacademic Salaries	119 030
<i>Total, Salaries</i>	(146 380)
Wages.....	275 666
Expense.....	556 433
<i>Total, Wages, Expense, and Equipment</i>	(832 099)
<i>Total, Trust — Illini Union — General Building</i>	<u>\$978 479</u>

Trust — Illini Union — Food Service

Account Number 48-82-90-720

Nonacademic Salaries	\$ 109 480
<i>Total, Salaries</i>	(109 480)
Wages.....	382 660
Expense.....	572 320
<i>Total, Wages, Expense, and Equipment</i>	(954 980)
<i>Total, Trust — Illini Union — Food Service</i>	<u>\$1 064 460</u>

Trust — Illini Union — Billiards

Account Number 48-82-90-730

Nonacademic Salaries	\$ 1 715
<i>Total, Salaries</i>	(1 715)
Wages.....	6 870
Expense.....	3 192
<i>Total, Wages, Expense, and Equipment</i>	(10 062)
<i>Total, Trust — Illini Union — Billiards</i>	<u>\$ 11 777</u>

Trust — Illini Union — Bowling Lanes

Account Number 48-82-90-740

Nonacademic Salaries	\$ 5 145
<i>Total, Salaries</i>	(5 145)
Wages.....	21 665
Expense.....	41 879
<i>Total, Wages, Expense, and Equipment</i>	(63 544)
<i>Total, Trust — Illini Union — Bowling Lanes</i>	<u>\$ 68 689</u>

Trust — Illini Union — Bookstore

Account Number 48-82-90-770

Nonacademic Salaries	\$ 18 340
<i>Total, Salaries</i>	(18 340)
Wages	41 575
Expense	677 795
<i>Total, Wages, Expense, and Equipment</i>	(719 370)
<i>Total, Trust — Illini Union — Bookstore</i>	\$737 710

Trust — Illini Union — Health Center Bond Fund — Health Center

Account Number 48-82-91-750

Wages	\$ 17 410
Expense	17 150
Debt Service	39 734
<i>Total, Trust — Illini Union — Health Center Bond Fund — Health Center</i>	\$ 74 294

STUDENT AID

	Restricted	Wages, Ex- pense, and Equipment	Total
<i>Student Aid</i>	<i>Salaries</i>		
Estimated Indirect Costs	\$ 80 000	\$ 80 000	
Estimated Endowment Income	100 000	100 000	
Estimated Private Gifts	\$12 000	738 000	750 000
Estimated U.S. Contracts	775 000	775 000	
<i>Total, Restricted</i>	\$12 000	\$1 693 000	\$1 705 000

MEDICAL CENTER**APPROPRIATIONS**

	General	Wages, Ex- pense, and Equipment	Total
<i>Administration and General</i>	<i>Salaries</i>		
Administration and General	\$ 817 843	\$ 162 425	\$ 980 268
Pharmacy	539 863	69 940	609 803
<i>Total, Administration and General</i> ..	(1 357 706)	(232 365)	(1 590 071)
<i>Instruction</i>			
Medicine	3 687 916	404 241	4 092 157
Dentistry	983 493	26 645	1 010 138
Graduate College	7 830	1 200	9 030
Nursing	206 910	15 750	222 660
Physical Education	16 940	8 000	24 940
<i>Total, Instruction</i>	(4 903 089)	(455 836)	(5 358 925)
<i>Organized Activities Relating to Instruction</i>			
Research and Educational Hospitals	3 609 404	3 199 526	6 808 930
<i>Organized Research</i>			
Graduate College		20 000	20 000
Aeromedical Laboratory	82 247	19 880	102 127
<i>Total, Organized Research</i>	(82 247)	(39 880)	(122 127)
<i>Extension and Public Services</i>			
Crippled Children	391 860	1 386 320	1 778 180
Libraries	94 490	58 375	152 865
Physical Plant	302 746	2 748 167	3 050 913
<i>Student Aid</i>			
Graduate College		20 000	20 000
<i>Total, General</i>	\$10 741 542	\$8 140 469	\$18 882 011

Restricted		Wages, Ex- pense, and Equipment	
	Salaries		Total
<i>Administration and General</i>	\$ 44 745	\$ 23 790	\$ 68 535
<i>Instruction</i>			
Medicine.....	214 372	270 000	484 372
Dentistry.....	62 000	23 000	85 000
Pharmacy.....	.....	500	500
Nursing.....	8 000	5 000	13 000
Research and Educational Hospitals.....	1 500	1 000	2 500
<i>Total, Instruction</i>	(285 872)	(299 500)	(585 372)
<i>Organized Activities Relating to Instruction</i>			
Research and Educational Hospitals.....	30 420	126 000	156 420
<i>Organized Research</i>			
Medicine.....	1 350 000	970 000	2 320 000
Dentistry.....	218 500	98 000	316 500
Pharmacy.....	43 000	21 000	64 000
Graduate College.....	10 000	45 500	55 500
Aeromedical Laboratory.....	10 000	3 000	13 000
Institution for Tuberculosis Research.....	73 826	37 674	111 500
<i>Total, Organized Research</i>	(1 705 326)	(1 175 174)	(2 880 500)
<i>Extension and Public Services</i>			
Dentistry.....	.....	134 800	134 800
Crippled Children.....	347 955	490 263	838 218
<i>Total, Extension and Public Services</i> ...	(347 955)	(625 063)	(973 018)
<i>Auxiliary Enterprises</i>			
Physical Plant.....	66 024	1 108 538	1 174 562
<i>Student Aid</i>			
Scholarships and Fellowships.....	7 000	81 500	88 500
<i>Total, Restricted</i>	\$2 487 342	\$3 439 565	\$5 926 907

ADMINISTRATION AND GENERAL

General		Wages, Ex- pense, and Equipment	
	Salaries		Total
<i>Administration and General</i>			
Chicago Office of the President.....	\$ 37 070	\$14 050	\$ 51 120
Vice-President's Office.....	35 340	6 850	42 190
Health Service.....	88 336	6 900	95 236
Medical Research Laboratory.....	43 992	2 900	46 892
Student Affairs.....	35 280	3 420	38 700
Illustration Studios.....	76 050	2 055	78 105
Business Office.....	289 625	74 100	363 725
Auditing.....	38 490	1 400	39 890
Admissions and Records.....	47 290	8 350	55 640
Nonacademic Personnel.....	93 370	14 150	107 520
Public Information.....	33 000	12 250	45 250
General Expenses.....	.....	16 000	16 000
<i>Total, General</i>	\$817 843	\$162 425	\$980 268

Restricted		Wages, Ex- pense, and Equipment	
	Salaries		Total
<i>Administration and General</i>			
Estimated Indirect Costs.....	\$44 745	\$20 290	\$65 035
Estimated Endowment Income.....	.....	2 000	2 000
Estimated Private Gifts.....	.....	1 500	1 500
<i>Total, Restricted</i>	\$44 745	\$23 790	\$68 535

Chicago Office of the President

Account Number 05-06-01

1. C. C. Caveny, Assistant to the President with rank of Professor.....	BY AY}	\$ 18 000
Nonacademic Salaries		19 070
<i>Total, Salaries</i>		(37 070)
Wages.....		200
Expense		5 550
Rental		7 800
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(14 050)
<i>Total, Chicago Office of the President</i>		<u>\$ 51 120</u>

Vice-President's Office

Account Number 05-06-10

1. Joseph S. Begando, Vice-President for the Medical Center Campus	BY	\$ 22 500
Nonacademic Salaries		12 840
<i>Total, Salaries</i>		(35 340)
Wages.....		950
Expense		5 200
Convention Travel		400
Equipment		300
<i>Total, Wages, Expense, and Equipment</i>		(6 850)
<i>Total, Vice-President's Office</i>		<u>\$ 42 190</u>

Health Service

Account Number 05-06-15

1. Marvin J. Colbert, Director.....	ZBY	\$ 16 750
2. Joseph H. Filip, Associate Director.....	DY	12 500
3. Clifton C. Rhead, Psychiatric Consultant.....	ZBY20	3 400
4. _____, Physician	DY40	5 600
5. George T. Georgiou, Physician.....	DY30	3 270
6. Eduard Huesing, Physician.....	DY30	3 300
7. Alice B. Racher, Physician.....	DY20	2 300
8. Hans Schnitzler, Physician.....	DY30	3 000
9. _____, Physician	DY30	3 600
10. _____, Physician	DY	12 230
Nonacademic Salaries		22 386
<i>Total, Salaries</i>		(88 336)
Wages.....		2 200
Expense		4 200
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(6 900)
<i>Total, Health Service</i>		<u>\$ 95 236</u>

Medical Research Laboratory

Account Number 05-06-17

1. William C. Dolowy, Administrator.....	DY	\$ 14 300
Nonacademic Salaries		29 692
<i>Total, Salaries</i>		(43 992)
Wages.....		2 300
Expense		400
Equipment		200
<i>Total, Wages, Expense, and Equipment</i>		(2 900)
<i>Total, Medical Research Laboratory</i>		<u>\$ 46 892</u>

Student Affairs

Account Number 05-06-32

1. Maurice Galbraith, Dean of Student Affairs.....	BY	\$ 15 600
2. F. C. Dalla, Director of Chicago Housing Division....	ZDY	.....
Nonacademic Salaries		19 680
<i>Total, Salaries</i>		(35 280)

Wages.....	500
Expense.....	2 320
Equipment.....	600
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(3 420)</i>
<i>Total, Student Affairs</i>	<i>\$ 38 700</i>

Illustration Studios

Account Number 05-06-39

1. A. Hooker Goodwin, Professor of Medical and Dental Illustration and Head of Department.....	AY	\$ 15 250
2. Emil W. Hospodar, Assistant Professor of Medical and Dental Illustration	BY	11 000
3. Ramona Morgan, Instructor in Medical and Dental Illustration	ZDY90	6 840
(Total Salary)		(7 600)
Nonacademic Salaries		42 960
<i>Total, Salaries</i>		<i>(76 050)</i>
Wages.....		1 250
Expense.....		805
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(2 055)</i>
<i>Total, Illustration Studios.....</i>		<i>\$ 78 105</i>

Cooperative Investigations

TRUST — ANONYMOUS — VISUAL EDUCATION

Account Number 50-22-05

1. Ramona Morgan, Instructor in Medical and Dental Illustration	ZDY10	\$ 760
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Business Office

Account Number 05-06-20

1. James E. Osborn, Business Manager of the Chicago Colleges and Divisions.....	ZDY	\$ 16 200
Nonacademic Salaries, Business Manager.....		25 430
Nonacademic Salaries, Accounting.....		48 125
Nonacademic Salaries, Collections.....		20 160
Nonacademic Salaries, Payroll.....		20 040
Nonacademic Salaries, Purchasing.....		66 030
Nonacademic Salaries, General Clerical.....		93 640
<i>Total, Salaries</i>		<i>(289 625)</i>
Wages.....		8 950
Expense.....		61 950
Expense, Nonrecurring		(5 470)
Equipment		3 200
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(74 100)</i>
<i>Total, Business Office</i>		<i>\$363 725</i>

Trust — Indirect Costs — Business Office

Account Number 56-06-03

Nonacademic Salaries	\$ 33 145
<i>Total, Salaries</i>	<i>(33 145)</i>
Expense.....	19 300
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(19 300)</i>
<i>Total, Trust — Indirect Costs — Business Office.....</i>	<i>\$ 52 445</i>

Auditing

Account Number 05-06-23

Nonacademic Salaries	\$ 38 490
<i>Total, Salaries</i>	<i>(38 490)</i>
Wages.....	400
Expense.....	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(1 400)</i>
<i>Total, Auditing</i>	<i>\$ 39 890</i>

Trust — Indirect Costs — Auditing

Account Number 56-06-04	
Nonacademic Salaries	\$ 1 460
<i>Total, Salaries</i>	(1 460)
Expense	150
<i>Total, Wages, Expense, and Equipment</i>	(150)
<i>Total, Trust — Indirect Costs — Auditing</i>	\$ 1 610

Admissions and Records

Account Number 05-06-25	
1. George R. Moon, Associate Dean..... DY	\$ 15 400
Nonacademic Salaries	31 890
<i>Total, Salaries</i>	(47 290)
Wages	650
Expense	7 000
Equipment	700
<i>Total, Wages, Expense, and Equipment</i>	(8 350)
<i>Total, Admissions and Records</i>	\$ 55 640

Nonacademic Personnel

Account Number 05-06-30	
1. George F. McGregor, Associate Director..... DY	\$ 15 550
Nonacademic Salaries	77 820
<i>Total, Salaries</i>	(93 370)
Wages	1 000
Expense	12 450
Equipment	700
<i>Total, Wages, Expense, and Equipment</i>	(14 150)
<i>Total, Nonacademic Personnel</i>	\$107 520

Indirect Costs — Nonacademic Personnel

Account Number 56-06-02	
Nonacademic Salaries	\$ 10 140
Expense	840
<i>Total, Indirect Costs — Nonacademic Personnel</i>	\$ 10 980

Public Information

Account Number 05-06-35	
1. Max Isaac Light, Chicago Manager..... DY	\$ 10 800
Nonacademic Salaries	22 200
<i>Total, Salaries</i>	(33 000)
Wages	700
Expense	5 400
Faculty-Alumni Newsletter	5 600
Equipment	550
<i>Total, Wages, Expense, and Equipment</i>	(12 250)
<i>Total, Public Information</i>	\$ 45 250

General Expenses

Account Number 05-06-65	
Commencement Expense	\$ 4 000
Research Exhibits Expense	1 500
Incidental and Emergency	4 000
Nonrecurring Unassigned	(35 000)
Estimates and Alterations Unassigned.....	(30 000)
Vice-President's Contingent	1 500
General Publications	2 000
Public Functions	1 000
Nonacademic Disability Benefits.....	1 000
University Lectures	1 000
<i>Total, General Expenses</i>	\$ 16 000

COLLEGE OF MEDICINE

General

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 112 050	\$ 31 782	\$ 143 832
Postgraduate.....		1 000	1 000
Anatomy.....	201 296	18 300	219 596
Biological Chemistry.....	179 871	21 250	201 121
Dermatology.....	67 652	5 900	73 552
Medical Social Work.....	188 445	7 300	195 745
Medicine.....	374 794	20 510	395 304
Microbiology.....	192 965	14 100	207 065
Neurology and Neurological Surgery.....	156 933	21 270	178 203
Obstetrics and Gynecology.....	107 688	9 050	116 738
Occupational Therapy.....	126 660	13 400	140 060
Ophthalmology.....	114 996	11 050	126 046
Orthopaedic Surgery.....	79 762	14 000	93 762
Otolaryngology.....	157 940	11 000	168 940
Pathology.....	262 514	18 350	280 864
Pediatrics.....	144 580	12 393	156 973
Pharmacology.....	151 168	16 770	167 938
Physical Medicine and Rehabilitation.....	53 740	2 700	56 440
Physiology.....	212 502	27 000	239 502
Preventive Medicine.....	80 170	6 141	86 311
Psychiatry.....	288 334	17 100	305 434
Public Health.....	34 550	2 800	37 350
Radiology.....	153 730	14 100	167 830
Presbyterian-St. Luke's Hospital.....		60 775	60 775
Surgery.....	245 576	26 200	271 776
<i>Total, General</i>	<i>\$3 687 916</i>	<i>\$404 241</i>	<i>\$4 092 157</i>

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Epilepsy Clinic Revolving.....	\$ 6 072	\$ 300	\$ 6 372
Toxicology Revolving.....	3 300	4 700	8 000
Postgraduate Otolaryngology Revolving.....		8 000	8 000
Estimated Indirect Costs.....	15 000	50 000	65 000
Estimated Endowment Income.....		2 000	2 000
Estimated Private Gifts.....	90 000	33 000	123 000
Estimated U.S. Contracts.....	100 000	172 000	272 000
<i>Total, Instruction</i>	<i>(214 372)</i>	<i>(270 000)</i>	<i>(484 372)</i>
<i>Organized Research</i>			
Estimated Private Gifts.....	300 000	175 000	475 000
Estimated U.S. Contracts.....	1 000 000	720 000	1 720 000
Estimated State Contracts.....	50 000	75 000	125 000
<i>Total, Organized Research</i>	<i>(1 350 000)</i>	<i>(970 000)</i>	<i>(2 320 000)</i>
<i>Total, Restricted</i>	<i>\$1 564 372</i>	<i>\$1 240 000</i>	<i>\$2 804 372</i>

Administration

Account Number 05-12-03		
1. Granville A. Bennett, Dean.....	ZBY	\$ 26 000
2. Donald J. Caseley, Associate Dean.....	ZBY	
3. William J. Grove, Associate Dean.....	ZBY	19 750
4. Nat E. Smith, Assistant Dean.....	ZDY	13 200
5. George E. Miller, Director of Research in Medical Education.....	ZBY	19 750
Nonacademic Salaries.....		33 350
<i>Total, Salaries</i>		<i>(112 050)</i>
Wages.....		1 400
Expense, General.....		13 082
Contingent.....		10 000

Convention Travel	6 400
Equipment	900
<i>Total, Wages, Expense, and Equipment</i>	(31 782)
<i>Total, Administration</i>	\$143 832

Cooperative Investigations

TRUST — MEDICAL EDUCATION RESEARCH COMMONWEALTH FUND
Account Number 50-05-10

1. Lawrence A. Fisher, Associate Director of Research in Medical Education	ZBY	\$ 14 200
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Postgraduate

Account Number 05-12-10

Wages	\$ 200
Expense, General	800
<i>Total, Postgraduate</i>	\$ 1 000

Anatomy

Account Number 05-12-18

1. S. R. M. Reynolds, Professor and Head of Department	AY	\$ 21 500
2. A. R. Cooper, Professor, <i>Emeritus</i>	R	.....
3. E. Lloyd DuBrul, Professor	ZAY	.....
4. O. F. Kampmeier, Professor, <i>Emeritus</i>	R	.....
5. Robert H. Krehbiel, Professor	A	13 250
6. James C. Plagge, Professor	AY	16 000
7. Parke H. Simer, Professor	A	14 700
8. Gerhardt von Bonin, Professor, <i>Emeritus</i>	R	.....
9. Arnold A. Zimmermann, Professor, <i>Emeritus</i>	R	.....
10. Yngve Joranson, Associate Professor, <i>Emeritus</i>	R	.....
11. L. M. H. Larramendi, Associate Professor	AY	11 000
12. Arthur La Velle, Associate Professor	AY	11 800
13. Harry Monsen, Associate Professor	AY	11 000
14. A. J. Schmidt, Associate Professor	AY	11 000
15. ———, Associate Professor	DY	11 500
16. Vincent J. Defeo, Assistant Professor	BY	10 000
17. Edith K. MacRae, Assistant Professor	BY	10 100
18. Helen C. Maibenco, Assistant Professor	BY	9 900
19. Pierson J. Vanalten, Assistant Professor	BY	9 800
20. 1.50 Full-time Equivalent Assistants	E	6 300
Nonacademic Salaries		33 446
<i>Total, Salaries</i>		(201 296)
Wages		1 600
Expense		14 200
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(18 300)
<i>Total, Anatomy</i>		\$219 596

Biological Chemistry

Account Number 05-12-27

1. Richard J. Winzler, Professor and Head of Department	AY	\$ 21 750
2. Olaf Bergeim, Professor, <i>Emeritus</i>	R	.....
3. Stephen B. Binkley, Professor	AY	17 550
4. Leo G. Abood, Associate Professor of Neurophysiology	ZAY10	1 190
(Total Salary)		(11 930)
5. Henry Jeffay, Associate Professor	AY	12 500
(On leave with pay second semester 1962-63)		
6. C. A. Johnson, Associate Professor	AY	11 850
7. Paul Kohn, Associate Professor	AY	12 500
8. Terrell C. Myers, Associate Professor	AY	14 550
9. Bernard Weissmann, Associate Professor	AY	12 300
10. ———, Associate Professor	AY	12 600
11. Edward B. Titchener, Assistant Professor	BY	10 950
12. ———, Assistant Professor	BY	9 100

13. 2.65 Full-time Equivalent Assistants.....	E	12 275
Nonacademic Salaries		30 756
<i>Total, Salaries</i>		(179 871)
Wages.....		1 700
Expense		17 550
Equipment		2 000
<i>Total, Wages, Expense, and Equipment</i>		(21 250)
<i>Total, Biological Chemistry</i>		\$201 121

Cooperative Investigations**TRUST — AMERICAN CANCER SOCIETY**

Account Number 50-12-50

1. Rita C. Hoffman, Research Assistant.....	DY	\$ 4 900
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TRUST — U.S. PUBLIC HEALTH SERVICE A1543

Account Number 55-21-15

1. Julian Alvarez, Research Assistant.....	DY	\$ 7 200
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TRUST—U.S. PUBLIC HEALTH SERVICE RG6686C1

Account Number 55-21-29

1. D. A. Dennen, Research Assistant.....	DY	\$ 4 900
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TRUST — U.S. PUBLIC HEALTH SERVICE A2479C1

Account Number 55-21-59

1. Gerald L. Rowin, Research Assistant.....	DY	\$ 4 900
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TRUST — U.S. MD2133

Account Number 55-22-15

1. Ralph H. Kathan, Research Associate.....	DY	\$ 7 800
2. Samuel Koorajian, Research Associate.....	DY	6 500
3. June D. Louch, Research Assistant.....	DY	7 500

Total, Trust — U.S. MD2133..... \$ 21 800

TRUST — U.S. PUBLIC HEALTH SERVICE CY2347C6

Account Number 55-35-81

1. Irene Bornstein, Research Assistant.....	DY	\$ 6 300
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Dermatology

Account Number 05-12-36

1. Adolph Rostenberg, Professor and Head of Department	AY	\$ 21 300
2. Theodore Cornbleet, Clinical Professor.....	AY30	3 200
3. Harold Shellow, Clinical Associate Professor.....	AY10	1 400
4. F. J. Szymanski, Clinical Associate Professor.....	AY16	2 900
5. Louise E. Tavs, Clinical Associate Professor.....	AY20	2 500
6. _____, Associate Professor.....	AY	15 000
7. Roland S. Medansky, Clinical Instructor.....	DY20	2 050
Nonacademic Salaries		19 302
<i>Total, Salaries</i>		(67 652)
Wages.....		300
Expense		4 400
Equipment		1 200
<i>Total, Wages, Expense, and Equipment</i>		(5 900)
<i>Total, Dermatology</i>		\$ 73 552

Cooperative Investigations**TRUST — NATIONAL FUND FOR MEDICAL EDUCATION**

Account Number 50-21-10

1. George B. Meagher, Assistant.....	FY	\$ 4 900
(Effective July 1, 1962)		

Medical Social Work

Account Number 05-12-41

1. Carol H. Preucil, Associate Professor and Head of Department.....	AY	\$ 13 200
2. Dorothy Large, Associate Professor.....	AY	10 100
3. Lois E. Binns, Assistant Professor.....	BY	8 750

4. Constance Fraser, Assistant Professor.....	ZBY50	4 025
(Total Salary)		(8 050)
5. Kathryn E. Hepler, Assistant Professor.....	BY	9 450
6. Helen R. Lockhart, Assistant Professor.....	BY	8 400
7. Natalie R. Seltzer, Assistant Professor.....	BY	8 150
8. Marie Waite, Assistant Professor, <i>Emerita</i>	R	.....
9. _____, Assistant Professor.....	BY	8 200
10. Dolores A. Exum, Instructor.....	DY	6 850
11. Mary Elston Goss, Instructor.....	DY	6 800
12. Ruth W. Helms, Instructor.....	DY	6 900
13. Margaret L. Johnson, Instructor.....	DY	7 000
14. Helen J. Lane, Instructor.....	DY	7 700
15. Lois E. Natusch, Instructor.....	DY	6 450
16. Jean V. Prosser, Instructor.....	DY	6 750
17. Helen J. Read, Instructor.....	DY	7 050
(Handicapped Children's Center)		
18. Jean Robertson, Instructor.....	DY	6 850
19. Ramona J. Teason, Instructor.....	DY	7 600
20. _____, Instructor.....	DY	6 200
21. _____, Instructor.....	DY	7 500
(Effective July 1, 1962)		
22. _____, Instructor.....	DY	6 200
Nonacademic Salaries		28 320
Total, Salaries		(188 445)
Wages.....		200
Expense		6 300
Equipment		800
Total, Wages, Expense, and Equipment.....		(7 300)
Total, Medical Social Work.....		\$195 745

Cooperative Investigations

TRUST — NATIONAL FUND FOR MEDICAL EDUCATION

Account Number 50-23-01

1. Victor J. Engandela, Instructor..... DY \$ 6 500

TRUST — MEDICAL SOCIAL WORK — UNIVERSITY OF CHICAGO

Account Number 50-23-05

1. Aleanor Merrifield, Assistant Professor..... BY \$ 8 250

TRUST — U.S. PUBLIC HEALTH SERVICE E6090C4

Account Number 55-35-19

1. Sheila A. Callaghan, Instructor..... DY \$ 6 600

Medicine

Account Number 05-12-42

1. Harry F. Dowling, Professor and Head of Department	ZAY	\$ 27 750
2. David I. Abramson, Professor.....	ZAY	.....
3. Carroll L. Birch, Professor.....	AY	12 250
4. Nicholas Cotsonas, Professor.....	AY	18 800
5. Edmund F. Foley, Professor.....	AY50	6 125
6. Ford K. Hick, Professor.....	ZAY50	6 125
7. George G. Jackson, Professor.....	AY	21 200
8. Robert M. Kark, Professor.....	AY90	15 300
9. Louis R. Limarzi, Professor.....	AY60	7 350
10. George E. Miller, Professor.....	ZAY	.....
11. M. M. Montgomery, Professor.....	AY80	15 350
12. Norman B. Roberg, Professor.....	AY80	16 100
13. Max Samter, Professor.....	AY90	14 500
14. Harry A. Bliss, Associate Professor.....	ZAY	16 300
15. Marvin J. Colbert, Associate Professor.....	ZAY	.....
16. A. B. Kendrick, Associate Professor.....	AY	10 000
17. F. Steigmann, Clinical Associate Professor.....	AY20	1 710
18. Basil Anast, Assistant Professor of Parasitology.....	ZBY50	4 050
(Total Salary)		(6 885)
19. Truman O. Anderson, Assistant Professor.....	BY	9 000

20. William R. Best, Assistant Professor.....	ZBY15	2 000
(Total Salary)		(12 000)
21. George J. Brebis, Assistant Professor.....	BY50	3 975
22. Robert W. Carton, Assistant Professor.....	ZBY70	7 800
(Total Salary)		(11 150)
23. Moses Goldwasser, Assistant Professor, <i>Emeritus</i>	R	.....
24. Hans G. Griebel, Assistant Professor.....	BY	9 800
25. Rolf M. Gunnar, Assistant Professor.....	BY90	13 500
26. Edsel K. Hudson, Assistant Professor.....	BY90	7 350
(Effective July 1, 1962)		
27. Georgiana Jagiello, Assistant Professor.....	BY	9 100
28. Robert J. Ryan, Assistant Professor.....	ZBY67	8 975
(Total Salary)		(13 400)
29. Nat E. Smith, Assistant Professor.....	ZBY	.....
30. _____, Assistant Professor.....	BY	10 250
31. J. M. Dyniewicz, Instructor and Research Chemist.....	DY	6 700
32. Jerome J. Hahn, Instructor.....	FY	7 200
(Effective July 1, 1962)		
33. Abdul S. Abbasi, Research Assistant.....	FY	4 900
(Effective July 1, 1962)		
34. _____, Research Assistant.....	DY	6 350
35. 0.93 Full-time Equivalent Assistants.....	DY	4 580
Nonacademic Salaries		70 404
<i>Total, Salaries</i>		(374 794)
Wages.....		400
Expense		15 670
Expense, Allergy		2 000
Equipment.....		2 440
<i>Total, Wages, Expense, and Equipment</i>		(20 510)
<i>Total, Medicine</i>		\$395 304

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE HT300C10

Account Number 55-15-28

1. Herschel L. Browns, Clinical Assistant Professor..... BY30 \$ 2 550

TRUST — U.S. PUBLIC HEALTH SERVICE CA04912

Account Number 55-35-02

1. John Louis, Research Associate..... ZDY45 \$ 4 250
(Total Salary)

(8 500)

TRUST — U.S. PUBLIC HEALTH SERVICE CY4985C2

Account Number 55-35-08

1. John Louis, Research Associate..... ZDY45 \$ 4 250

TRUST — U.S. PUBLIC HEALTH SERVICE H2253C5

Account Number 55-35-15

1. Roy C. McClain, Research Assistant..... DY \$ 6 100

TRUST — U.S. PUBLIC HEALTH SERVICE E1690C4

Account Number 55-35-19

1. Robert W. Carton, Assistant Professor..... ZBY30 \$ 3 350

TRUST — U.S. PUBLIC HEALTH SERVICE E1949C4

Account Number 55-35-34

1. Vera M. Kozij, Research Assistant..... DY \$ 5 350

TRUST — U.S. PUBLIC HEALTH SERVICE E4059

Account Number 55-35-41

1. Donald G. Chatman, Research Assistant..... DY \$ 5 750

TRUST — U.S. MD421

Account Number 55-35-65

1. Robert L. Muldoon, Research Associate..... DY \$ 8 500

2. Gloria Johnson, Research Assistant..... DY 5 550

3. Sylvia A. Labzars, Research Assistant..... DY 5 100

Total, Trust — U.S. MD421..... \$19 150

TRUST—U.S. PUBLIC HEALTH SERVICE 1659C2

Account Number 55-35-72

1. Basil Anast, Assistant Professor of Parasitology..... ZBY35 \$ 2 835

TRUST—U.S. PUBLIC HEALTH SERVICE 2E208

Account Number 55-35-74

1. Margaret Melody, Research Assistant..... DY \$ 7 050

TRUST—U.S. PUBLIC HEALTH SERVICE 2347C7

Account Number 55-35-87

1. William R. Best, Assistant Professor..... ZBY75 \$ 10 000

TRUST—U.S. PUBLIC HEALTH SERVICE 2A5105C4

Account Number 55-35-94

1. Robert J. Ryan, Assistant Professor..... ZBY33 \$ 4 425

TRUST—U.S. PUBLIC HEALTH SERVICE OG21R1

Account Number 55-36-07

1. Malcolm M. Stanley, Professor..... AY \$ 21 000

TRUST—U.S. PUBLIC HEALTH SERVICE C7630C11—CANCER TRAINING

Account Number 55-65-17

1. Samuel G. Taylor, Associate Professor..... AY40 \$ 3 420

Microbiology

Account Number 05-12-44

1. Milan V. Novak, Professor and Head of Department..	ZAY90	\$ 19 350
(Total Salary)		(21 500)
2. J. E. Kempf, Professor.....	AY	15 600
3. Carolyn W. Hammond, Associate Professor.....	AY	10 300
4. Leon J. LeBeau, Associate Professor.....	AY	11 100
5. Esther Meyer, Associate Professor.....	AY	11 600
6. Robert W. Pumper, Associate Professor.....	AY	11 500
7. Edward E. Vicher, Associate Professor.....	AY	12 600
8. Newton Khoobyarian, Assistant Professor.....	BY	10 300
9. Arthur V. Kroeger, Assistant Professor.....	BY	10 000
10. Louis R. Sibal, Assistant Professor.....	BY	9 000
11. Roy W. Snyder, Instructor.....	DY	8 300
12. ———, Instructor	DY	8 300
13. 3.20 Full-time Equivalent Assistants.....	E	13 450
Nonacademic Salaries		41 565
<i>Total, Salaries</i>		(192 965)
Wages.....		1 700
Expense		8 400
Equipment		4 000
<i>Total, Wages, Expense, and Equipment</i>		(14 100)
<i>Total, Microbiology</i>		\$207 065

Neurology and Neurological Surgery

Account Number 05-12-45

1. Eric Oldberg, Professor and Head of Department.....	AY75	\$ 17 450
2. Orville T. Bailey, Professor of Neurology.....	AY	21 000
3. Percival Bailey, Distinguished Professor of Neurology, <i>Emeritus</i>	R	.....
4. John S. Garvin, Clinical Professor of Neurology.....	AY40	4 500
5. Frederic A. Gibbs, Professor of Electroencephalog- raphy.....	AY75	9 200
6. Ben W. Lichtenstein, Clinical Professor of Neurology	AY25	2 700
7. Oscar Sugar, Professor of Neurological Surgery.....	AY50	7 000
8. ———, Professor of Neurology.....	AY20	3 000
9. I. B. Diamond, Assistant Professor, <i>Emeritus</i>	R	.....
10. Gerhard Nellhaus, Assistant Professor of Neurology..	ZBY45	7 000
(Total Salary)		(14 000)
11. Paul R. Rosenbluth, Clinical Associate in Neurology..	DY25	1 800
12. Frederick W. Stamps, Research Associate in Neurology	ZDY45	6 500
(Total Salary)		(13 000)

13. Roland A. Manfredi, Clinical Instructor in Neurology	DY25	1 800
14. Erna L. Gibbs, Research Assistant in Electroencephalography	DY	6 000
Nonacademic Salaries		68 983
<i>Total, Salaries</i>		(156 933)
Wages, Neurology		5 400
Wages, Epilepsy Clinic		800
Expense, Neurology		9 400
Expense, Epilepsy Clinic		5 000
Equipment		670
<i>Total, Wages, Expense, and Equipment</i>		(21 270)
<i>Total, Neurology and Neurological Surgery</i>		\$178 203

Epilepsy Clinic Revolving

Account Number 07-12-10

1. Catherine L. Rich, Research Assistant in Neurology	DY	\$ 6 072
Expense		300
<i>Total, Epilepsy Clinic Revolving</i>		\$ 6 372

Cooperative Investigations

TRUST — RIKER LABORATORY

Account Number 50-52-61

1. Hyman Mackler, Research Associate in Neurology	DY40	\$ 3 600
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TRUST — CRIPPLED CHILDREN'S BUREAU — CONSULTATION

CLINIC — EPILEPSY

EPILEPSY

Account Number 53-12-10

1. Frederick W. Stamps, Research Associate in Neurology	ZDY45	\$ 6 500
2. Seymour Metrick, Clinical Instructor in Neurology	DY20	1 680
<i>Total, Trust — Crippled Children's Bureau — Consultation Clinic — Epilepsy</i>		\$ 8 180

Obstetrics and Gynecology

Account Number 05-12-48

1. William F. Mengert, Professor and Head of Department	AY	\$ 26 800
2. W. H. Browne, Clinical Professor, <i>Emeritus</i>	R	.....
3. F. H. Falls, Professor, <i>Emeritus</i>	R	.....
4. Vincent C. Freda, Clinical Associate Professor	AY40	5 200
5. Harold Kaminetzky, Associate Professor	AY	16 700
6. Robert C. Burchell, Assistant Professor	BY	13 200
7. Peter Siegel, Assistant Professor	BY	11 600
8. _____, Assistant Professor	BY	12 888
Nonacademic Salaries		21 300
<i>Total, Salaries</i>		(107 688)
Wages		750
Expense		6 400
Equipment		1 900
<i>Total, Wages, Expense, and Equipment</i>		(9 050)
<i>Total, Obstetrics and Gynecology</i>		\$116 738

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE C7630C11

Account Number 55-65-17

1. Michael Farmans, Instructor	DY50	\$ 3 000
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Occupational Therapy

Account Number 05-12-49

1. Beatrice D. Wade, Associate Professor and Head of Department	AY	\$ 12 800
2. Dorothy T. Hruby, Assistant Professor	BY	7 950
3. Carol J. Schad, Assistant Professor	BY	7 950
4. Mildred L. Sleeper, Assistant Professor	BY	7 950
5. _____, Assistant Professor	BY	8 500

6. Nedra A. Gillette, Instructor.....	DY	7 500
7. Patricia A. Kelsey, Instructor.....	DY	7 400
8. Dorothy K. Omori, Instructor.....	DY	7 100
9. Shirley Perlmutter, Instructor.....	DY	6 550
(Handicapped Children's Center)		
10. Patricia A. Tiernan, Instructor.....	DY	7 400
11. _____, Instructor	DY	6 300
(Effective July 1, 1962)		
12. Catherine Hoffman, Assistant.....	DY	6 000
13. Sherry M. Lund, Assistant.....	DY	5 700
14. Barbara J. Sharpe, Assistant.....	DY	5 500
15. 0.25 Full-time Equivalent Assistants.....	E	1 600
Nonacademic Salaries		20 460
<i>Total, Salaries</i>		(126 660)
Wages.....		1 900
Expense		9 500
Equipment		2 000
<i>Total, Wages, Expense, and Equipment</i>		(13 400)
<i>Total, Occupational Therapy</i>		\$140 060

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE OVR10660

Account Number 55-45-17

1. Diane S. Ritter, Assistant.....	DY	\$ 5 600
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Ophthalmology

Account Number 05-12-51

1. P. C. Kronfeld, Professor, Head of Department, and Ophthalmologist-in-Chief.....	ZAY	\$ 24 000
2. Hallard Beard, Professor, <i>Emeritus</i>	R	.....
3. Maurice D. Pearlman, Clinical Associate Professor.....	AY40	4 500
(Handicapped Children's Center 20 per cent)		
4. Robert L. Allen, Clinical Assistant Professor.....	BY45	4 700
5. Eugene R. Folk, Assistant Professor.....	BY50	5 600
6. Erwin E. Grossman, Lecturer with rank of Assistant Professor	BY10	900
7. Harold Q. Kirk, Clinical Assistant Professor.....	BY15	1 500
8. James E. McDonald, Assistant Professor.....	BY60	6 900
9. Howard L. Wilder, Assistant Professor.....	BY25	3 000
10. _____, Assistant Professor.....	BY	13 800
11. Michael V. Hinken, Instructor.....	DY65	6 000
12. Paul J. Schmidt, Instructor.....	FY75	6 000
(Effective July 1, 1962)		
13. _____, Instructor	DY50	3 600
Nonacademic Salaries		34 496
<i>Total, Salaries</i>		(114 996)
Wages.....		1 150
Expense		8 400
Equipment		1 500
<i>Total, Wages, Expense, and Equipment</i>		(11 050)
<i>Total, Ophthalmology</i>		\$126 046

Orthopaedic Surgery

Account Number 05-12-54

1. Robert D. Ray, Professor and Head of Department....	AY50	\$ 12 900
2. Fred W. Hark, Clinical Professor.....	AY25	3 850
3. C. N. Lambert, Clinical Professor.....	AY35	4 350
4. Theodore A. Fox, Clinical Associate Professor.....	AY35	3 750
5. Charles V. Heck, Clinical Associate Professor.....	AY35	3 750
6. Henry W. Apfelbach, Clinical Assistant Professor.....	BY35	3 100
7. Francis M. Howard, Clinical Assistant Professor.....	BY35	3 100
8. Joseph Elias Miller, Assistant Professor.....	ZBY50	6 000
(Total Salary)		(12 000)

9. Sid J. Shafer, Clinical Assistant Professor.....	BY20	2 200
10. John B. Griffin, Clinical Instructor..... (Handicapped Children's Center)	DY30	2 850
Nonacademic Salaries		33 912
<i>Total, Salaries</i>		(79 762)
Wages.....		500
Expense		10 500
Equipment		3 000
<i>Total, Wages, Expense, and Equipment</i>		(14 000)
<i>Total, Orthopaedic Surgery</i>		\$ 93 762

Cooperative Investigations

TRUST — NATIONAL FUND FOR MEDICAL EDUCATION

Account Number 50-33-35

1. Joseph Elias Miller, Assistant Professor.....	ZBY50	\$ 6 000
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Otolaryngology

Account Number 05-12-57

1. Francis L. Lederer, Professor, Head of Department, and Otolaryngologist-in-Chief	AY80	\$ 17 550
2. Paul H. Holinger, Professor of Bronchoesophagology..	AY48	6 250
3. Frederic J. Pollock, Associate Professor.....	AY50	7 050
4. Emanuel M. Skolnik, Associate Professor..... (Total Salary)	ZAY50	5 800 (7 800)
5. Burton J. Soboroff, Associate Professor.....	AY50	6 300
6. ———, Associate Professor of Audiology.....	DY	10 000
7. ———, Associate Professor and Director of Speech and Hearing Center.....	AY	11 250
8. Richard A. Buckingham, Assistant Professor.....	BY50	5 100
9. Charles R. Elliott, Assistant Professor.....	ZBY	.....
10. Arthur Loewy, Assistant Professor.....	BY50	5 400
11. William H. Plotkin, Assistant Professor of Clinical Speech.....	BY	9 000
12. ———, Assistant Professor of Clinical Psychology	BY	7 950
13. Marilyn M. McHale, Instructor in Audiology.....	DY	7 000
14. H. Schotland, Instructor in Speech..... (Handicapped Children's Center)	DY	7 350
Nonacademic Salaries		51 940
<i>Total, Salaries</i>		(157 940)
Wages		600
Expense		9 400
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(11 000)
<i>Total, Otolaryngology</i>		\$168 940

Postgraduate Revolving

Account Number 07-12-26

Expense		\$ 8 000
<i>Total, Postgraduate Revolving</i>		\$ 8 000

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE B1711C1

Account Number 55-49-08

1. Nicholas Torok, Clinical Associate Professor.....	AY20	\$ 2 000
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TRUST — U.S. PUBLIC HEALTH SERVICE C7630C11 —
CANCER TRAINING

Account Number 55-65-17

1. Joseph G. Schoolman, Clinical Associate Professor.....	AY35	\$ 3 000
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Pathology

Account Number 05-12-60

1. Cecil A. Krakower, Professor and Head of Department	ZAY	\$ 27 500
(On leave with pay October, 1962, to March, 1963)		

2. Granville A. Bennett, Professor.....	ZAY	.....
3. H. R. Catchpole, Research Professor.....	AY	13 700
4. John B. Fuller, Professor.....	ZAY	20 500
5. S. A. Levinson, Professor, <i>Emeritus</i>	R	.....
6. Elizabeth A. McGrew, Professor.....	ZAY	17 350
7. George Milles, Clinical Professor.....	A20	3 000
8. Conrad L. Pirani, Professor.....	ZAY	21 100
9. Kurt Stern, Professor.....	ZAY	20 300
10. Aaron Learner, Clinical Associate Professor.....	AY10	1 200
11. Elie P. Leroy, Associate Professor.....	ZAY	17 350
12. Donald R. Russ, Associate Professor.....	ZAY	17 100
13. Esther L. Cheatle, Assistant Professor.....	ZBY	14 250
14. H. H. Friederici, Assistant Professor.....	ZBY	12 200
15. Ruth Wong, Assistant Professor.....	ZBY	14 500
16. Seymour Greenspon, Research Associate.....	DY	9 900
17. James C. Pritchard, Instructor.....	ZDY	5 900
18. ———, Assistant.....	DY	4 900
Nonacademic Salaries.....		41 764
<i>Total, Salaries</i>		(262 514)
Wages.....		3 400
Wages, Undergraduate Lectures.....		5 000
Expense.....		8 300
Equipment.....		1 650
<i>Total, Wages, Expense, and Equipment</i>		(18 350)
<i>Total, Pathology</i>		\$280 864

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE HT300C10

Account Number 55-15-27

1. Otto Saphir, Clinical Professor.....	DY10	\$ 1 200
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TRUST — U.S. PUBLIC HEALTH SERVICE A968C5

Account Number 55-47-10

1. Agostino Molteni, Research Assistant.....	DY	\$ 4 900
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Pediatrics

Account Number 05-12-63

1. Irving Schulman, Professor and Head of Department...	AY	\$ 25 600
2. I. Pat Bronstein, Professor.....	AY70	11 100
3. Heyworth N. Sanford, Professor, <i>Emeritus</i>	R	.....
4. Ralph Spaeth, Clinical Professor.....	AY35	3 450
5. Marvin Cornblath, Associate Professor.....	AY	18 500
6. Edward F. Lis, Associate Professor.....	ZAY	.....
7. Kareem B. Minhas, Associate Professor.....	AY	11 500
8. Ira M. Rosenthal, Associate Professor.....	AY	17 500
9. Charles F. Abildgaard, Assistant Professor.....	ZBY50	5 350
(Total Salary).....		(11 500)
10. Anne Bohning, Assistant Professor, <i>Emerita</i>	R	.....
11. Andre Chabot, Assistant Professor.....	BY	8 650
12. John S. Hyde, Assistant Professor.....	BY50	5 300
13. Melvin A. Krugly, Clinical Assistant Professor.....	BY25	2 200
14. Michael Limosani, Clinical Assistant Professor.....	BY40	3 200
15. Gerhard Nellhaus, Assistant Professor.....	ZBY45	7 000
(Total Salary).....		(14 000)
16. Henrietta K. Sachs, Assistant Professor.....	BY	8 350
17. Nerissa P. Singh, Assistant Professor.....	BY50	4 300
18. Luis Trevino, Assistant Professor.....	ZBY	.....
19. Danuta U. Buzdygan, Instructor.....	DY50	3 600
20. Rute Medenis, Instructor.....	ZDY33	2 800
(Total Salary).....		(6 200)
Nonacademic Salaries.....		6 180
<i>Total, Salaries</i>		(144 580)
Wages.....		2 300

Expense	9 033
Equipment	1 060
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(12 393)</i>
<i>Total, Pediatrics</i>	<i>\$156 973</i>

Cooperative Investigations**TRUST — NATIONAL FUND FOR MEDICAL EDUCATION**

Account Number 50-42-01

1. Floy C. Helwig, Instructor.....	DY40	\$ 4 100
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TRUST — U.S. PUBLIC HEALTH SERVICE CYP4985

Account Number 55-35-08

1. Rute Medenis, Instructor.....	ZDY67	\$ 3 400
2. Gertrude Asrow, Research Assistant.....	DY	7 200
(Effective July 1, 1962)		

Total, Trust — U.S. Public Health Service CYP4985.. *\$ 10 600*

TRUST — U.S. PUBLIC HEALTH SERVICE RG9630

Account Number 55-48-01

1. Charles Abildgaard, Assistant Professor.....	ZBY50	\$ 6 150
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Pharmacology

Account Number 05-12-66

1. Klaus R. Unna, Professor and Head of Department....	AY	\$ 21 300
(On leave with pay for six months from February 1, 1963)		
2. W. J. R. Camp, Professor of Pharmacology and Toxicology and State Toxicologist.....	AY	16 000
3. H. A. McGuigan, Professor, <i>Emeritus</i>	R	.....
4. T. R. Sherrod, Professor.....	AY	14 900
5. Martin P. Schulman, Associate Professor.....	AY	13 600
6. Cedric M. Smith, Associate Professor.....	AY	14 600
7. Gerald A. Kien, Assistant Professor.....	B	9 700
8. Xenia Machne, Assistant Professor.....	B	9 500
9. _____, Assistant Professor.....	B	8 500
10. Joy Paul David, Instructor.....	DY	8 100
11. 0.90 Full-time Equivalent Assistants.....	E	4 158
Nonacademic Salaries		30 810
<i>Total, Salaries</i>		<i>(151 168)</i>
Wages.....		500
Expense, Pharmacology		13 500
Expense, Toxicology		1 100
Equipment, Pharmacology		1 670
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(16 770)</i>
<i>Total, Pharmacology</i>		<i>\$167 938</i>

Toxicology Revolving

Account Number 07-12-15

1. 0.75 Full-time Equivalent Assistants.....	E	\$ 3 300
Wages.....		1 200
Expense.....		3 500
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(8 000)</i>
<i>Total, Toxicology Revolving.....</i>		<i>\$ 8 000</i>

Cooperative Investigations**TRUST — U.S. PUBLIC HEALTH SERVICE B973C5**

Account Number 55-50-45

1. Satoshi Murayama, Research Associate.....	DY	\$ 7 000
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Physical Medicine and Rehabilitation

Account Number 05-12-72

1. David I. Abramson, Professor and Head of Department	ZAY80	\$ 16 700
2. Edward E. Gordon, Clinical Associate Professor.....	AY20	2 600

3. Shun Wu Chu, Assistant Professor.....	BY	12 050
4. _____, Assistant (Handicapped Children's Center)	DY	5 670
5. Agenor M. Zayas, Assistant.....	DY	5 650
Nonacademic Salaries		11 070
<i>Total, Salaries</i>		(53 740)
Expense		2 100
Equipment		600
<i>Total, Wages, Expense, and Equipment</i>		(2 700)
<i>Total, Physical Medicine and Rehabilitation</i>		\$ 56 440

Cooperative Investigations

TRUST—U.S. PUBLIC HEALTH SERVICE H2568C4

Account Number 55-52-09

1. Sammie Tuck, Jr., Research Assistant.....	DY	\$ 6 250
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Physiology

Account Number 05-12-75

1. Arnold Veryl Wolf, Professor and Head of Department	AY	\$ 21 500
2. R. C. Ingraham, Professor.....	AY	16 300
3. A. C. Ivy, Distinguished Professor, <i>Emeritus</i>	R	.....
4. John P. Marbarger, Professor.....	ZAY	.....
5. C. I. Reed, Professor, <i>Emeritus</i>	R	.....
6. William Whitehorn, Professor.....	AY	16 200
7. Norman R. Alpert, Associate Professor.....	AY	14 610
8. Jay B. Best, Associate Professor.....	AY	13 800
9. Ruven Greenberg, Associate Professor.....	AY	14 400
10. Akira Omachi, Associate Professor.....	AY	12 550
11. Neena Schwartz, Associate Professor.....	AY	12 750
12. Sabath F. Marotta, Assistant Professor.....	ZBY	.....
13. J. Langdon Taylor, Assistant Professor.....	BY	9 500
14. Henry Tedeschi, Assistant Professor.....	BY	9 800
15. Henry L. McCrorey, Instructor.....	DY	7 800
16. 3.40 Full-time Equivalent Assistants.....	E	14 500
Nonacademic Salaries		48 792
<i>Total, Salaries</i>		(212 502)
Wages.....		2 100
Expense		23 200
Equipment		1 700
<i>Total, Wages, Expense, and Equipment</i>		(27 000)
<i>Total, Physiology</i>		\$239 502

Cooperative Investigations

TRUST—NATIONAL FUND FOR MEDICAL EDUCATION

Account Number 50-51-23

1. Arthur Grimm, Instructor.....	ZDY50	\$ 4 750
(Total Salary)		(9 500)

Preventive Medicine

Account Number 05-12-78

1. Mark H. Lepper, Professor and Head of Department...	AY	\$ 22 750
2. Adrian M. Ostfeld, Associate Professor.....	AY	15 700
3. Sol Roy Rosenthal, Associate Professor.....	ZAY	.....
4. John M. Levitsky, Assistant Professor.....	BY	13 100
5. _____, Director of Rehabilitation Center..... (Effective July 1, 1962)	DY80	12 800
6. Jeannette Norsen, Research Assistant.....	ZDY80	4 900
(Total Salary)		(6 200)
Nonacademic Salaries		10 920
<i>Total, Salaries</i>		(80 170)
Wages.....		750
Expense		4 000

Expense, Rehabilitation	1 091
Equipment	300
<i>Total, Wages, Expense, and Equipment</i>	(6 141)
<i>Total, Preventive Medicine</i>	\$ 86 311

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE 4550

Account Number 55-57-09

1. Jeannette Norsen, Research Assistant..... ZDY20 \$ 1 300

TRUST — U.S. PUBLIC HEALTH SERVICE AP110C2

Account Number 55-57-27

1. Harvey L. Echols, Research Assistant..... DY \$ 7 000

Psychiatry

Account Number 05-12-81

1. Melvin Sabshin, Professor and Head of Department....	AY	\$ 24 000
2. Franz G. Alexander, Clinical Professor, <i>Emeritus</i>	R	.....
3. Percival Bailey, Clinical Professor, <i>Emeritus</i>	R	.....
4. Beulah C. Bosselman, Professor.....	AY50	7 250
5. Hugh T. Carmichael, Professor.....	AY80	16 200
6. Alexander Geiger, Professor of Neurophysics.....	AY	12 250
7. Francis J. Gerty, Professor, <i>Emeritus</i>	R	.....
8. Ernest A. Haggard, Professor of Psychology.....	AY	14 700
9. Irene Josselyn, Clinical Professor, <i>Emerita</i>	R	.....
10. L. J. Medina, Professor.....	AY53	6 550
11. George Mohr, Clinical Professor, <i>Emeritus</i>	R	.....
12. Irene Sherman, Clinical Associate Professor, <i>Emerita</i> ..	R	.....
13. Lucia E. Tower, Clinical Professor.....	AY25	4 000
14. Orville S. Walters, Lecturer in Psychiatry with rank of Professor	ZAY	.....
15. Leo G. Abood, Associate Professor of Neurophysics....	ZAY90	10 740
(Total Salary)		(11 930)
16. Helen Beiser, Clinical Associate Professor.....	AY25	3 500
17. Peter Giovacchini, Clinical Associate Professor.....	ZAY25	3 400
(Total Salary)		(5 450)
18. Kalman Gyarfás, Associate Professor.....	AY70	10 500
19. Joel S. Handler, Clinical Associate Professor.....	AY35	5 000
20. Kyozo Koketsu, Associate Professor of Neurophysics..	AY	10 000
21. George H. Pollock, Clinical Associate Professor.....	AY25	3 300
22. ———, Associate Professor of Psychology in Psy- chiatry and Psychology.....	AY	12 000
23. Seymour Chaplik, Clinical Assistant Professor.....	BY35	4 550
24. Patrick Israel, Clinical Assistant Professor.....	BY25	3 650
25. Robert S. Levine, Assistant Professor.....	BY50	7 100
26. John Loesch, Assistant Professor.....	ZBY90	12 850
(Total Salary)		(14 300)
27. Clifton C. Rhead, Clinical Assistant Professor.....	ZBY	.....
28. Aubrey L. Ruess, Assistant Professor of Psychology..	BY	9 550
(Handicapped Children's Center)		
(On leave with one-half pay 1962-63)		
29. Harold M. Visotsky, Clinical Assistant Professor.....	BY20	2 600
30. Edward M. Wasserman, Assistant Professor.....	BY50	7 000
31. Evelyn K. McDonald, Instructor.....	DY80	10 400
32. Donald A. Ross, Instructor in Psychology.....	ZDY	.....
33. Alexander T. Smith, Clinical Instructor.....	DY25	2 500
34. ———, Instructor	DY85	7 800
Nonacademic Salaries		76 944
<i>Total, Salaries</i>		(288 334)
Wages.....		2 100
Expense		14 000
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(17 100)
<i>Total, Psychiatry</i>		\$305 434

Cooperative Investigations**TRUST — MARKLE FOUNDATION**

Account Number 50-54-08

- | | | |
|--|-------|----------|
| 1. John Loesch, Assistant Professor..... | ZBY10 | \$ 1 450 |
|--|-------|----------|

TRUST — U.S. PUBLIC HEALTH SERVICE MY2302C3

Account Number 55-57-08

- | | | |
|---|------|------------------|
| 1. Binyamin Lebovits, Research Associate..... | DY35 | \$ 3 800 |
| 2. Richard B. Shekelle, Research Associate..... | DY80 | 7 200 |
| <i>Total, Trust — U.S. Public Health Service MY2302C3</i> | | <u>\$ 11 000</u> |

TRUST — STATE DEPARTMENT OF MENTAL HEALTH

Account Number 55-60-05

- | | | |
|--|-------|------------------|
| 1. Peter Giovacchini, Clinical Associate Professor..... | ZAY15 | \$ 2 050 |
| 2. Gisela Mendel, Research Associate..... | DY | 9 100 |
| 3. Louise Allen, Research Assistant..... | DY | 7 000 |
| 4. Paul R. Cekan, Research Assistant..... | DY | 8 700 |
| <i>Total, Trust — State Department of Mental Health...</i> | | <u>\$ 26 850</u> |

TRUST — STATE DEPARTMENT OF MENTAL HEALTH

Account Number 55-60-10

- | | | |
|--|------|-----------------|
| 1. John H. Biel, Lecturer with rank of Assistant Professor | DY15 | \$ 1 800 |
| 2. Ikuko Koyama, Research Associate..... | DY | 6 500 |
| <i>Total, Trust — State Department of Mental Health...</i> | | <u>\$ 8 300</u> |

TRUST — U.S. PUBLIC HEALTH SERVICE 3B413C7

Account Number 55-60-17

- | | | |
|--|----|------------------|
| 1. George Gombos, Research Associate..... | DY | \$ 7 500 |
| 2. Saburo Otsuki, Research Associate..... | DY | 7 500 |
| 3. William Scruggs, Research Assistant..... | DY | 5 900 |
| 4. Greene R. Whitney, Research Assistant..... | DY | 5 700 |
| <i>Total, Trust — U.S. Public Health Service 3B413C7..</i> | | <u>\$ 26 600</u> |

TRUST — U.S. PUBLIC HEALTH SERVICE B1650C3

Account Number 55-60-23

- | | | |
|--|----|------------------|
| 1. Hideo Kimizuka, Research Associate..... | DY | \$ 6 500 |
| 2. Ryoza Kitamura, Research Associate..... | DY | 6 500 |
| <i>Total, Trust — U.S. Public Health Service B1650C3..</i> | | <u>\$ 13 000</u> |

TRUST — U.S. PUBLIC HEALTH SERVICE 7637C7

Account Number 55-60-57

- | | | |
|---|----|-----------|
| 1. Kenneth S. Isaacs, Research Associate..... | DY | \$ 11 600 |
|---|----|-----------|

TRUST — U.S. PUBLIC HEALTH SERVICE M5527

Account Number 55-60-78

- | | | |
|--|----|-----------|
| 1. Nahman H. Greenberg, Assistant Professor..... | DY | \$ 15 000 |
|--|----|-----------|

TRUST — U.S. PUBLIC HEALTH SERVICE 2M6009C4

Account Number 55-60-90

- | | | |
|--|------|----------|
| 1. James Ginsberg, Clinical Assistant Professor..... | DY30 | \$ 4 000 |
|--|------|----------|

Public Health

Account Number 05-12-82

- | | | |
|--|------|------------------|
| 1. Howard Shaughnessy, Professor and Head of Department..... | AY80 | \$ 17 900 |
| (Also paid \$3,336 by State Department of Mental Health) | | |
| 2. Herbert C. Batson, Professor of Biostatistics..... | AY | 16 650 |
| <i>Total, Salaries</i> | | <u>(34 550)</u> |
| Wages..... | | 100 |
| Expense..... | | 1 500 |
| Equipment..... | | 1 200 |
| <i>Total, Wages, Expense, and Equipment.....</i> | | <u>(2 800)</u> |
| <i>Total, Public Health.....</i> | | <u>\$ 37 350</u> |

Radiology

Account Number 05-12-84

1. Roger A. Harvey, Professor and Head of Department..	ZAY	\$ 27 750
2. Walter S. Moos, Research Professor and Radiation Physicist.....	AY	14 900
3. T. J. Wachowski, Clinical Professor.....	ZAY15	1 800
4. Edwin J. Liebner, Associate Professor.....	ZAY	17 000
5. David J. Lochman, Clinical Associate Professor.....	ZAY33	5 000
6. Myron Melamed, Clinical Associate Professor.....	ZAY25	3 000
7. Anton M. Pantone, Clinical Associate Professor.....	ZAY25	3 000
8. Arthur S. Petersen, Clinical Associate Professor, <i>Emer- itus</i>	R	.....
9. Bernard Baker, Clinical Assistant Professor.....	ZBY12	1 200
10. Martin Hochhauser, Assistant Professor.....	DY	14 500
11. Virginia Patterson, Assistant Professor.....	BY	14 500
12. Glen Sandberg, Assistant Professor.....	BY	7 950
13. Enrique Schwarz, Assistant Professor.....	BY25	3 800
14. Charles F. Whitney, Clinical Assistant Professor.....	BY10	1 200
15. ———, Assistant Professor.....	DY25	3 800
16. Leonid Calenoff, Clinical Instructor.....	DY50	6 000
17. George Greenfield, Clinical Instructor.....	DY20	2 880
18. Richard E. Haas, Instructor.....	DY	8 500
Nonacademic Salaries		16 950
<i>Total, Salaries</i>		(153 730)
Wages.....		2 600
Expense, Radiology		2 200
Expense, Radiology Betatron.....		5 600
Equipment, Radiology		700
Equipment, Radiology Betatron		3 000
<i>Total, Wages, Expense, and Equipment</i>		(14 100)
<i>Total, Radiology</i>		\$167 830

Presbyterian-St. Luke's Hospital

Account Number 05-12-87

Expense	\$ 60 775
<i>Total, Presbyterian-St. Luke's Hospital</i>	\$ 60 775

Surgery

Account Number 05-12-90

1. Warren H. Cole, Professor and Head of Department..	ZAY	\$ 27 750
2. Axel G. Anderson, Clinical Professor.....	ZAY	.....
3. Reuben C. Balagot, Clinical Professor of Anesthesiology	ZAY45	7 250
4. Thomas K. Barber, Clinical Professor.....	ZAY	.....
5. Ormand C. Julian, Professor.....	ZAY27	4 550
(Total Salary)		(8 920)
6. Joseph H. Kiefer, Professor of Urology.....	AY50	6 400
7. Daniel M. Laskin, Clinical Professor.....	ZAY	.....
8. Eli Olech, Clinical Professor.....	ZAY	.....
9. C. B. Puestow, Clinical Professor.....	AY25	4 000
10. J. T. Reynolds, Clinical Professor.....	AY15	2 370
11. Max S. Sadove, Professor of Anesthesiology.....	ZAY90	21 750
12. Danely P. Slaughter, Clinical Professor.....	ZAY40	4 800
13. Geza de Takats, Clinical Professor, <i>Emeritus</i>	R	.....
14. John W. Curtin, Clinical Associate Professor.....	ZAY	.....
15. Tilden C. Everson, Clinical Associate Professor.....	AY25	4 050
16. Edson F. Fowler, Clinical Associate Professor.....	AY30	3 300
17. William J. Grove, Associate Professor.....	ZAY	.....
18. Hushang Javid, Clinical Associate Professor.....	AY30	3 770
19. Robert J. Jensik, Clinical Associate Professor.....	AY25	3 250
20. Gerald O. McDonald, Associate Professor.....	AY	11 350
21. James H. McDonald, Associate Professor of Urology..	AY	14 950

22. W. H. Requarth, Clinical Associate Professor.....	AY15	1 900
23. Irwin B. Robinson, Clinical Associate Professor.....	ZAY	.....
24. John H. Schneewind, Associate Professor.....	ZAY50	7 450
25. Robert A. Atterbury, Clinical Assistant Professor.....	ZBY	.....
26. Sidney Black, Clinical Assistant Professor.....	BY25	2 900
27. James A. Hunter, Assistant Professor.....	BY90	13 950
28. Eugene C. Lekan, Clinical Assistant Professor.....	ZBY	.....
29. Lawrence Peterson, Clinical Assistant Professor.....	BY25	2 250
30. Ronald Rosenberg, Assistant Professor of Anesthesiology	BY	15 500
31. Arun Kumar Sen, Clinical Assistant Professor of Anesthesiology.....	DY40	5 000
32. Elaine A. Stuebner, Clinical Assistant Professor.....	ZBY	.....
33. Mustafa Kemal Yon, Assistant Professor of Anesthesiology	BY95	12 590
34. ———, Clinical Assistant Professor of Anesthesiology.....	DY35	4 250
35. ———, Assistant Professor.....	DY40	5 500
36. ———, Clinical Assistant Professor.....	DY35	3 300
37. Richard S. Webb, Instructor.....	DY	8 500
38. 0.35 Full-time Equivalent Assistants.....	DY	1 900
Nonacademic Salaries		41 046
<i>Total, Salaries</i>		(245 576)
Wages.....		3 700
Expense		20 000
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(26 200)
<i>Total, Surgery</i>		\$271 776

Cooperative Investigations

TRUST — NATIONAL FUND FOR MEDICAL EDUCATION

Account Number 50-57-08

1. Robert J. Baker, Clinical Instructor.....	DY30	\$ 2 400
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TRUST — NATIONAL FUND FOR MEDICAL EDUCATION

Account Number 50-57-22

1. Robert D. Simpson, Clinical Instructor.....	DY25	\$ 2 500
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TRUST — U.S. PUBLIC HEALTH SERVICE HT300C10

Account Number 55-15-27

1. Ormand C. Julian, Professor.....	ZAY43	\$ 4 370
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TRUST — U.S. PUBLIC HEALTH SERVICE CT630C12 — CANCER TRAINING

Account Number 55-65-17

1. James D. Majarakis, Clinical Assistant Professor.....	DY35	\$ 3 000
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TRUST — U.S. PUBLIC HEALTH SERVICE H3045C4

Account Number 55-65-44

1. Belio M. Lopez, Assistant Professor.....	DY95	\$ 8 200
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TRUST — U.S. PUBLIC HEALTH SERVICE — UNIVERSITY OF WISCONSIN — CHEMOTHERAPY

Account Number 55-65-50

1. Steven G. Economou, Clinical Associate Professor.....	AY40	\$ 4 000
2. Rudolph G. Mrazek, Clinical Associate Professor.....	AY45	5 000

Total, Trust — U.S. Public Health Service — University of Wisconsin — Chemotherapy.....

\$ 9 000

TRUST — U.S. PUBLIC HEALTH SERVICE CY3482C3

Account Number 55-65-53

1. Frederic de Peyster, Clinical Associate Professor.....	AY33	\$ 3 250
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TRUST — U.S. PUBLIC HEALTH SERVICE CY3551C3

Account Number 55-65-58

1. Francis W. Strehl, Clinical Assistant Professor.....	BY40	\$ 3 200
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COLLEGE OF DENTISTRY

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 72 868	\$ 12 350	\$ 85 218
Postgraduate Education.....	18 730	2 720	21 450
Patient Admissions.....	59 780	.....	59 780
Applied Materia Medica and Therapeutics...	131 682	.....	131 682
Fixed Partial Prosthodontics.....	59 760	.....	59 760
Dental Clinics.....	50 982	.....	50 982
Prosthodontics.....	85 682	.....	85 682
Histology.....	103 480	6 200	109 680
Operative Dentistry.....	103 550	.....	103 550
Oral and Maxillofacial Surgery.....	72 425	.....	72 425
Orthodontics.....	52 360	.....	52 360
Oral Pathology.....	55 837	5 375	61 212
Pedodontics.....	66 780	.....	66 780
Radiology.....	49 577	.....	49 577
<i>Total, General</i>	<i>\$983 493</i>	<i>\$ 26 645</i>	<i>\$1 010 138</i>

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Estimated Private Gifts.....	\$ 27 000	\$ 8 000	\$ 35 000
Estimated U.S. Contracts.....	35 000	15 000	50 000
<i>Total, Instruction</i>	<i>(62 000)</i>	<i>(23 000)</i>	<i>(85 000)</i>
<i>Organized Research</i>			
Estimated Indirect Costs.....	1 500	8 000	9 500
Estimated Private Gifts.....	17 000	15 000	32 000
Estimated U.S. Contracts.....	200 000	75 000	275 000
<i>Total, Organized Research</i>	<i>(218 500)</i>	<i>(98 000)</i>	<i>(316 500)</i>
<i>Extension and Public Services</i>			
Postgraduate Extension Revolving.....	.....	4 800	4 800
Dental Clinics Revolving.....	.....	130 000	130 000
<i>Total, Extension and Public Services</i>	<i>.....</i>	<i>(134 800)</i>	<i>(134 800)</i>
<i>Total, Restricted</i>	<i>\$280 500</i>	<i>\$255 800</i>	<i>\$536 300</i>

Administration

Account Number 05-15-01			
1. Isaac Schour, Dean.....	ZBY	\$ 13 800	
(Total Salary).....		(23 000)	
2. W. H. Kubacki, Associate Dean.....	ZBY75	15 300	
(Total Salary).....		(20 000)	
3. S. H. Yale, Administrative Assistant.....	ZBY	.....
4. Nell S. Talbot, Professor of Medical and Dental His- tory and Assistant to Dean, <i>Emerita</i>	R	.....
5. Samuel Pruzansky, Professor of Dentistry.....	ZAY20	2 950	
(Total Salary).....		(12 550)	
6. Robert E. Bryant, Instructor in Dentistry.....	DY70	5 450	
7. Dan Kumarich, Instructor in Dentistry.....	DY50	3 750	
8. Irving Leonard, Instructor in Dentistry.....	ZDY86	6 250	
(Total Salary).....		(7 300)	
Nonacademic Salaries.....		25 368	
<i>Total, Salaries</i>		<i>(72 868)</i>	
Wages.....		800	
Expense.....		4 325	
Contingent.....		3 000	
Convention Travel.....		2 500	
Equipment.....		1 725	
<i>Total, Wages, Expense, and Equipment</i>		<i>(12 350)</i>	
<i>Total, Administration</i>		<i>\$ 85 218</i>	

Cooperative Investigations**TRUST — KELLOGG FOUNDATION**

Account Number 50-58-20

1. Leo Nedelsky, Research Associate in Teacher Education	DY20	\$ 3 000
2. Robert E. Lee, Instructor in Dentistry	DY40	3 300
3. Irving Leonard, Instructor in Dentistry	ZDY14	1 050
4. Donald C. Mattison, Instructor in Dentistry	DY60	4 800
5. Theodore J. Pauly, Instructor in Dentistry	DY20	1 600
6. Nijole A. Remeikis, Instructor in Applied Materia Medica and Therapeutics	ZDY50	4 000
(Total Salary)		(8 000)
<i>Total, Trust — Kellogg Foundation</i>		<u>\$ 17 750</u>

TRUST — U.S. PUBLIC HEALTH SERVICE D12C2

Account Number 55-73-08

1. Daniel M. Laskin, Professor of Oral Surgery	ZAY15	\$ 2 050
(Total Salary)		(8 300)

Postgraduate Education

Account Number 05-15-07

1. Maury Massler, Director	ZBY20	\$ 4 250
(Total Salary)		(19 000)
2. Robert G. Kesel, Lecturer	ZBY	250
(Total Salary)		(18 700)
3. Thomas K. Barber, Lecturer	ZBY	250
(Total Salary)		(13 500)
4. Samson S. Flores, Assistant Professor	ZBY25	2 550
(Total Salary)		(10 250)
Nonacademic Salaries		11 430
<i>Total, Salaries</i>		(18 730)
Honorarium for Special Teaching		1 000
Expense		1 220
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(2 720)
<i>Total, Postgraduate Education</i>		<u>\$ 21 450</u>

Postgraduate Extension Revolving

Account Number 07-15-97

Wages	\$ 300
Expense	4 500
<i>Total, Postgraduate Extension Revolving</i>	<u>\$ 4 800</u>

Patient Admissions

Account Number 05-15-10

1. Arthur J. Skupa, Professor of Clinical Dentistry, Director of Patient Admissions, and Assistant Director of Clinics	AY	\$ 16 000
2. Harold A. Drummond, Associate Professor of Clinical Dentistry and Lecturer in Medical and Dental History	AY50	5 250
3. Arthur Ellenbaum, Associate Professor, <i>Emeritus</i>	R	.....
4. Donald L. McElroy, Associate Professor of Clinical Dentistry	AY60	6 350
5. Herbert Hazelkorn, Assistant Professor of Clinical Dentistry	BY50	4 250
6. Lester Jacobs, Assistant Professor of Clinical Dentistry	BY40	3 500
7. Irving I. Secter, Assistant Professor of Clinical Dentistry	ZBY50	4 250
(Total Salary)		(5 100)
8. _____, Assistant Professor of Clinical Dentistry	BY20	1 800
9. Gunther J. Kazalla, Instructor in Clinical Dentistry	DY40	3 200
Nonacademic Salaries		15 180
<i>Total, Patient Admissions</i>		<u>\$ 59 780</u>

Cooperative Investigations

TRUST — KELLOGG FOUNDATION

Account Number 50-58-20

1. Irving I. Secter, Assistant Professor of Clinical Dentistry..... ZBY10 \$ 850

Applied Materia Medica and Therapeutics

Account Number 05-15-15

- | | | |
|--|------|-----------|
| 1. Robert G. Kesel, Professor, Head of Department, and
Director of Social Aspects of Dentistry..... | ZAY | \$ 18 450 |
| (Total Salary) | | (18 700) |
| 2. E. A. Jasper, Professor..... | AY50 | 6 450 |
| 3. Charles G. Maurice, Professor and Associate Head of
Department | AY | 15 500 |
| 4. Donald A. Wallace, Professor..... | AY | 15 250 |
| 5. Harold R. Englander, Associate Professor..... | AY | 14 000 |
| 6. M. F. Grunwald, Associate Professor..... | AY20 | 2 600 |
| 7. Marjorie Houston, Associate Professor..... | AY | 10 500 |
| 8. Bennett Klavan, Associate Professor..... | AY50 | 5 500 |
| 9. E. C. Wach, Associate Professor, <i>Emeritus</i> | R | ..... |
| 10. Anita M. Ellingson, Assistant Professor..... | BY | 8 000 |
| 11. Harry R. Shepard, Assistant Professor..... | BY50 | 4 750 |
| 12. William Starek, Assistant Professor of Dentistry..... | BY20 | 2 000 |
| 13. Gordon L. Stastny, Assistant Professor..... | BY50 | 4 750 |
| 14. Jerald Miller, Instructor..... | DY50 | 3 850 |
| Nonacademic Salaries | | 20 082 |
| Total, Salaries | | (131 682) |
| Total, Applied Materia Medica and Therapeutics..... | | \$131 682 |

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D984

Account Number 55-74-05

1. Rudolph Depalma, Research Associate..... DY40 \$ 2 800

Fixed Partial Prosthodontics

Account Number 05-15-20

- | | | |
|--|-------|-----------|
| 1. Fred N. Bazola, Professor and Head of Department... | AY | \$ 15 000 |
| 2. Stanley D. Tylman, Professor, <i>Emeritus</i> | R | ..... |
| 3. F. X. Pelka, Associate Professor..... | AY50 | 5 200 |
| 4. Roland Rudnick, Assistant Professor..... | BY50 | 4 350 |
| 5. Walter J. Syms, Assistant Professor..... | BY | 8 700 |
| 6. Richard I. Gunther, Instructor..... | ZDY50 | 4 000 |
| (Total Salary) | | (4 800) |
| 7. Joseph Matuga, Instructor..... | DY50 | 4 000 |
| 8. Frank X. Spera, Instructor..... | DY50 | 4 000 |
| 9. Joseph J. Stachniak, Instructor..... | DY50 | 4 250 |
| 10. _____, Instructor | DY20 | 1 350 |
| Nonacademic Salaries | | 8 910 |
| Total, Fixed Partial Prosthodontics..... | | \$ 59 760 |

Cooperative Investigations

TRUST — U.S. PROJECT 13

Account Number 55-81-16

1. Richard I. Gunther, Instructor..... ZDY10 \$ 800

Dental Clinics

Account Number 05-15-25

- | | | |
|---------------------------------|-----|-----------|
| 1. W. H. Kubacki, Director..... | ZBY | ..... |
| Nonacademic Salaries | | \$ 50 982 |
| Total, Dental Clinics..... | | \$ 50 982 |

Dental Clinics Revolving

Account Number 07-15-01

- | | | |
|--------------------------------------|--|-----------|
| Expense | | \$130 000 |
| Total, Dental Clinics Revolving..... | | \$130 000 |

Prosthodontics

Account Number 05-15-55

1. W. H. Kubacki, Professor and Head of Department....	ZAY25	\$ 4 700
(Total Salary)		(20 000)
2. Robert Underwood, Associate Professor and Associate Head of Department.....	AY	13 200
3. Samson S. Flores, Assistant Professor.....	ZBY75	7 700
(Total Salary)		(10 250)
4. Edward J. Kozak, Assistant Professor.....	BY	10 250
5. George W. Brent, Instructor.....	DY60	4 500
6. Donald W. Rice, Instructor.....	DY	8 300
7. Allen Rosenberg, Instructor.....	DY30	2 550
8. William L. Smith, Instructor.....	DY30	2 500
9. Vincent Urbanek, Instructor.....	DY50	4 300
10. Arnold H. Wax, Instructor.....	DY40	2 950
Nonacademic Salaries		24 732
<i>Total, Prosthodontics</i>		\$ 85 682

Histology

Account Number 05-15-60

1. Isaac Schour, Professor and Head of Department.....	ZAY	\$ 9 200
(Total Salary)		(23 000)
2. Verda E. James, Associate Professor, Associate Head of Department, and Director of Parodontal Education	AY	13 700
3. E. Lloyd DuBrul, Professor of Oral Anatomy.....	ZAY	14 500
4. James A. Gagnon, Associate Professor of Oral Anatomy	ZAY60	7 100
(Total Salary)		(11 800)
5. Roy Gillette, Associate Professor.....	AY	11 800
6. Arthur Grimm, Instructor.....	ZDY50	4 750
(Total Salary)		(9 500)
7. Richard L. Hoffman, Instructor.....	DY60	5 500
Nonacademic Salaries		36 930
<i>Total, Salaries</i>		(103 480)
Wages, Histology		210
Wages, Oral Anatomy.....		200
Expense, Histology		2 890
Expense, Oral Anatomy and Comparative Odontology.....		1 600
Equipment, Histology		800
Equipment, Oral Anatomy.....		500
<i>Total, Wages, Expense, and Equipment</i>		(6 200)
<i>Total, Histology</i>		\$109 680

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE DFK37272

Account Number 55-75-05

1. James A. Yaeger, Assistant Professor.....	BY	\$ 10 500
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TRUST — U.S. PUBLIC HEALTH SERVICE CT663C11

Account Number 55-75-37

1. Eli Olech, Professor of Oral Surgery.....	ZAY10	\$ 1 195
(Total Salary)		(7 350)

Operative Dentistry

Account Number 05-15-75

1. John M. Spence, Professor, Head of Department, and Director of Audiovisual Education.....	AY	\$ 17 750
2. Theodore B. Kurtz, Professor and Associate Head of Department	AY	14 200
3. Margot Ulloa, Professor.....	AY60	8 300
4. James A. Gagnon, Associate Professor.....	ZAY40	4 700
(Total Salary)		(11 800)
5. Jerry F. Balaty, Assistant Professor.....	BY60	5 350
6. Mack C. Tanner, Assistant Professor.....	BY30	2 900
7. Marvin B. Weiss, Assistant Professor.....	BY	11 750

8. Dennis Barber, Instructor.....	DY20	1 700
9. Jules Berman, Instructor.....	DY20	1 700
10. Glenn F. Boas, Instructor.....	DY	7 000
11. Charles F. Hebling, Instructor.....	DY80	6 800
12. Bruce Mowat, Instructor.....	DY50	3 750
13. Nijole A. Remeikis, Instructor.....	ZDY50	4 000
(Total Salary)		(8 000)
14. Walter A. Sperry, Instructor.....	DY40	3 450
Nonacademic Salaries		10 200
<i>Total, Operative Dentistry.....</i>		<i>\$103 550</i>

Oral and Maxillofacial Surgery

Account Number 05-15-80

1. Axel G. Anderson, Professor and Head of Department	ZAY	\$ 16 800
2. Daniel M. Laskin, Professor and Associate Head of Department.....	ZAY45	6 250
(Total Salary)		(8 300)
3. Eli Olech, Professor and Director of Minor Oral Surgery	ZAY50	6 155
(Total Salary)		(7 350)
4. Irwin B. Robinson, Associate Professor.....	ZAY5	550
5. Robert A. Atterbury, Assistant Professor.....	ZBY	400
6. Eugene C. Lekan, Assistant Professor.....	ZBY50	4 250
7. Elaine A. Stuebner, Assistant Professor.....	ZBY80	7 600
8. William J. McNabb, Instructor.....	DY50	4 050
9. Edward B. Stewart, Instructor.....	ZDY20	1 400
(Total Salary)		(2 800)
10. _____, Instructor	DY25	1 750
Nonacademic Salaries		23 220
<i>Total, Oral and Maxillofacial Surgery.....</i>		<i>\$ 72 425</i>

Cooperative Investigations

TRUST—U.S. PUBLIC HEALTH SERVICE CT663

Account Number 55-75-37

1. Edward B. Stewart, Instructor.....	ZDY20	\$ 1 400
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Orthodontics

Account Number 05-15-82

1. A. G. Brodie, Professor and Head of Department.....	ZAY60	\$12 750
(Total Salary)		(21 250)
2. Milton B. Engel, Professor.....	AY50	7 750
3. Earl W. Renfroe, Professor.....	AY60	8 850
4. Edward Prorok, Assistant Professor.....	BY30	2 700
5. Louis M. Andria, Instructor.....	DY30	2 250
6. George Osterberger, Instructor.....	DY30	2 700
Nonacademic Salaries		15 360
<i>Total, Orthodontics</i>		<i>\$52 360</i>

Cooperative Investigations

TRUST—U.S. PUBLIC HEALTH SERVICE D1064A

Account Number 55-48-11

1. Bernard L. Swoislin, Instructor.....	DY20	\$ 1 500
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TRUST—U.S. PUBLIC HEALTH SERVICE D1468

Account Number 55-79-04

1. A. G. Brodie, Professor.....	ZAY40	\$ 8 500
2. Bernard Schneider, Instructor.....	DY30	2 550

Total, Trust—U.S. Public Health Service D1468..... *\$ 11 050*

Oral Pathology

Account Number 05-15-86

1. _____, Professor and Head of Division.....	AY	\$ 16 525
2. Nicholas G. Grand, Associate Professor.....	AY	13 000

3. Herman Medak, Associate Professor and Associate Head of Department	AY70	7 700
4. ———, Instructor	DY	7 500
Nonacademic Salaries		11 112
<i>Total, Salaries</i>		(55 837)
Wages		675
Expense		4 000
Equipment		700
<i>Total, Wages, Expense, and Equipment</i>		(5 375)
<i>Total, Oral Pathology</i>		\$ 61 212

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D658C3

Account Number 55-80-13

1. Julia Meyer, Assistant Professor	BY	\$ 11 500
2. Shu Yung Wang, Research Associate	DY30	2 760
<i>Total, Trust — U.S. Public Health Service D658C3</i>		\$ 14 260

Pedodontics

Account Number 05-15-88

1. Maury Massler, Professor and Head of Department....	ZAY80	\$ 14 750
(Total Salary)		(19 000)
2. Thomas K. Barber, Professor and Associate Head of Department	ZAY	13 250
(Total Salary)		(13 500)
3. Elsie Gerlach, Superintendent of Children's Clinic and Associate Professor	AY	11 000
4. William J. Rogers, Assistant Professor	BY30	2 900
5. John A. Gallios, Instructor	ZDY80	5 200
(Total Salary)		(6 500)
Nonacademic Salaries		19 680
<i>Total, Pedodontics</i>		\$ 66 780

Cooperative Investigations

TRUST — KELLOGG FOUNDATION

Account Number 50-58-20

1. R. Kindelsperger, Instructor	ZDY20	\$ 1 400
(Total Salary)		(7 000)

TRUST — U.S. PUBLIC HEALTH SERVICE D1064

Account Number 55-48-11

1. John A. Gallios, Instructor	ZDY20	\$ 1 300
2. A. M. Lauterstein, Research Associate	DY40	3 000
<i>Total, Trust — U.S. Public Health Service D1064</i>		\$ 4 300

TRUST — U.S. PUBLIC HEALTH SERVICE D1038C

Account Number 55-81-03

1. R. Kindelsperger, Instructor	ZDY80	\$ 5 600
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Radiology

Account Number 05-15-90

1. S. H. Yale, Professor and Head of Department	ZAY	\$ 17 750
2. Henry Rosenberg, Assistant Professor	ZBY40	4 300
(Total Salary)		(6 450)
Nonacademic Salaries		27 527
<i>Total, Radiology</i>		\$ 49 577

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D1594

Account Number 55-83-01

1. Charles S. Kresnoff, Assistant Professor	BY20	\$ 1 700
2. Thomas E. Emmering, Instructor	DY40	3 300
<i>Total, Trust — U.S. Public Health Service D1594</i>		\$ 5 000

TRUST — U.S. PUBLIC HEALTH SERVICE D973

Account Number 55-83-32

1. Henry Rosenberg, Assistant Professor.....	ZBY20	\$ 2 150
2. Manuel C. Ceballos, Research Assistant.....	DY	6 600
<i>Total, Trust — U.S. Public Health Service D973.....</i>		<u>\$ 8 750</u>

COLLEGE OF PHARMACY

General

<i>Administration and General</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Administration.....	\$122 966	\$20 440	\$143 406
Chemistry.....	170 866	21 100	191 966
Pharmacognosy and Pharmacology.....	129 816	17 900	147 716
Pharmacy.....	116 215	10 500	126 715
<i>Total, General.....</i>	<u>\$539 863</u>	<u>\$69 940</u>	<u>\$609 803</u>

Restricted

<i>Instruction</i>	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Estimated U.S. Contracts.....		\$ 500	\$ 500
<i>Organized Research</i>			
Estimated Private Gifts.....	\$ 3 000	1 000	4 000
Estimated U.S. Contracts.....	40 000	20 000	60 000
<i>Total, Restricted.....</i>	<u>\$43 000</u>	<u>\$21 500</u>	<u>\$64 500</u>

Administration

Account Number 05-18-05		
1. George I. Webster, Dean.....	BY}	\$ 20 000
Professor of Chemistry.....	AY}	
2. Conrad A. Blomquist, Assistant Dean.....	ZBY50	6 300
(Total Salary)		(12 600)
3. Bernard H. Gold, Assistant Professor of Sociology and Psychology	B60	5 900
4. Orace E. Johnson, Assistant Professor of Pharmacy Administration	B	8 300
5. Donald M. Martin, Assistant Professor of English.....	B	8 300
6. Martin M. Rosner, Assistant Professor of Pharmacy Administration.....	B	8 300
7. Samuel Shkolnik, Lecturer in Pharmaceutical Jurispru- dence	D20	1 600
8. 9.00 Full-time Equivalent Assistants.....	E	37 800
Nonacademic Salaries		26 466
<i>Total, Salaries</i>		(122 966)
Wages.....		540
Expense, General		17 100
Contingency		1 500
Convention Travel		1 300
<i>Total, Wages, Expense, and Equipment.....</i>		(20 440)
<i>Total, Administration</i>		<u>\$143 406</u>

Chemistry

Account Number 05-18-10		
1. James E. Gearien, Professor and Head of Department..	AY	\$ 16 900
2. Ernst R. Kirch, Professor.....	AY	13 700
3. Madeleine Barnothy, Associate Professor of Physics...	A	10 250

4. Ludwig Bauer, Associate Professor.....	A	9 900
5. Charles W. Clarke, Associate Professor, <i>Emeritus</i>	R	.....
6. Ralph Daniels, Associate Professor.....	A	11 000
7. Norman R. Joseph, Associate Professor.....	A	9 200
8. Alfred J. Perkins, Associate Professor.....	A	11 250
9. Charles L. Bell, Assistant Professor.....	B	8 450
10. Dominick Coviello, Assistant Professor.....	B	8 450
11. Rose Ann Grundman, Assistant Professor of Mathematics.....	B	8 300
12. T. P. Hadjiioannou, Assistant Professor.....	B	8 000
13. Karen L. Borman, Instructor in Mathematics.....	D	5 400
14. Bernard J. Kurtin, Instructor in Physics.....	D	6 800
15. McLouis J. Robinet, Instructor in Physics.....	D	5 300
16. _____, Instructor.....	D50	2 500
17. _____, Assistant.....	E	4 000
18. _____, Assistant in Physics.....	E	4 000
19. 0.15 Full-time Equivalent Assistants.....	E	700
Nonacademic Salaries.....		26 766
Total, Salaries.....		(170 866)
Expense, General.....		21 100
Total, Chemistry.....		\$191 966

Cooperative Investigations

TRUST — U.S. MD2047

Account Number 55-86-05

1. K. S. Suresh, Research Associate..... DY \$ 6 000

TRUST — U.S. PUBLIC HEALTH SERVICE CY4661C1

Account Number 55-86-15

1. C. N. V. Nambury, Research Associate..... DY \$ 6 600

Pharmacognosy and Pharmacology

Account Number 05-18-15

1. Ralph F. Voigt, Director of Drug and Horticultural Experiment Station, Professor, and Head of Department.....	AY	\$ 16 900
2. Conrad A. Blomquist, Associate Professor of Zoology..	ZAY50	6 300
(Total Salary).....		(12 600)
3. P. D. Carpenter, Associate Professor, <i>Emeritus</i>	R	.....
4. Frank A. Crane, Associate Professor of Pharmacognosy.....	AY	10 900
5. Bernard Greenberg, Associate Professor of Zoology....	A	9 000
6. Allan M. Burkman, Assistant Professor of Pharmacology.....	B	9 700
7. Luis de la Torre, Assistant Professor of Zoology.....	B	7 400
8. Edward Mika, Assistant Professor of Pharmacognosy..	B	8 400
9. Ralph W. Morris, Assistant Professor of Pharmacology.....	B	10 000
10. _____, Assistant Professor of Zoology.....	B	8 000
11. Aurelia M. Aro, Instructor in Pharmacognosy.....	D	5 600
12. S. J. Smolenski, Instructor in Pharmacognosy.....	DY	7 000
13. _____, Assistant in Zoology.....	E	4 000
Nonacademic Salaries.....		26 616
Total, Salaries.....		(129 816)
Expense, General.....		13 900
Expense, Drug and Horticultural Experiment Station.....		4 000
Total, Wages, Expense, and Equipment.....		(17 900)
Total, Pharmacognosy and Pharmacology.....		\$147 716

Pharmacy

Account Number 05-18-20

1. Martin I. Blake, Professor and Head of Department....	AY	\$ 16 000
2. Dwight L. Deardorff, Professor of Manufacturing Pharmacy.....	AY	13 200
3. Ralph E. Terry, Professor, <i>Emeritus</i>	R	.....

4. Herbert M. Emig, Associate Professor.....	A	10 400
5. Stanley V. Susina, Associate Professor.....	AY	12 100
6. Bernard Ecanow, Assistant Professor.....	B	9 100
7. Frederick Siegel, Assistant Professor.....	B	9 300
8. ———, Assistant Professor.....	B	8 600
9. Angel Arambulo, Instructor.....	ZDY25	2 125
(Total Salary)		(8 500)
10. Helena Suen Fu, Instructor.....	D	5 900
11. ———, Assistant	E	4 000
12. ———, Assistant	E	4 000
13. 0.50 Full-time Equivalent Assistants.....	E	2 000
Nonacademic Salaries		19 490
Total, Salaries		(116 215)
Expense, General		10 500
Total, Pharmacy		\$126 715

Stores — Hospital Pharmacy

Account Number 15-05-25		
1. W. R. Collins, Chief Pharmacist and Instructor.....	DY	\$ 12 000
2. Angel Arambulo, Assistant Chief Pharmacist in Manufacturing Pharmacy	ZDY75	6 375
(Total Salary)		(8 500)
3. Zinnia Cienas, Assistant Chief Pharmacist.....	DY	8 000
4. Vernita Williams, Assistant Chief Pharmacist.....	DY	8 400
5. ———, Assistant Chief Pharmacist.....	DY	7 900
6. Dennis R. Barry, Registered Pharmacist in Manufacturing Pharmacy	DY	7 000
7. Richard E. Bonaldi, Pharmacy Resident.....	DY50	1 500
(Perquisites University — room and board)		
8. William F. Lau, Registered Pharmacist.....	DY	7 000
9. Eleanor A. Rurik, Registered Pharmacist.....	DY	7 400
10. Casimer Wiczorek, Registered Pharmacist.....	DY	7 400
11. Robert G. Wilson, Registered Pharmacist.....	DY75	5 550
12. Silas S. Wood, Registered Pharmacist.....	DY	7 400
13. ———, Registered Pharmacist in Manufacturing Pharmacy.....	DY	6 000
14. Beatriz Werwath, Research Assistant.....	DY	7 300
15. Donald W. Vangor, Pharmacy Resident.....	DY50	1 500
(Perquisites University — room and board)		
Total, Stores — Hospital Pharmacy.....		\$100 725

Stores — Illinois Eye and Ear Infirmary Pharmacy

Account Number 15-05-28		
1. John D. Breen, Registered Pharmacist.....	DY	\$ 7 500
2. Nancy Eisenbart, Registered Pharmacist in Charge of Hospital Pharmacy	DY	8 500
Total, Stores — Illinois Eye and Ear Infirmary Pharmacy.....		\$ 16 000

GRADUATE COLLEGE

	General	Wages, Expense, and Equipment	Total
<i>Instruction</i>			
Administration.....	\$ 7 830	\$ 1 200	\$ 9 030
<i>Organized Research</i>			
Special Graduate Research		20 000	20 000
<i>Student Aid</i>			
Fellowships.....		20 000	20 000
Total, General.....	\$ 7 830	\$41 200	\$49 030

Restricted		<i>Wages, Ex-</i>	
	<i>Salaries</i>	<i>pense, and</i>	<i>Total</i>
<i>Organized Research</i>		<i>Equipment</i>	
Estimated Indirect Costs.....	\$10 000	\$45 500	\$55 500
<i>Total, Restricted</i>	\$10 000	\$45 500	\$55 500
Administration			
Account Number 05-19-05			
1. Milan V. Novak, Associate Dean.....	ZDY10	\$ 2 150	
(Total Salary)		(21 500)	
Nonacademic Salaries		5 680	
<i>Total, Salaries</i>		(7 830)	
Wages.....		100	
Expense.....		1 100	
<i>Total, Wages, Expense, and Equipment</i>		(1 200)	
<i>Total, Administration</i>		\$ 9 030	
Special Graduate Research			
Account Number 05-19-25			
Expense		\$ 20 000	
<i>Total, Special Graduate Research</i>		\$ 20 000	
Fellowships			
Account Number 05-19-50			
Stipends of Fellows.....		\$ 20 000	
<i>Total, Fellowships</i>		\$ 20 000	
COLLEGE OF NURSING			
Account Number 05-21-05			
1. _____, Dean	BY}	\$ 15 250	
Associate Professor	AY}		
2. Emily C. Cardew, Associate Professor.....	A	12 500	
3. Arlene S. Krieger, Associate Professor.....	A	9 000	
4. Wilma J. Phipps, Associate Professor.....	AY	10 500	
5. Mary Adams, Assistant Professor.....	BY	9 000	
6. Edna L. Anderson, Assistant Professor.....	BY	10 300	
7. Zena S. Blau, Assistant Professor.....	B	7 450	
8. Helen W. Dunn, Assistant Professor.....	ZBY	.....
9. Alice Marcella Fay, Assistant Professor.....	BY	9 650	
10. Alberta Fuller, Assistant Professor.....	B	7 150	
11. Lillian G. Oertel, Assistant Professor.....	BY	9 200	
12. _____, Assistant Professor.....	DY	8 000	
13. Nancy L. Martin, Instructor.....	DY	6 600	
14. Doris Molbo, Instructor.....	DY	6 600	
15. Harriett M. Rossi, Instructor.....	D	7 650	
16. _____, Instructor	DY	5 850	
17. _____, Instructor,	DY	7 500	
18. _____, Instructor	DY	6 000	
19. Carol A. Ford, Assistant.....	DY	6 000	
20. Lucille Harrison, Assistant.....	DY	5 750	
21. Anita Koch, Assistant.....	DY	5 150	
22. Caryl M. Peterson, Assistant.....	DY	5 750	
23. _____, Assistant	DY	5 500	
24. _____, Assistant	DY	5 500	
25. _____, Assistant	DY	5 500	
Nonacademic Salaries		19 560	
<i>Total, Salaries</i>		(206 910)	
Wages.....		1 050	
Expense		13 000	
Travel.....		500	
Equipment		1 200	
<i>Total, Wages, Expense, and Equipment</i>		(15 750)	
<i>Total, College of Nursing</i>		\$222 660	

Cooperative Investigations

TRUST—U.S. PUBLIC HEALTH SERVICE 2M6434C3

Account Number 55-91-13

1. Rachel Bliss, Associate Professor..... AY \$ 10 000

DIVISION OF SERVICES FOR CRIPPLED CHILDREN

General		<i>Wages, Ex- pense, and Equipment</i>	
<i>Extension and Public Services</i>	<i>Salaries</i>		<i>Total</i>
State.....	\$391 860	\$1 386 320	\$1 778 180
<i>Total, General</i>	\$391 860	\$1 386 320	\$1 778 180

Restricted		<i>Wages, Ex- pense, and Equipment</i>	
<i>Extension and Public Services</i>	<i>Salaries</i>		<i>Total</i>
Federal.....	\$347 955	\$440 263	\$788 218
Estimated Private Gifts.....		50 000	50 000
<i>Total, Restricted</i>	\$347 955	\$490 263	\$838 218

State

Account Number 05-23-05

1. Edward F. Lis, Director.....	ZBY	\$ 19 700
2. Ernest I. Yahiro, Pediatrician.....	DY	8 000
Nonacademic Salaries, General.....		336 770
Nonacademic Salaries, Business Office.....		27 390
<i>Total, Salaries</i>		(391 860)
Wages.....		2 300
Expense.....		1 380 020
Equipment.....		4 000
<i>Total, Wages, Expense, and Equipment</i>		(1 386 320)
<i>Total, State</i>		\$1 778 180

Federal

Account Number 53-23-05

1. _____, Associate Director.....	DY	\$ 14 000
2. Samuel Pruzansky, Associate Director and Orthodontist in the Cleft Palate Center.....	ZBY66	9 600
(Total Salary).....		(12 550)
3. John W. Curtin, Plastic Surgeon.....	ZAY30	2 400
4. Emanuel M. Skolnik, Otolaryngologist.....	ZAY20	2 000
(Total Salary).....		(7 800)
5. Charles R. Elliott, Speech Pathologist.....	ZBY	9 600
6. Constance Fraser, Assistant Professor.....	ZBY50	4 025
(Total Salary).....		(8 050)
7. Luis Trevino, Clinical Assistant Professor of Pediatrics	BY33	3 000
8. Donald Ross, Instructor in Psychology.....	ZDY	7 500
9. _____, Pediatrics Resident Physician.....	DY	2 460
Nonacademic Salaries, General.....		279 300
Nonacademic Salaries, Business Office.....		14 070
<i>Total, Salaries</i>		(347 955)
Wages.....		2 000
Expense.....		435 263
Equipment.....		3 000
<i>Total, Wages, Expense, and Equipment</i>		(440 263)
<i>Total, Federal</i>		\$788 218

PHYSICAL EDUCATION**Physical Education for Men**

Account Number 05-24-05

1. John W. Brown, Assistant Professor.....	BY	\$ 9 850
Nonacademic Salaries.....		7 090
<i>Total, Salaries</i>		(16 940)

Wages.....	3 000
Expense.....	4 350
Equipment.....	650
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(8 000)</i>
<i>Total, Physical Education for Men.....</i>	<i>\$ 24 940</i>

AEROMEDICAL LABORATORY

Account Number 05-25-05

1. John P. Marbarger, Director.....	ZBY	\$ 18 750
2. Sabath F. Marotta, Assistant Director.....	ZBY	10 100
3. Norio Shioura, Research Associate.....	DY	7 900
4. Eugene Robbins, Research Assistant.....	DY	5 800
Nonacademic Salaries.....		39 697
<i>Total, Salaries.....</i>		<i>(82 247)</i>
Wages.....		2 100
Expense, General.....		12 650
Expense, Electron Microscope.....		2 880
Equipment.....		2 250
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(19 880)</i>
<i>Total, Aeromedical Laboratory.....</i>		<i>\$102 127</i>

INSTITUTION FOR TUBERCULOSIS RESEARCH

Account Number 03-26-10

1. Sol Roy Rosenthal, Director.....	ZBY70	\$ 13 250
2. George T. Crouse, Research Assistant.....	DY	7 400
3. Alonzo Kenniebrew, Research Assistant.....	DY	7 250
Nonacademic Salaries.....		35 926
<i>Total, Salaries.....</i>		<i>(63 826)</i>
Wages.....		3 324
Expense.....		17 050
Equipment.....		2 300
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(22 674)</i>
<i>Total, Institution for Tuberculosis Research.....</i>		<i>\$ 86 500</i>

RESEARCH AND EDUCATIONAL HOSPITALS**General**

<i>Organized Activities Relating to Instruction</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Administration.....	\$ 156 370	\$ 78 300	\$ 234 670
Admissions.....	70 020	12 600	82 620
Anesthesiology.....	14 070	45 700	59 770
Central Supply.....	85 788	78 600	164 388
Clinics.....	301 368	59 250	360 618
Dietetics.....	116 466	674 372	790 838
Emergency Service.....	62 958	38 960	101 918
House Staff.....		407 190	407 190
Laboratory.....	305 178	114 260	419 438
Medical Records.....	146 480	62 400	208 880
Medicine.....	33 396	10 898	44 294
Nursing, General.....	1 763 238	999 836	2 763 074
Hospital Residence.....	9 030	5 540	14 570
Operating and Recovery Rooms.....	213 750	178 506	392 256
Orthopaedic Brace Shop.....	9 324	3 850	13 174
Pathology.....	70 438	18 800	89 238
Patient Drugs.....		204 920	204 920
Physical Medicine and Rehabilitation....	100 440	11 544	111 984
Radiology.....	151 090	153 000	304 090
Ward Equipment.....		41 000	41 000
<i>Total, General.....</i>	<i>\$3 609 404</i>	<i>\$3 199 526</i>	<i>\$6 808 930</i>

Restricted		<i>Wages, Ex- pense, and Equipment</i>	
<i>Instruction</i>	<i>Salaries</i>		<i>Total</i>
Estimated Private Gifts.....	\$ 1 500	\$ 1 000	\$ 2 500
<i>Organized Activities Relating to Instruction</i>			
Blood Bank Revolving.....		72 000	72 000
Ophthalmology Revolving.....	30 420	54 000	84 420
<i>Total, Restricted</i>	<u>\$31 920</u>	<u>\$127 000</u>	<u>\$158 920</u>

Administration

Account Number 05-27-05

1. Donald J. Caseley, Medical Director.....	ZBY	\$ 25 500
2. Myron C. Benford, Associate Medical Director.....	ZDY	.....
3. Harry G. Higgins, Administrator.....	DY	15 350
4. J. E. Millizen, Administrator, <i>Emeritus</i>	R	.....
Nonacademic Salaries		115 520
<i>Total, Salaries</i>		(156 370)
Wages.....		13 000
Expense		28 200
Malpractice Insurance		7 500
Convention Travel		600
Equipment		4 000
Contingent		25 000
<i>Total, Wages, Expense, and Equipment</i>		(78 300)
<i>Total, Administration</i>		<u>\$234 670</u>

Admissions

Account Number 05-27-10

1. Myron C. Benford, Director of Admissions.....	ZBY	.....
Nonacademic Salaries		\$ 70 020
<i>Total, Salaries</i>		(70 020)
Wages.....		5 300
Expense		6 800
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(12 600)
<i>Total, Admissions</i>		<u>\$ 82 620</u>

Anesthesiology

Account Number 05-27-12

1. Warren H. Cole, Surgeon-in-Chief.....	ZAY	.....
2. Max S. Sadove, Head of Anesthesiology.....	ZAY	.....
3. Reuben C. Balagot, Assistant Head of Anesthesiology..	ZAY	.....
Nonacademic Salaries		\$ 14 070
<i>Total, Salaries</i>		(14 070)
Wages.....		2 200
Expense		41 500
Equipment		2 000
<i>Total, Wages, Expense, and Equipment</i>		(45 700)
<i>Total, Anesthesiology</i>		<u>\$ 59 770</u>

Central Supply

Account Number 05-27-15

Nonacademic Salaries		\$ 85 788
<i>Total, Salaries</i>		(85 788)
Wages.....		2 100
Expense		74 500
Equipment		2 000
<i>Total, Wages, Expense, and Equipment</i>		(78 600)
<i>Total, Central Supply</i>		<u>\$164 388</u>

Clinics

Account Number 05-27-20

1. Myron C. Benford, Director.....	ZDY67	\$ 13 300
2. Danely P. Slaughter, Director of Tumor Clinic.....	ZAY	.....
3. Edward F. Lis, Director of Center for Handicapped Children	ZAY	.....
4. Retta E. Bales, Assistant Director.....	DY	9 450
5. Thomas K. Barber, Clinical Associate Professor of Surgery	ZAY	.....
Nonacademic Salaries		278 618
<i>Total, Salaries</i>		(301 368)
Wages.....		17 550
Wages, Handicapped Children's Center.....		200
Expense		34 000
Expense, Handicapped Children's Center.....		5 000
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(59 250)
<i>Total, Clinics</i>		\$360 618

Dietetics

Account Number 05-27-25

Nonacademic Salaries		\$116 466
<i>Total, Salaries</i>		(116 466)
Wages.....		343 000
Expense		326 372
Equipment		5 000
<i>Total, Wages, Expense, and Equipment</i>		(674 372)
<i>Total, Dietetics</i>		\$790 838

Emergency Service

Account Number 05-27-27

1. John H. Schneewind, Chief.....	ZBY	.....
Nonacademic Salaries		\$ 62 958
<i>Total, Salaries</i>		(62 958)
Wages.....		24 960
Expense		13 000
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(38 960)
<i>Total, Emergency Service</i>		\$101 918

House Staff

Account Number 05-27-28

Chief Resident		\$ (612)
(Perquisites Employee — board)		
Wages, Hospital		
39 First-Year Residents.....		86 550
(Perquisites Employee — board)		(23 868)
28 Second-Year Residents.....		72 620
(Perquisites Employee — board)		(17 136)
19 Third-Year Residents.....		57 000
(Perquisites Employee — board)		(11 628)
10 Fourth-Year Residents.....		37 200
(Perquisites Employee — board)		(6 120)
38 Interns		48 270
(Perquisites University — room and board)		
Wages, Illinois Eye and Ear Infirmary		
12 First-Year Residents.....		26 340
(Perquisites Employee — board)		(7 344)
14 Second-Year Residents.....		35 770
(Perquisites Employee — board)		(8 568)
4 Third-Year Residents.....		12 440
(Perquisites Employee — board)		(2 448)

Expense	27 480
Housing Female Staff	2 520
Equipment	1 000
<i>Total, Wages, Expense, and Equipment</i>	(407 190)
<i>Total, House Staff</i>	\$407 190

Laboratory

Account Number 05-27-30		
1. John B. Fuller, Director	ZAY	.....
2. Donald R. Russ, Associate Director	ZAY	.....
3. Esther L. Cheate, Assistant Director	ZBY	.....
Nonacademic Salaries		\$305 178
<i>Total, Salaries</i>		(305 178)
Wages		45 260
Expense		65 000
Equipment		4 000
<i>Total, Wages, Expense, and Equipment</i>		(114 260)
<i>Total, Laboratory</i>		\$419 438

Blood Bank Revolving

Account Number 07-27-10	
Wages	\$ 18 000
Expense	54 000
<i>Total, Blood Bank Revolving</i>	\$ 72 000

Medical Records

Account Number 05-27-40	
Nonacademic Salaries	\$146 480
<i>Total, Salaries</i>	(146 480)
Wages	25 000
Expense	36 400
Equipment	1 000
<i>Total, Wages, Expense, and Equipment</i>	(62 400)
<i>Total, Medical Records</i>	\$208 880

Medicine

Medicine	
Account Number 05-27-42	
1. Harry F. Dowling, Chief-of-Medicine.....	ZAY
2. Ford K. Hick, Attending Physician.....	ZAY
3. Harry A. Bliss, Attending Physician.....	ZAY
4. Robert W. Carton, Associate Attending Physician.....	ZBY
Nonacademic Salaries	\$ 33 396
<i>Total, Salaries</i>	(33 396)
Wages.....	1 508
Expense	8 230
Equipment	1 160
<i>Total, Wages, Expense, and Equipment</i>	(10 898)
<i>Total, Medicine</i>	<u>\$ 44 294</u>

Nursing

Nursing		
Account Number 05-27-45		
1. Helen W. Dunn, Director.....	ZDY	\$ 13 790
(Perquisites University — one meal)		
Nonacademic Salaries, General.....		1 235 508
Nonacademic Salaries, Illinois Eye and Ear Infirmary.....		232 524
Nonacademic Salaries, Neuropsychiatric Institute.....		281 416
<i>Total, Salaries</i>	(1	763 238)
Wages, General		550 000
Wages, Illinois Eye and Ear Infirmary.....		87 000
Wages, Neuropsychiatric Institute.....		150 000
Expense		210 836
Equipment		2 000
<i>Total, Wages, Expense, and Equipment</i>		(999 836)
<i>Total, Nursing</i>		<u>\$2 763 074</u>

Hospital Residence

Account Number 05-27-50	
Nonacademic Salaries	\$ 9 030
<i>Total, Salaries</i>	(9 030)
Wages.....	2 700
Expense, Housing Nurses.....	1 840
Equipment	1 000
<i>Total, Wages, Expense, and Equipment</i>	(5 540)
<i>Total, Hospital Residence</i>	\$ 14 570

Operating and Recovery Rooms

Account Number 05-27-55	
1. Warren H. Cole, Surgeon-in-Chief..... ZAY	.....
Nonacademic Salaries	\$213 750
<i>Total, Salaries</i>	(213 750)
Wages.....	69 506
Expense	106 000
Equipment	3 000
<i>Total, Wages, Expense, and Equipment</i>	(178 506)
<i>Total, Operating and Recovery Rooms</i>	\$392 256

Orthopaedic Brace Shop

Account Number 05-27-60	
Nonacademic Salaries	\$ 9 324
<i>Total, Salaries</i>	(9 324)
Expense	3 000
Equipment	850
<i>Total, Wages, Expense, and Equipment</i>	(3 850)
<i>Total, Orthopaedic Brace Shop</i>	\$ 13 174

Pathology

Account Number 05-27-65	
1. Cecil A. Krakower, Pathologist-in-Chief..... ZAY	.....
2. Elizabeth A. McGrew, Pathologist..... ZAY	.....
3. Conrad L. Pirani, Pathologist..... ZAY	.....
4. Kurt Stern, Pathologist..... ZAY	.....
5. Elie P. Leroy, Associate Pathologist..... ZAY	.....
6. H. H. Friederici, Assistant Pathologist..... ZBY	.....
7. Ruth Wong, Assistant Pathologist..... ZBY	.....
8. James C. Pritchard, Assistant Pathologist..... ZDY	.....
Nonacademic Salaries	\$ 70 438
<i>Total, Salaries</i>	(70 438)
Wages.....	3 800
Expense	13 000
Equipment	2 000
<i>Total, Wages, Expense, and Equipment</i>	(18 800)
<i>Total, Pathology</i>	\$ 89 238

Patient Drugs

Account Number 05-27-70	
Expense	\$204 920
<i>Total, Patient Drugs</i>	\$204 920

Physical Medicine and Rehabilitation

Account Number 05-27-75	
1. David I. Abramson, Chief..... ZAY	.....
Nonacademic Salaries	\$100 440
<i>Total, Salaries</i>	(100 440)
Wages.....	2 000
Expense	6 044
Equipment	3 500
<i>Total, Wages, Expense, and Equipment</i>	(11 544)
<i>Total, Physical Medicine and Rehabilitation</i>	\$111 984

Radiology

Account Number 05-27-80

1. Roger A. Harvey, Radiologist-in-Chief.....	ZAY	.....
2. T. J. Wachowski, Associate Radiologist.....	ZAY	.....
3. Edwin J. Liebner, Associate Radiologist.....	ZAY	.....
4. David J. Lochman, Associate Radiologist.....	ZAY	.....
5. Myron Melamed, Associate Radiologist.....	ZAY	.....
6. Anton M. Pantone, Associate Radiologist.....	ZAY	.....
7. Bernard Baker, Assistant Radiologist.....	ZBY	.....
Nonacademic Salaries		\$151 090
<i>Total, Salaries</i>		(151 090)
Wages.....		40 000
Expense.....		107 000
Equipment		6 000
<i>Total, Wages, Expense, and Equipment</i>		(153 000)
<i>Total, Radiology</i>		\$304 090

Ward Equipment

Account Number 05-27-90

Expense	\$ 16 000
Equipment	25 000
<i>Total, Ward Equipment</i>	\$ 41 000

Ophthalmology Revolving

Account Number 07-27-15

1. P. C. Kronfeld, Ophthalmologist-in-Chief, Illinois Eye and Ear Infirmary.....	ZAY	.....
Nonacademic Salaries		\$ 30 420
<i>Total, Salaries</i>		(30 420)
Expense		54 000
<i>Total, Ophthalmology</i>		\$ 84 420

LIBRARY

Account Number 05-33-05

1. Wilma Troxel, Librarian.....	BY}	\$ 12 700
Professor of Library Administration.....	AY}	
2. Mary J. Campbell, Acquisition Librarian with rank of Assistant Professor	BY	8 400
3. Lorena Clarke, Catalog Librarian with rank of Assistant Professor	BY	9 700
4. Clara L. Meckel, Circulation and Reference Librarian with rank of Assistant Professor.....	BY	8 400
5. Margaret M. Bates, Assistant Librarian, <i>Emerita</i>	R	.....
6. Charles Z. Hughes, Serials Librarian with rank of Instructor.....	DY	7 950
7. Martha Kona, Cataloger with rank of Instructor.....	DY	6 400
8. Aletha Kowitz, Circulation and Reference Assistant with rank of Instructor.....	DY	6 800
9. Dorothea M. Wheeler, Reference Librarian with rank of Instructor, <i>Emerita</i>	R	.....
Nonacademic Salaries		34 140
<i>Total, Salaries</i>		(94 490)
Wages.....		5 275
Expense		3 500
Equipment		2 100
Library Additions		47 500
<i>Total, Wages, Expense, and Equipment</i>		(58 375)
<i>Total, Library</i>		\$152 865

PHYSICAL PLANT

General

<i>Physical Plant</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Administration	\$151 940	\$ 26 070	\$ 178 010
Building Operation	37 860	653 095	690 955
Police and Watchmen	10 000	156 067	166 067
Building Maintenance	84 286	581 154	665 440
Grounds Maintenance	8 700	85 729	94 429
Heat, Light, and Power	9 960	787 462	797 422
Union Building .....	.....	15 590	15 590
Medical Center Steam Plant .....	.....	443 000	443 000
<i>Total, General</i>	<u>\$302 746</u>	<u>\$2 748 167</u>	<u>\$3 050 913</u>

Restricted

<i>Auxiliary Enterprises</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Trust, Second Unit of Dentistry-Medicine- Pharmacy Building .....	.....	\$ 320 000	\$ 320 000
Chicago Union Building Operation	\$15 847	21 456	37 303
Illini Union Food Service	17 287	167 662	184 949
Tenant Properties .....	.....	12 329	12 329
Trust, Staff Apartments .....	.....	156 746	156 746
Trust, Student Residence Hall	32 890	410 269	443 159
Trust, Tenant Properties .....	.....	20 076	20 076
<i>Total, Restricted</i>	<u>\$66 024</u>	<u>\$1 108 538</u>	<u>\$1 174 562</u>

Administration

Account Number 05-36-02	
1. F. E. Hostettler, Associate Director of Physical Plant... DY	\$ 16 000
Nonacademic Salaries	135 940
<i>Total, Salaries</i>	(151 940)
Wages	920
Expense	23 540
Telephone Expense	(8 000)
Equipment	1 610
<i>Total, Wages, Expense, and Equipment</i>	(26 070)
<i>Total, Administration</i>	<u>\$178 010</u>

Building Operation

Account Number 05-36-04	
Nonacademic Salaries	\$ 37 860
<i>Total, Salaries</i>	(37 860)
Wages	606 157
Expense	43 938
Equipment	3 000
<i>Total, Wages, Expense, and Equipment</i>	(653 095)
<i>Total, Building Operation</i>	<u>\$690 955</u>

Police and Watchmen

Account Number 05-36-06	
Nonacademic Salaries	\$ 10 000
<i>Total, Salaries</i>	(10 000)
Wages	146 635
Expense	9 182
Equipment	250
<i>Total, Wages, Expense, and Equipment</i>	(156 067)
<i>Total, Police and Watchmen</i>	<u>\$166 067</u>

Building Maintenance

Account Number 05-36-08	
Nonacademic Salaries	\$ 84 286
<i>Total, Salaries</i>	(84 286)

Wages, General	364 597
Wages, Renewals and Replacements.....	111 856
Expense, General	51 139
Expense, Renewals and Replacement.....	51 586
Equipment	1 976
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(581 184)</i>
<i>Total, Building Maintenance.....</i>	<i>\$665 440</i>

Grounds Maintenance

Account Number 05-36-60	
Nonacademic Salaries	\$ 8 700
<i>Total, Salaries</i>	<i>(8 700)</i>
Wages.....	73 849
Expense	8 421
Equipment	3 459
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(85 729)</i>
<i>Total, Grounds Maintenance.....</i>	<i>\$ 94 429</i>

Heat, Light, and Power

Account Number 05-36-65	
Nonacademic Salaries	\$ 9 960
<i>Total, Salaries</i>	<i>(9 960)</i>
Wages.....	309 517
Expense	477 070
Equipment	875
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(787 462)</i>
<i>Total, Heat, Light, and Power.....</i>	<i>797 422</i>

Union Building

Account Number 05-36-75	
Food Service	\$ 9 290
Use of Facilities.....	6 300
<i>Total, Union Building.....</i>	<i>\$ 15 590</i>

Medical Center Steam Plant

Account Number 05-36-85	
Expense	\$443 000
<i>Total, Medical Center Steam Plant.....</i>	<i>\$443 000</i>

Auxiliary Enterprises**Chicago Union Building Operation**

Account Number 15-15-15	
Nonacademic Salaries	\$ 15 847
<i>Total, Salaries</i>	<i>(15 847)</i>
Wages.....	5 720
Expense	15 736
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(21 456)</i>
<i>Total, Chicago Union Building Operation.....</i>	<i>\$ 37 303</i>

Illini Union Food Service

Account Number 15-15-15	
Nonacademic Salaries	\$ 17 287
<i>Total, Salaries</i>	<i>(17 287)</i>
Wages.....	68 616
Expense	99 046
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(167 662)</i>
<i>Total, Illini Union Food Service.....</i>	<i>\$184 949</i>

Trust — Housing Division Administration

Account Number 62-10-10	
1. F. C. Dalla, Director of Chicago Housing Division..... ZDY	\$ (11 900)
Nonacademic Salaries	(22 890)
<i>Total, Salaries</i>	<i>(34 790)</i>

Wages.....	(2 200)
Expense.....	(1 452)
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(3 652)</i>
<i>Total, Housing Division Administration.....</i>	<i>\$ 38 442</i>

Trust—Staff Apartments

Account Number 62-10-10

Wages.....	\$ 12 174
Expense.....	144 572
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(156 746)</i>
<i>Total, Trust—Staff Apartments.....</i>	<i>\$156 746</i>

Trust—Student Residence Hall

Account Number 62-10-10

1. 1.00 Full-time Equivalent Assistants..... G	\$ 4 800
Nonacademic Salaries.....	28 090
<i>Total, Salaries.....</i>	<i>(32 890)</i>
Wages.....	131 173
Expense.....	279 096
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(410 269)</i>
<i>Total, Trust—Student Residence Hall.....</i>	<i>\$443 159</i>

Trust—Tenant Properties

Account Number 62-10-10

Expense.....	\$ 20 076
<i>Total, Trust—Tenant Properties.....</i>	<i>\$ 20 076</i>

Trust—Second Unit of Dentistry-Medicine-Pharmacy Building

Account Number 62-10-10

Wages.....	\$110 490
Expense.....	35 010
Debt Service.....	174 500
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(320 000)</i>
<i>Total, Trust—Second Unit of Dentistry-Medicine-Pharmacy Building.....</i>	<i>\$320 000</i>

Tenant Properties

Account Number 15-15-05

Expense.....	\$ 12 329
<i>Total, Tenant Properties.....</i>	<i>\$ 12 329</i>

STUDENT AID**Restricted**

<i>Student Aid</i>	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
Estimated Endowment Income.....		\$ 3 500	\$ 3 500
Estimated Private Gifts.....	\$7 000	28 000	35 000
Estimated U.S. Contracts.....		50 000	50 000
<i>Total, Restricted.....</i>	<i>\$7 000</i>	<i>\$81 500</i>	<i>\$88 500</i>

CHICAGO UNDERGRADUATE DIVISION**APPROPRIATIONS****General**

	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
<i>Administration and General.....</i>	<i>\$ 644 998</i>	<i>\$ 162 445</i>	<i>\$ 807 443</i>
<i>Instruction</i>			
Liberal Arts and Sciences.....	1 517 320	79 810	1 597 130
Engineering.....	642 865	54 960	697 825
Commerce and Business Administration..	208 700	4 980	213 680

General (Concluded)

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
Physical Education.....	190 824	22 000	212 824
Armed Forces.....	4 140	3 160	7 300
Summer Session.....	145 000		145 000
<i>Total, Instruction.....</i>	<i>(2 708 849)</i>	<i>(164 910)</i>	<i>(2 873 759)</i>
<i>Libraries.....</i>	<i>158 110</i>	<i>44 200</i>	<i>202 310</i>
<i>Physical Plant.....</i>	<i>59 562</i>	<i>959 618</i>	<i>1 019 180</i>
<i>Total, General.....</i>	<i>\$3 571 519</i>	<i>\$1 331 173</i>	<i>\$4 902 692</i>

Restricted

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Auxiliary Enterprises</i>			
Administration and General.....	\$ 68 460	\$316 540	\$385 000
Physical Education.....	15 680	37 120	52 800
Physical Plant.....	37 514	248 975	286 489
<i>Total, Restricted.....</i>	<i>\$121 654</i>	<i>\$602 635</i>	<i>\$724 289</i>

ADMINISTRATION AND GENERAL

General

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Administration and General</i>			
Vice-President's Office.....	\$103 053	\$ 43 765	\$146 818
University Honors Programs.....	17 975	3 000	20 975
Safety Office.....	12 400	600	13 000
Student Counseling Service.....	137 280	17 310	154 590
Business Office.....	88 650	12 430	101 080
Admissions and Records.....	126 760	56 870	183 630
Nonacademic Personnel.....	22 600	4 150	26 750
Dean of Students.....	48 210	8 290	56 500
Health Service.....	69 520	6 880	76 400
Public Information.....	18 550	9 150	27 700
<i>Total, General.....</i>	<i>\$644 998</i>	<i>\$162 445</i>	<i>\$807 443</i>

Restricted

	<i>Salaries</i>	<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Auxiliary Enterprises</i>			
Bookstore.....	\$59 100	\$215 500	\$274 600
Student Activities.....		36 800	36 800
Student Hospital and Medical Services.....	9 360	64 240	73 600
<i>Total, Restricted.....</i>	<i>\$68 460</i>	<i>\$316 540</i>	<i>\$385 000</i>

Vice-President's Office

Account Number 70-05-05			
1. Norman A. Parker, Vice-President.....	BY}	\$ 26 500	
Professor of Mechanical and Industrial Engineering	AY}		
2. Ora Lee Railsback, Assistant to the Vice-President.....	ZDY	16 400	
3. Harold N. Cooley, Assistant Dean.....	BY	13 300	
4. John Dillinger, Assistant to the Vice-President.....	DY	13 000	
5. Arnold J. Hartoch, Director of Publications.....	ZBY50	6 200	
(Total Salary).....		(10 900)	
6. Reduce Teaching Loads.....		6 653	
Nonacademic Salaries.....		21 000	
<i>Total, Salaries.....</i>		<i>(103 053)</i>	
Wages.....		220	
Expense.....		18 245	
Expense, General Publications.....		14 000	
Contingent.....		10 000	
Expense, Radioisotope Laboratory.....		700	

Nonrecurring Unassigned	(5 000)
Equipment	600
<i>Total, Wages, Expense, and Equipment</i>	(43 765)
<i>Total, Vice-President's Office</i>	<u>\$146 818</u>

University Honors Programs

Account Number 70-05-05		
1. Arthur D. Pickett, Associate Director	ZDY73	\$ 10 850
(Total Salary)		(15 000)
2. John T. Newell, Assistant Director	ZD25	1 875
(Total Salary)		(7 500)
Nonacademic Salaries		5 250
<i>Total, Salaries</i>		(17 975)
Wages		500
Expense		2 000
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(3 000)
<i>Total, University Honors Programs</i>		<u>\$ 20 975</u>

Safety Office

Account Number 70-05-05		
Nonacademic Salaries		\$ 12 400
<i>Total, Salaries</i>		(12 400)
Wages		100
Expense		500
<i>Total, Wages, Expense, and Equipment</i>		(600)
<i>Total, Safety Office</i>		<u>\$ 13 000</u>

Student Counseling Service

Account Number 70-05-10		
1. Paul C. Greene, Director	ZBY	\$ 14 200
2. Harold Klehr, Assistant Director	ZBY	12 700
3. Lucy C. Zaccaria, Supervisor of Test Research and Service, and Counselor	ZBY	11 000
4. Roger M. Mick, Counselor	ZBY	9 600
5. Jean H. Baer, Administrative Assistant	ZBY	11 000
6. Louis A. Berman, Counselor	ZBY	9 900
7. I. A. Burch, Counselor	ZBY	9 400
8. M. Henry Pitts, Counselor	ZBY	9 500
9. _____, Counselor	DY	(8 300)
10. James W. Creaser, Counselor	ZDY	7 400
11. Daniel L. Heftel, Counselor	ZDY75	6 200
12. Helen S. Kozlowski, Psychometrist	ZDY	5 600
13. Robert E. O'Donnell, Psychometrist	ZDY	5 600
14. Summer Session Salaries		4 390
Nonacademic Salaries		20 790
<i>Total, Salaries</i>		(137 280)
Wages		4 350
Expense		12 000
Convention Travel		360
Equipment		600
<i>Total, Wages, Expense, and Equipment</i>		(17 310)
<i>Total, Student Counseling Service</i>		<u>\$154 590</u>

Business Office

Account Number 70-05-15		
1. James E. Osborn, Business Manager of Chicago Colleges and Divisions	ZDY	\$ 88 650
Nonacademic Salaries		(88 650)
<i>Total, Salaries</i>		2 630
Wages		

Expense	8 800
Equipment	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(12 430)</i>
<i>Total, Business Office.....</i>	<i>\$101 080</i>

Auxiliary — Bookstore

Account Number 75-15-20

Nonacademic Salaries	\$ 59 100
<i>Total, Salaries</i>	<i>(59 100)</i>
Wages.....	4 500
Expense	210 000
Equipment	1 000
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(215 500)</i>
<i>Total, Auxiliary — Bookstore</i>	<i>\$274 600</i>

Admissions and Records

Account Number 70-05-20

1. Harold E. Temmer, Associate Dean.....	DY	\$ 14 900
2. Kirker Smith, Assistant Dean.....	DY	9 650
Nonacademic Salaries		102 210
<i>Total, Salaries</i>		<i>(126 760)</i>
Wages.....		14 670
Expense		41 700
Equipment		500
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(56 870)</i>
<i>Total, Admissions and Records.....</i>		<i>\$183 630</i>

Nonacademic Personnel

Account Number 70-05-25

1. Leroy J. Votava, Associate Director.....	DY	\$ 10 000
Nonacademic Salaries		12 600
<i>Total, Salaries</i>		<i>(22 600)</i>
Wages.....		350
Expense		3 800
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(4 150)</i>
<i>Total, Nonacademic Personnel.....</i>		<i>\$ 26 750</i>

Dean of Students

Account Number 70-05-30

1. W. O. Brown, Associate Dean of Students.....	BY	\$ 13 800
2. Agnes G. Tandberg, Dean of Women.....	BY	11 000
3. Merton S. Zahrt, Assistant Dean of Students.....	ZBY46	4 500
(Total Salary)		(9 300)
4. Laurette A. Kirstein, Coordinator of Foreign Students..	ZBY50	4 600
(Total Salary)		(8 600)
Nonacademic Salaries		14 310
<i>Total, Salaries</i>		<i>(48 210)</i>
Wages.....		2 790
Expense		4 500
Equipment		1 000
<i>Total, Wages, Expense, and Equipment.....</i>		<i>(8 290)</i>
<i>Total, Dean of Students.....</i>		<i>\$ 56 500</i>

Auxiliary — Student Activities

Account Number 75-15-15

Expense	\$ 36 800
<i>Total, Auxiliary — Student Activities.....</i>	<i>\$ 36 800</i>

Auxiliary — Student Hospital and Medical Services

Account Number 75-15-30

1. Merton S. Zahrt, Assistant Dean of Students.....	ZBY54	\$ 4 800
(Total Salary)		(9 300)

Nonacademic Salaries	4 560
<i>Total, Salaries</i>	(9 360)
Expense	3 600
Premiums	60 640
<i>Total, Wages, Expense, and Equipment</i>	(64 240)
<i>Total, Auxiliary—Student Hospital and Medical Services</i>	\$ 73 600

Health Service

Account Number 70-05-35

1. H. Gordon Reid, Director	BY}	\$ 14 900
Associate Professor of Hygiene	AY}	
2. Helen M. Kostka, Medical Adviser for Women and Associate Professor of Hygiene	AY	12 000
3. Gloria Hilker, Assistant Professor of Hygiene	BY50	6 000
4. Fred Madenberg, Medical Adviser for Men and Assistant Professor of Hygiene	BY50	6 000
5. Glendon E. Rayson, Medical Adviser for Men and Assistant Professor of Hygiene	DY50	6 000
6. John E. Kysar, Instructor in Hygiene	D25	3 400
7. Harold W. Spies, Instructor in Hygiene	D25	1 800
8. _____, Instructor in Hygiene	DY33	2 000
Nonacademic Salaries		17 420
<i>Total, Salaries</i>		(69 520)
Wages		1 625
Expense		5 255
<i>Total, Wages, Expense, and Equipment</i>		(6 880)
<i>Total, Health Service</i>		\$ 76 400

Public Information

Account Number 70-05-45

1. Paul F. Cahill, Manager	DY	\$ 8 000
Nonacademic Salaries		10 550
<i>Total, Salaries</i>		(18 550)
Wages		1 700
Expense		5 000
Faculty Alumni Publication		2 100
Equipment		350
<i>Total, Wages, Expense, and Equipment</i>		(9 150)
<i>Total, Public Information</i>		\$ 27 700

LIBERAL ARTS AND SCIENCES

	General	Wages, Expense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Administration	\$ 43 295	\$11 660	\$ 54 955
Biological Sciences	154 965	17 900	172 865
Humanities	575 200	10 850	586 050
Mathematics	223 720	2 100	225 820
Physical Sciences	280 540	33 000	313 540
Social Sciences	239 600	4 300	243 900
<i>Total, General</i>	\$1 517 320	\$79 810	\$1 597 130

Administration

Account Number 70-10-05

1. H. W. Bailey, Associate Dean	ZBY	\$ 17 300
2. Ellis B. Little, Assistant Dean	ZBY50	5 700
(Total Salary)		(9 950)
3. Robert L. Miller, Assistant Dean	ZDY50	4 775
(Total Salary)		(8 400)
4. John H. Mackin, Jr., Assistant to the Dean	ZD25	1 900
(Total Salary)		(7 350)

Nonacademic Salaries	13 620
<i>Total, Salaries</i>	(43 295)
Wages	650
Expense	5 150
Convention Travel	5 360
Equipment	500
<i>Total, Wages, Expense, and Equipment</i>	(11 660)
<i>Total, Administration</i>	\$ 54 955

Biological Sciences

Account Number 70-10-10

1. A. S. Rouffa, Professor	A	\$ 11 000
Acting Chairman	D	(600)
2. Kenneth M. Madison, Professor	A	10 800
3. Arthur D. Pickett, Professor	ZA Y27	4 150
(Total Salary)		(15 000)
4. William Sangster, Professor	A	11 200
5. Max C. Shank, Professor	A	10 400
6. Sidney F. Glassman, Associate Professor	A	9 700
7. Ellis B. Little, Associate Professor	ZA 50	4 250
(Total Salary)		(9 950)
8. James A. Bond, Assistant Professor	B	7 000
9. John C. Hadder, Assistant Professor	B	7 750
10. John T. Newell, Assistant Professor	ZB 75	5 625
(Total Salary)		(7 500)
11. Halina J. Presley, Assistant Professor	B	7 500
(On leave with one-half pay 1962-63)		
12. David Shomay, Assistant Professor	B	8 000
13. John D. Palmer, Assistant Professor	B	6 500
14. _____, Instructor	D	5 000
15. William J. Dembski, Instructor	D	5 800
16. Samuel Perelmuter, Instructor	D	2 600
17. John L. Sarkissian, Instructor	D	5 400
18. Charles N. Spirakis, Instructor	D	7 500
19. Paul J. Taxey, Instructor	D	5 000
20. Sara R. Drower, Assistant	E	4 400
21. 0.40 Full-time Equivalent Assistants	E	1 650
Nonacademic Salaries		13 740
<i>Total, Salaries</i>		(154 965)
Wages		1 350
Expense		14 550
Equipment		2 000
<i>Total, Wages, Expense, and Equipment</i>		(17 900)
<i>Total, Biological Sciences</i>		\$172 865

Humanities

Account Number 70-10-15

1. E. B. Vest, Professor of English and Head of Division	A	\$ 13 400
2. Jose Sanchez, Professor of Foreign Languages	A	10 400
3. William M. Schuyler, Professor of Foreign Languages	A	10 800
4. Wayne N. Thompson, Professor of Speech	A	11 600
5. Hazel Vardaman, Professor of Foreign Languages	A	11 200
6. Irving D. Blum, Associate Professor of English	A	8 800
7. Arnold J. Hartoch, Associate Professor of Foreign Languages	ZA 50	4 700
(Total Salary)		(10 900)
8. Falk S. Johnson, Associate Professor of English	A	9 700
9. Moreen Jordan, Associate Professor of English	A	8 200
10. A. Karanikas, Associate Professor of English	A	8 500
11. Robert Kauf, Associate Professor of Foreign Languages	A	9 100
12. Bernard R. Kogan, Associate Professor of English	A	9 100
13. Marie E. Lein, Associate Professor of Foreign Languages	A	8 800

14. Zelma B. Leonhard, Associate Professor of English....	A	8 200
15. John O. Marsh, Jr., Associate Professor of Foreign Languages	A	8 500
16. Constance Nicholas, Associate Professor of English....	A	8 800
17. Carl A. Pitt, Associate Professor of Speech.....	A	8 800
18. Harry J. Runyan, Associate Professor of English.....	A	8 800
19. Andrew Schiller, Associate Professor of English.....	A	8 800
20. James B. Stronks, Associate Professor of English.....	A	8 800
21. Samuel A. Weiss, Associate Professor of English.....	A	8 200
22. Ernest S. Willner, Associate Professor of Foreign Languages	A	9 100
(On leave with pay second semester 1962-63)		
23. Elizabeth V. Wright, Associate Professor of English...	A	9 400
24. Edwin R. Fissinger, Assistant Professor of Music.....	B	8 250
25. Robert E. Gallagher, Assistant Professor of English...	B	7 500
26. Guinevere L. Griest, Assistant Professor of English....	B	7 250
(On leave with pay second semester 1962-63)		
27. Eloise K. Hay, Assistant Professor of English.....	B50	3 500
28. W. C. Jackman, Assistant Professor of English.....	B	8 250
29. John C. Johnson, Assistant Professor of English.....	B	7 750
30. Laurette A. Kirstein, Assistant Professor of English for Foreign Students	ZB50	4 000
(Total Salary)		(8 600)
31. Willie N. Love, Assistant Professor of English.....	B	7 250
32. John H. Mackin, Jr., Assistant Professor of English....	ZB75	5 450
(Total Salary)		(7 350)
33. Sonia Miller, Assistant Professor of English.....	B	7 500
34. Elizabeth Teichmann, Assistant Professor of Foreign Languages	B	8 000
35. Maurita F. Willett, Assistant Professor of English....	B	7 250
36. Norman R. Atwood, Instructor in English.....	D	7 200
37. Johanna Braunfeld, Instructor in Foreign Languages, <i>Emerita</i>	R	.....
38. Kathryn H. Carlson, Instructor in English.....	D	6 400
39. Robert L. S. Cassell, Instructor in English.....	D	6 600
40. Willis Charkovsky, Instructor in Music.....	D50	3 600
41. Joan M. Chillag, Instructor in English.....	D	6 000
42. Francis G. Cox, Instructor in English.....	D	6 200
43. Janice M. Crews, Instructor in Speech.....	D	7 200
44. Russell E. Davis, Instructor in English.....	D	6 200
45. Ruby V. Degryse, Instructor in Speech.....	D	6 200
46. James Friend, Instructor in English.....	D	6 000
47. Robert W. Gladish, Instructor in English.....	D	5 400
48. Frances M. Goulson, Instructor in Speech.....	D	7 000
49. Joseph L. Gray, Instructor in Foreign Languages.....	D75	4 200
50. Eleanor K. Harris, Instructor in English.....	D	6 000
51. Lucy S. Hegie, Instructor in English.....	D	6 600
52. Conde R. Hoskins, Instructor in Speech.....	D	7 000
53. Helen J. Hovde, Instructor in Speech.....	D	7 200
54. Marion S. Kerwick, Instructor in English.....	D	7 000
55. Elizabeth B. Kramer, Instructor in English.....	D	5 400
56. Theodore Kundrat, Instructor in Speech.....	D	6 600
57. Richard H. Lerner, Instructor in English.....	D	5 400
58. H. G. Merten, Instructor in English, <i>Emeritus</i>	R	.....
59. I. M. Miller, Instructor in English.....	D	7 000
60. Margaret H. Oleksy, Instructor in English.....	D	7 600
61. Irving S. Olsen, Instructor in Foreign Languages.....	D	6 000
62. Anne Phillips, Instructor in English.....	D	5 200
63. Cecelia M. Rudin, Instructor in English.....	D	6 800
64. Henry B. Russell, Instructor in Foreign Languages.....	D	5 600
65. Mary C. Sidney, Instructor in English.....	D	5 400
66. Clara S. Skogen, Instructor in Foreign Languages.....	D	7 200
67. Morris Star, Instructor in English.....	D	6 200

68. Robert E. Terrill, Instructor in English.....	D	5 000
69. Beatrice S. Timmis, Instructor in English, <i>Emerita</i>	R	.....
70. Nancy A. Tomasek, Instructor in Foreign Languages....	D	5 200
71. Ferdina J. C. Tort, Instructor in Foreign Languages....	D	6 400
72. _____, Instructor in English.....	D	6 000
73. _____, Instructor in Speech.....	D	6 400
74. _____, Instructor in Foreign Languages.....	D	7 000
75. _____, Assistant in Foreign Languages.....	E	4 800
76. _____, Assistant in Foreign Languages.....	E	5 000
77. Donald F. Zehme, Assistant in Foreign Languages.....	E	4 700
78. 5.73 Full-time Equivalent Assistants.....	E	28 150
Nonacademic Salaries		16 500
<i>Total, Salaries</i>		(575 200)
Wages.....		1 100
Expense		9 250
Equipment		500
<i>Total, Wages, Expense, and Equipment</i>		(10 850)
<i>Total, Humanities</i>		\$586 050

Mathematics

Account Number 70-10-20		
1. _____, Associate Professor and Head of Division A		\$ 10 400
2. H. W. Bailey, Professor.....	ZAY	.....
3. Irwin K. Feinstein, Professor of Mathematics Education A		10 000
4. Evelyn Frank, Professor.....	A	11 200
5. M. C. Hartley, Professor.....	A	10 000
6. Herbert J. Curtis, Associate Professor.....	A	9 300
7. Flora Dinkines, Associate Professor.....	A	9 400
8. Louis L. Pennisi, Associate Professor.....	A	9 400
9. Furio Alberti, Assistant Professor.....	B	7 750
(On leave with pay second semester 1962-63)		
10. Ruth M. Ballard, Assistant Professor.....	B	8 000
11. Kenneth H. Murphy, Assistant Professor.....	B	8 200
12. N. C. Scholomiti, Assistant Professor.....	B	7 150
13. Winifred Berglund, Instructor.....	D	7 100
14. Louis I. Gordon, Instructor.....	D	6 800
15. W. M. Henderleiter, Instructor.....	D	5 800
16. Roger G. Hill, Instructor.....	D	6 900
17. Betty J. Kuzmanic, Instructor.....	D50	2 700
18. Rose Lariviere, Instructor, <i>Emerita</i>	R	.....
19. Sim Lasher, Instructor.....	D	6 500
20. Julia B. Linn, Instructor.....	D	5 700
21. Jeannette Lumley, Instructor.....	D	5 450
22. Grace M. Nolan, Instructor.....	D	6 800
23. Charles E. Olsen, Instructor.....	D	6 800
24. Thomas B. Ondrak, Instructor.....	D	6 800
25. Candida A. K. Rees, Instructor.....	D	6 000
26. Marion L. Rummel, Instructor.....	D	4 800
27. Helen W. Sears, Instructor.....	D	6 600
28. Laurence Sjoblom, Instructor.....	D	6 200
29. Rose H. Vedral, Instructor.....	D	6 800
30. Rosemary F. Wiley, Instructor.....	D	6 400
31. Leo F. Ziomek, Instructor.....	D	6 200
32. Irena Zygmund, Instructor.....	D	6 100
33. 0.33 Full-time Equivalent Assistants.....	E	1 550
Nonacademic Salaries		4 920
<i>Total, Salaries</i>		(223 720)
Wages.....		100
Expense		1 750
Equipment		250
<i>Total, Wages, Expense, and Equipment</i>		(2 100)
<i>Total, Mathematics</i>		\$225 820

Physical Sciences

Account Number 70-10-25

1. C. R. Meloy, Professor of Chemistry and Head of Division of Physical Sciences.....	A	\$ 13 400
2. Bernard J. Babler, Professor of Chemistry.....	A	12 000
3. F. B. Crum, Professor of Chemistry, <i>Emeritus</i>	R	.....
4. Roy Huitema, Professor of Chemistry.....	A	12 000
5. R. W. Karpinski, Professor of Geology.....	A	10 800
6. _____, Professor of Chemistry.....	A	10 800
7. Joseph Bachrach, Associate Professor of Chemistry....	A	9 100
8. Charles K. Hunt, Associate Professor of Chemistry....	A	9 700
9. J. Victor Mansfield, Associate Professor of Chemistry..	A	8 800
10. H. J. Mueller, Associate Professor of Chemistry.....	A	8 500
11. Samuel Schrage, Associate Professor of Chemistry.....	A	9 100
(On leave with one-half pay 1962-63)		
12. Robert E. Demar, Assistant Professor of Geology.....	B	6 750
13. Anatol Gottlieb, Assistant Professor of Chemistry.....	B	7 500
14. Rosalind Klaas, Assistant Professor of Chemistry.....	B	7 750
15. Florence C. Klee, Assistant Professor of Chemistry....	B	6 750
16. Edward G. Rietz, Assistant Professor of Chemistry....	B67	5 000
17. John F. Steiner, Assistant Professor of Chemistry.....	B	7 500
18. John W. Weldon, Assistant Professor of Chemistry....	B	8 250
19. Milton Yusem, Assistant Professor of Chemistry.....	B	6 750
20. Lynn Carbonaro, Instructor in Chemistry.....	D	6 800
21. John W. Cowin, Instructor in Chemistry.....	D	7 200
22. Harry J. Delfs, Instructor in Chemistry.....	G67	2 000
(First semester 1962-63)		
23. Shafeek Farag, Instructor in Chemistry.....	D	6 200
24. Donald D. Hedberg, Instructor in Chemistry.....	D	6 200
25. Elaine Z. Herzog, Instructor in Chemistry.....	D	6 200
26. Joan M. Jones, Instructor in Chemistry.....	D	6 800
27. Louis N. Kurs, Instructor in Geology.....	D	6 600
28. Robert L. Miller, Instructor in Chemistry.....	ZD50	3 625
(Total Salary)		(8 400)
29. Eileen Pare, Instructor in Chemistry.....	D	6 000
30. Clarence J. Perry, Instructor in Chemistry.....	D	7 200
31. Sylvester Potempa, Instructor in Chemistry.....	D50	3 100
32. G. I. Sackheim, Instructor in Chemistry.....	D	7 200
33. Michael Savoy, Instructor in Chemistry.....	D50	3 100
34. Frances K. Seabright, Instructor in Chemistry.....	D	6 800
35. _____, Instructor in Chemistry.....	D	5 600
36. Thomas A. Lothian, Assistant in Chemistry.....	E	5 600
37. _____, Assistant in Chemistry.....	E	5 000
38. 0.42 Full-time Equivalent Assistants.....	E	2 035
Nonacademic Salaries		16 830
Total, Salaries		(280 540)
Wages.....		3 950
Expense		26 050
Equipment		3 000
Total, Wages, Expense, and Equipment.....		(33 000)
Total, Physical Sciences.....		\$313 540

Social Sciences

Account Number 70-10-30

1. Hollis W. Barber, Professor of Political Science.....	A	\$ 12 400
Acting Head of Division of Social Sciences.....	D	(600)
2. Alden D. Cutshall, Professor of Geography.....	A	11 600
3. Paul C. Greene, Professor of Psychology.....	ZAY	.....
4. Peter P. Klassen, Professor of Sociology.....	A	11 400
5. Eli A. Lipman, Professor of Psychology.....	A	11 600
6. D. J. Morris, Professor of Philosophy.....	A	10 400
7. Victor E. Ricks, Professor of Education.....	A	10 400
8. Donald W. Riddle, Professor, <i>Emeritus</i>	R	.....

9. Shirley A. Bill, Associate Professor of History.....	A	8 800
10. Margaret K. Chandler, Associate Professor of Sociology	A	8 800
11. Robert E. Corley, Associate Professor of Sociology....	A	8 500
12. Allen H. Howard, Associate Professor of Psychology..	A	8 500
13. Stanley L. Jones, Associate Professor of History.....	A	9 400
14. Harold Klehr, Associate Professor of Psychology.....	ZAY	.....
15. Robert L. Nicholson, Associate Professor of History...	A	9 100
16. Louis Unfer, Associate Professor of History, <i>Emeritus</i>	R	.....
17. Lucy C. Zaccaria, Associate Professor of Psychology..	ZAY	.....
18. Walter B. Asch, Assistant Professor of History.....	B	6 500
19. Jean H. Baer, Assistant Professor of Education.....	ZBY	.....
20. Louis A. Berman, Assistant Professor of Psychology..	ZBY	.....
21. I. A. Burch, Assistant Professor of Psychology.....	ZBY	.....
22. Mary M. Colby, Assistant Professor of Geography.....	B	8 000
(On leave with pay second semester 1962-63)		
23. Carolyn A. Edie, Assistant Professor of History.....	B	6 750
24. Mildred I. Finney, Assistant Professor of Geography..	B	7 750
25. Gordon Lee Goodman, Assistant Professor of History..	B	7 500
(On leave with one-half pay 1962-63)		
26. Wanda N. Gum, Assistant Professor.....	G	.....
(On disability leave — University Retirement System)		
27. Vivian C. Lipman, Assistant Professor of Psychology..	B	6 750
28. Nan E. McGehee, Assistant Professor of Psychology..	B	6 500
29. Roger M. Mick, Assistant Professor of Psychology....	ZBY	.....
30. M. Henry Pitts, Assistant Professor of Psychology....	ZBY	.....
31. Milton Rakove, Assistant Professor of Political Science	B	7 750
32. George A. Rheumer, Assistant Professor of Geography	B	8 000
33. Madelaine Shalibi, Assistant Professor of Education...	B	7 000
34. ———, Assistant Professor of History.....	B	8 000
35. James W. Creaser, Instructor in Psychology.....	ZDY	.....
36. Daniel L. Heftel, Instructor in Psychology.....	ZDY	.....
37. Mildred Kornacker, Instructor in Sociology.....	D60	3 360
38. Robert R. Page, Instructor in Philosophy.....	D	6 400
39. Charles P. Warren, Instructor in Anthropology.....	D	6 400
40. Helen S. Kozlowski, Assistant in Psychology.....	ZDY	.....
41. Robert E. O'Donnell, Assistant in Psychology.....	ZDY	.....
42. 4.10 Full-time Equivalent Assistants.....	E	17 360
Nonacademic Salaries		4 680
<i>Total, Salaries</i>		(239 600)
Wages.....		100
Expense		3 750
Equipment		450
<i>Total, Wages, Expense, and Equipment</i>		(4 300)
<i>Total, Social Sciences</i>		\$243 900

ENGINEERING SCIENCES

General		Wages, Ex- pense, and Equipment	
<i>Instruction</i>	<i>Salaries</i>		<i>Total</i>
Administration.....	\$ 61 960	\$11 110	\$ 73 070
Architecture and Art.....	166 960	10 080	177 040
Engineering.....	79 450	6 410	85 860
General Engineering.....	136 880	7 740	144 620
Physics.....	145 630	13 250	158 880
Shop Laboratories.....	51 985	6 370	58 355
<i>Total, General</i>	<i>\$642 865</i>	<i>\$54 960</i>	<i>\$697 825</i>

Administration

Account Number 70-15-05		
1. ———, Associate Dean.....	BY	\$ 14 350
2. F. W. Trezise, Associate Dean and Professor, <i>Emeritus</i>	R	.....
3. Rupert M. Price, Assistant Dean.....	ZBY	14 200
4. H. Dale Walraven, Assistant to Associate Dean.....	ZBY	12 500

Nonacademic Salaries	20 910
<i>Total, Salaries</i>	(61 960)
Wages.....	2 010
Expense	4 700
Contingent.....	1 000
Convention Travel	2 700
Equipment	700
<i>Total, Wages, Expense, and Equipment</i>	(11 110)
<i>Total, Administration</i>	\$ 73 070

Architecture and Art

Account Number 70-15-10

1. Harold McEldowney, Professor of Architecture and Head of Department.....	A	\$ 12 650
2. John D. McNee, Professor of Art.....	A	10 200
3. Henry L. Mikolajczyk, Professor of Architecture.....	A	10 700
4. Canio Radice, Professor of Art.....	A	10 300
5. John F. Richardson, Professor of Art.....	A	10 200
6. Kenneth G. Shopen, Professor of Art.....	A	10 200
7. Edward E. Burr, Associate Professor of Art.....	A	8 800
8. Anthony DeFilipps, Associate Professor of Architecture	A	10 300
9. Rowland Rathbun, Associate Professor of Architecture	A	9 350
10. John E. Walley, Associate Professor of Art.....	A	10 300
11. _____, Associate Professor of Architecture.....	A	9 000
12. Winston Elting, Assistant Professor of Architecture...	B	9 450
13. Roland F. Ginzel, Assistant Professor of Art.....	B	8 250
(On leave with one-half pay 1962-63)		
14. Don A. Masterton, Assistant Professor of Art.....	B	8 150
15. Robert W. Nickle, Assistant Professor of Art.....	B	8 600
16. Nancy Stableford, Assistant Professor of Art.....	B	7 300
17. _____, Instructor in Art.....	D40	2 500
18. 0.40 Full-time Equivalent Assistants.....	E	1 950
Nonacademic Salaries		8 760
<i>Total, Salaries</i>		(166 960)
Wages.....		2 130
Expense		6 200
Equipment		1 750
<i>Total, Wages, Expense, and Equipment</i>		(10 080)
<i>Total, Architecture and Art</i>		\$177 040

Engineering

Account Number 70-15-15

1. Arnold C. Cobb, Professor of Theoretical and Applied Mechanics	A}	\$ 11 000
Acting Head of Department.....	D}	
2. Edward H. Coe, Associate Professor of Civil Engineering	A	9 900
3. F. P. Wiesinger, Associate Professor of Civil Engineering.....	A	9 100
4. Robert W. Gerstner, Assistant Professor of Civil Engineering	B	8 400
5. William Graf, Assistant Professor.....	B	8 000
6. Algis Pabarcus, Assistant Professor.....	B	8 300
7. _____, Assistant Professor.....	D	7 800
8. _____, Assistant Professor.....	B	7 900
9. _____, Instructor in Theoretical and Applied Mechanics	D	7 100
Nonacademic Salaries		1 950
<i>Total, Salaries</i>		(79 450)
Wages.....		1 310
Expense		2 500
Equipment		2 600
<i>Total, Wages, Expense, and Equipment</i>		(6 410)
<i>Total, Engineering</i>		\$ 85 860

General Engineering

Account Number 70-15-20

1. C. I. Carlson, Professor and Head of Department.....	A	\$ 13 400
2. Harold R. Goppert, Professor.....	A	10 550
3. S. E. Shapiro, Professor.....	A	10 400
4. H. Dale Walraven, Professor.....	ZAY	.....
5. Dee M. Holladay, Associate Professor.....	A	8 400
6. Richard C. Kohler, Associate Professor of General Engineering Drawing	A	9 100
7. L. N. Blair, Assistant Professor.....	B	8 150
8. Truman C. Buss, Jr., Assistant Professor.....	B	7 800
9. Marion V. J. Dembski, Assistant Professor.....	B	7 900
10. Francis A. Mosillo, Assistant Professor.....	B	6 700
11. Richard S. Royster, Assistant Professor.....	B	7 900
12. Fred W. Schroeder, Assistant Professor.....	B	8 150
13. Henry A. Setton, Assistant Professor.....	B	8 100
14. Edward J. Caldario, Instructor.....	D	6 600
15. William Defotis, Instructor.....	D	6 800
16. Donald A. Kurz, Instructor in General Engineering Drawing	D	5 850
17. Robert Pancner, Instructor.....	D	6 250
Nonacademic Salaries		4 830
<i>Total, Salaries</i>		(136 880)
Wages.....		1 790
Expense		4 950
Equipment		1 000
<i>Total, Wages, Expense, and Equipment</i>		(7 740)
<i>Total, General Engineering</i>		\$144 620

Physics

Account Number 70-15-25

1. Edward B. McNeil, Professor.....	A}	\$ 10 500
Acting Head of Department.....	D}	
2. Ora Lee Railsback, Professor.....	ZAY	.....
3. Lester Winsberg, Professor.....	A33	3 300
4. William R. Anderson, Associate Professor.....	A	8 800
5. Louis Chandler, Associate Professor.....	A	9 500
6. Herman J. Johnson, Associate Professor.....	A	8 800
7. Rupert M. Price, Associate Professor.....	ZAY	.....
8. Harold M. Skadeland, Associate Professor.....	A	10 000
9. H. B. Weissman, Associate Professor.....	A	9 300
10. Leon Bess, Assistant Professor.....	B75	6 000
11. Jared W. Haslett, Assistant Professor.....	B	7 600
12. Isidor Lerner, Assistant Professor.....	B	7 400
13. Ogden Livermore, Assistant Professor.....	B	7 600
14. Fishel E. Moraine, Assistant Professor.....	B	8 000
15. John N. Pappademos, Assistant Professor.....	B	7 800
16. A. F. Silkett, Assistant Professor.....	B	8 100
17. James W. Wilbur, Instructor.....	D	6 700
18. Allan R. Brown, Visiting Lecturer.....	E	7 800
19. 0.20 Full-time Equivalent Assistants.....	E	850
Nonacademic Salaries		17 580
<i>Total, Salaries</i>		(145 630)
Wages.....		2 100
Expense		4 500
Equipment		6 650
<i>Total, Wages, Expense, and Equipment</i>		(13 250)
<i>Total, Physics</i>		\$158 880

Shop Laboratories

Account Number 70-15-30

1. Roy B. Perkins, Associate Professor of Mechanical Engineering and Head of Shop.....	A	\$ 11 000
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2. J. S. Kozacka, Professor of Mechanical Engineering, <i>Emeritus</i>	R
3. Roy W. Schroeder, Associate Professor of Foundry and Pattern Laboratory	A	10 000
4. Jon L. Liljequist, Instructor in Mechanical Engineering	D	7 900
Nonacademic Salaries		23 085
<i>Total, Salaries</i>		(51 985)
Wages.....		1 420
Expense		3 775
Equipment		1 175
<i>Total, Wages, Expense, and Equipment</i>		(6 370)
<i>Total, Shop Laboratories</i>		\$ 58 355

COMMERCE AND BUSINESS ADMINISTRATION

Account Number 70-20-05		
1. ———, Associate Dean	BY}	\$ 15 750
Professor of Accountancy.....	AY}	
2. William J. Dunne, Assistant Dean and Assistant Profes- sor of Economics.....	BY	12 600
3. Alfonse T. Malinosky, Assistant to Dean.....	BY50	5 000
Associate Professor of Accountancy.....	A50	4 100
(Total Salary)		(9 100)
4. Lucille Derrick, Professor of Economics.....	A	11 200
5. Samuel Fox, Professor of Accountancy.....	A	10 800
(On leave with pay second semester 1962-63)		
6. Clarence H. Gillett, Professor of Management.....	A	11 100
7. W. D. Grampp, Professor of Economics.....	A	10 650
8. Sarah M. Kabbes, Associate Professor of Accountancy	A	9 700
9. Albert J. Schneider, Associate Professor of Accountancy	A	10 100
10. Fayette B. Shaw, Associate Professor of Finance.....	A	8 850
11. Daniel K. Andrews, Assistant Professor of Accountancy	B	7 450
12. Winifred B. Geldard, Assistant Professor of Economics	B	7 150
13. Edward C. Knudson, Assistant Professor, <i>Emeritus</i>	R	.....
14. Carl M. Larson, Assistant Professor of Marketing.....	B	7 900
15. Lawrence Lipkin, Assistant Professor of Accountancy..	B	7 000
16. Oscar Miller, Assistant Professor of Economics.....	B	7 300
17. ———, Assistant Professor of Economics.....	B50	4 000
18. Albert V. Alhadeff, Instructor in Economics.....	D	5 200
19. Ralph S. Fine, Instructor in Accountancy.....	D	5 100
20. Norman D. Hedish, Instructor in Accountancy.....	D	5 500
21. James M. Madison, Instructor in Economics.....	D	6 000
22. Josephine Margraff, Instructor in Accountancy.....	D50	2 600
23. Edward T. Ossman, Instructor in Accountancy.....	D	5 300
24. Harold E. Rife, Instructor in Economics.....	D	6 450
25. Arthur O. Seltzer, Instructor in Economics.....	D	7 150
26. 0.20 Full-time Equivalent Assistants.....	E	800
Nonacademic Salaries		13 950
<i>Total, Salaries</i>		(208 700)
Wages.....		740
Expense		3 700
Convention Travel		540
<i>Total, Wages, Expense, and Equipment</i>		(4 980)
<i>Total, Commerce and Business Administration</i>		\$213 680

PHYSICAL EDUCATION

	General	Wages, Ex- pense, and Equipment	Total
<i>Instruction</i>	<i>Salaries</i>		
Physical Education.....	\$190 824	\$22 000	\$212 824
<i>Total, General</i>	\$190 824	\$22 000	\$212 824

Restricted		<i>Wages, Ex- pense, and Equipment</i>	<i>Total</i>
<i>Auxiliary Enterprises</i>	<i>Salaries</i>		
Student Athletic Activities.....	\$15 680	\$37 120	\$52 800
<i>Total, Restricted</i>	\$15 680	\$37 120	\$52 800

Physical Education

Account Number 70-20-10

1. J. O. Jones, Associate Dean and Director of Athletics... ZBY90}	\$ 15 950
Professor of Physical Education for Men..... AY }	(17 300)
(Total Salary)	
2. Sheldon L. Fordham, Assistant Dean and Associate Pro- ZA	9 500
fessor of Physical Education for Men.....	(10 200)
(Total Salary)	
3. Helen M. Barton, Professor of Physical Education for A	10 200
Women and Head of Women's Department.....	
4. Peter R. Berrafato, Associate Professor of Physical ZA	8 500
Education for Men.....	(9 800)
(Total Salary)	
5. Leo L. Gedvilas, Associate Professor of Physical Edu- ZA	9 200
cation for Men.....	(9 600)
(Total Salary)	
6. Charles Kristufek, Assistant Professor of Physical Ed- ZB	7 700
ucation for Men.....	(8 600)
(Total Salary)	
7. Lester H. Miller, Jr., Assistant Professor of Physical ZB	9 000
Education for Men.....	(9 900)
(Total Salary)	
8. Benedict Montcalm, Assistant Professor of Physical Ed- ZB	7 500
ucation for Men.....	(8 400)
(Total Salary)	
9. Wilma J. Pesavento, Assistant Professor of Physical B	6 650
Education for Women.....	
10. Richard R. Rader, Assistant Professor of Physical Ed- ZB	7 100
ucation for Men.....	(7 900)
(Total Salary)	
11. Walter G. Versen, Assistant Professor of Physical Ed- ZB	7 800
ucation for Men.....	(8 700)
(Total Salary)	
12. Michael G. Maksud, Instructor in Physical Education ZD	5 900
for Men	(6 800)
(Total Salary)	
13. Harold H. Nemoto, Instructor in Physical Education ZD	5 900
for Men	(6 700)
(Total Salary)	
14. George J. Strnad, Instructor in Physical Education for ZD	6 700
Men.....	(7 600)
(Total Salary)	
15. ———, Instructor in Physical Education for D	2 750
Women.....	
16. Robert J. Beck, Assistant in Physical Education for Men ZE	4 600
(Total Salary)	(5 400)
17. Donna J. Claypoole, Assistant in Physical Education for E	5 600
Women.....	
18. James Descourouez, Assistant in Physical Education for ZE	4 600
Men.....	(5 400)
(Total Salary)	
19. George Jurinek, Assistant in Physical Education for Men ZE	4 500
(Total Salary)	(5 000)
20. Patricia M. Lynn, Assistant in Physical Education for E	5 000
Women.....	
21. Ralph Mackh, Assistant in Physical Education for Men ZE	4 500
(Total Salary)	(5 000)

22. Robert L. Nolan, Assistant in Physical Education for Men.....	ZE	5 000
(Total Salary)		(5 700)
23. Marla Perry, Assistant in Physical Education for Women.....	E	5 000
24. Zelda S. Rozen, Assistant in Physical Education for Women	E	5 000
25. Thomas F. Russo, Assistant in Physical Education for Men.....	ZE	4 600
(Total Salary)		(5 400)
Nonacademic Salaries		22 074
<i>Total, Salaries</i>		(190 824)
Wages.....		2 210
Expense		16 690
Convention Travel		600
Equipment		2 500
<i>Total, Wages, Expense, and Equipment</i>		(22 000)
<i>Total, Physical Education</i>		\$212 824

Auxiliary — Student Athletic Activities

Account Number 75-15-10

1. J. O. Jones, Director of Athletics.....	ZBY10	\$ 1 350
(Total Salary)		(17 300)
2. Sheldon L. Fordham, Associate Professor of Physical Education for Men.....	ZG	700
(Total Salary)		(10 200)
(Overtime basis)		
3. Peter R. Berrafato, Associate Professor of Physical Education for Men.....	ZG	1 300
(Total Salary)		(9 800)
(Overtime basis)		
4. Leo L. Gedvilas, Associate Professor of Physical Education for Men.....	ZG	400
(Total Salary)		(9 600)
(Overtime basis)		
5. Charles Kristufek, Assistant Professor of Physical Education for Men.....	ZG	900
(Total Salary)		(8 600)
(Overtime basis)		
6. Lester H. Miller, Jr., Assistant Professor of Physical Education for Men.....	ZG	900
(Total Salary)		(9 900)
(Overtime basis)		
7. Benedict Montcalm, Assistant Professor of Physical Education for Men.....	ZG	900
(Total Salary)		(8 400)
(Overtime basis)		
8. Richard R. Rader, Assistant Professor of Physical Education for men.....	ZG	800
(Total Salary)		(7 900)
(Overtime basis)		
9. Walter G. Versen, Assistant Professor of Physical Education for Men.....	ZG	900
(Total Salary)		(8 700)
(Overtime basis)		
10. Michael G. Maksud, Instructor in Physical Education for Men	ZG	900
(Total Salary)		(6 800)
(Overtime basis)		
11. Harold H. Nemoto, Instructor in Physical Education for Men	ZG	800
(Total Salary)		(6 700)
(Overtime basis)		

12. George J. Strnad, Instructor in Physical Education for Men	ZG	900
(Total Salary)		(7 600)
(Overtime basis)		
13. Robert J. Beck, Assistant in Physical Education for Men	ZG	800
(Total Salary)		(5 400)
(Overtime basis)		
14. James C. Descourouez, Assistant in Physical Education for Men	ZG	800
(Total Salary)		(5 400)
15. George Jurinek, Assistant in Physical Education for Men	ZG	500
(Total Salary)		(5 000)
16. Ralph Mackh, Assistant in Physical Education for Men	ZG	500
(Total Salary)		(5 000)
(Overtime basis)		
17. Robert L. Nolan, Assistant in Physical Education for Men	ZG	700
(Total Salary)		(5 700)
18. Thomas F. Russo, Assistant in Physical Education for Men	ZG	800
(Total Salary)		(5 400)
(Overtime basis)		
Nonacademic Salaries		830
Total, Salaries		(15 680)
Wages		1 500
Expense		35 620
Total, Wages, Expense, and Equipment		(37 120)
Total, Auxiliary—Student Athletic Activities		\$ 52 800

ARMED FORCES

Account Number 70-20-20

1. Daniel Crumpacker, Associate Professor of Military Science and Head of Department	AY	
Nonacademic Salaries		\$ 4 140
Total, Salaries		(4 140)
Wages		960
Expense		1 900
Equipment		300
Total, Wages, Expense, and Equipment		(3 160)
Total, Armed Forces		\$ 7 300

SUMMER SESSION

Account Number 70-20-25

Salaries of Academic Staff	\$145 000
Total, Summer Session	\$145 000

LIBRARY

Account Number 70-20-30

1. Edward M. Heiliger, Librarian	BY}	
Professor of Library Administration	AY}	\$ 13 400
2. Louis Schultheiss, Head of Technical Service with rank of Associate Professor	AY	10 000
3. Don S. Culbertson, Chief of Data Processing with rank of Assistant Professor	BY	7 950
4. Carl J. Frommherz, Catalog Librarian with rank of Assistant Professor	BY	8 650
5. Marie A. Rapp, Circulation Librarian with rank of Assistant Professor	BY	9 000
6. Giles B. Robertson, Reference Librarian with rank of Assistant Professor	BY	9 000
7. Robert Adelsperger, Assistant Reference Librarian with rank of Instructor	DY	7 000
8. Marjorie Bengtson, Assistant Reference Librarian with rank of Instructor	DY	6 300

9. Lloyd Engelbrecht, Fine Arts Librarian with rank of Instructor	DY	7 100
10. Martha Kester, Assistant Catalog Librarian with rank of Instructor	DY	7 100
11. Melvin J. Klatt, Assistant Reference Librarian with rank of Instructor.....	DY	6 700
12. Gladys R. Spargo, Acquisitions Assistant Librarian...	DY	5 600
Nonacademic Salaries		60 310
<i>Total, Salaries</i>		(158 110)
Wages.....		5 500
Expense		6 000
Equipment		1 200
Library Additions		31 500
<i>Total, Wages, Expense, and Equipment</i>		(44 200)
<i>Total, Library</i>		\$202 310

PHYSICAL PLANT**General**

	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
<i>Physical Plant</i>			
Administration	\$26 680	\$ 10 095	\$ 36 775
Building Operation	9 000	234 016	243 016
Police and Watchmen		157 856	157 856
Building Maintenance	23 882	130 548	154 430
Trucks and Cars		14 311	14 311
Grounds Maintenance		13 854	13 854
Heat, Light, and Power		207 888	207 888
Building Rental		189 550	189 550
Use of Facilities		1 500	1 500
<i>Total, General</i>	\$59 562	\$959 618	\$1 019 180

Restricted

	<i>Salaries</i>	<i>Wages, Expense, and Equipment</i>	<i>Total</i>
<i>Auxiliary Enterprises</i>			
Food Service	\$25 836	\$213 150	\$238 986
Illini Union Facility	11 678	35 825	47 503
<i>Total, Restricted</i>	\$37 514	\$248 975	\$286 489

Administration

Account Number 70-25-02		
1. H. W. Pearce, Associate Director of Physical Plant... ZDY		
Nonacademic Salaries		\$ 26 680
<i>Total, Salaries</i>		(26 680)
Wages.....		4 895
Expense		5 000
Equipment		200
<i>Total, Wages, Expense, and Equipment</i>		(10 095)
<i>Total, Administration</i>		\$ 36 775

Building Operation

Account Number 70-25-04		
Nonacademic Salaries		\$ 9 000
<i>Total, Salaries</i>		(9 000)
Wages.....		215 856
Expense		18 160
<i>Total, Wages, Expense, and Equipment</i>		(234 016)
<i>Total, Building Operation</i>		\$243 016

Police and Watchmen

Account Number 70-25-06		
Wages.....		\$154 103
Expense		3 753
<i>Total, Police and Watchmen</i>		\$157 856

Building Maintenance

Account Number 70-25-08	
Nonacademic Salaries	\$ 23 882
<i>Total, Salaries</i>	(23 882)
Wages, General	99 373
Wages, Renewal and Replacement.....	13 497
Expense, General	13 840
Expense, Renewal and Replacement.....	3 738
Equipment	100
<i>Total, Wages, Expense, and Equipment</i>	(130 548)
<i>Total, Building Maintenance</i>	\$154 430

Trucks and Cars

Account Number 70-25-80	
Wages	\$ 12 356
Expense	1 955
<i>Total, Trucks and Cars</i>	\$ 14 311

Grounds Maintenance

Account Number 70-25-82	
Wages	\$ 13 304
Expense	550
<i>Total, Grounds Maintenance</i>	\$ 13 854

Heat, Light, and Power

Account Number 70-25-84	
Wages	\$ 96 780
Expense	111 008
Equipment	100
<i>Total, Heat, Light, and Power</i>	\$207 888

Building Rental

Account Number 70-25-94	
Expense, Building Rental.....	\$163 160
Expense, Drill Hall Rental.....	25 240
Expense, Insurance	1 150
<i>Total, Building Rental</i>	\$189 550

Use of Facilities

Account Number 70-25-98	
Use of Facilities.....	\$ 1 500
<i>Total, Use of Facilities</i>	\$ 1 500

Planning and Engineering Revolving

Account Number 75-10-10	
1. H. W. Pearce, Associate Director of Physical Plant... ZDY	\$ 17 500
Nonacademic Salaries	5 430
<i>Total, Planning and Engineering Revolving</i>	\$ 22 930

Auxiliary Enterprises**Food Service**

Account Number 75-15-05	
Nonacademic Salaries	\$ 25 836
<i>Total, Salaries</i>	(25 836)
Wages.....	87 688
Expense	125 462
<i>Total, Wages, Expense, and Equipment</i>	(213 150)
<i>Total, Food Service</i>	\$238 986

Illini Union Facility

Account Number 75-15-35	
1. J. J. Overlock, Director of Illini Union..... ZDY50	\$ 6 500
(Total Salary)	(13 000)
Nonacademic Salaries	5 178
<i>Total, Salaries</i>	(11 678)

Wages.....	3 350
Expense	32 475
<i>Total, Wages, Expense, and Equipment.....</i>	<i>(35 825)</i>
<i>Total, Illini Union Facility.....</i>	<i>\$ 47 503</i>

Office-Classroom Buildings

Account Number 05-91-05-063

1. J. J. Overlock, Director of Illini Union..... ZDY	\$ 6 500
(Total Salary)	(13 000)
<i>Total, Office-Classroom Buildings.....</i>	<i>\$ 6 500</i>

NONACADEMIC SALARIES**URBANA-CHAMPAIGN****ADMINISTRATION AND GENERAL****Board of Trustees**

Account Number 00-10-01-000

1. Maude Archdeacon, 0136, Administrative Clerk..... N	\$ 7 920
2. Catherine C. Cacioppo, 0137, Clerk-Stenographer III..... N	4 800
3. Norma J. Barton, 0138, Clerk-Typist II..... N	2 700
4. Brenda J. Eddings, 0139, Clerk-Typist II..... N	2 820
<i>Total, Board of Trustees.....</i>	<i>\$18 240</i>

President's Office

Account Number 00-10-02-000

1. E. G. Smith, 0140, Executive Aide..... N	\$ 9 000
2. Thelma I. Radwell, 0146, Chief Clerk..... N	6 120
3. Vera K. Burke, 6809, Clerk-Stenographer II..... N	4 200
4. Sharon L. Holt, 0147, Clerk-Stenographer II..... N	3 480
5. Marian G. Neef, 8872, Clerk-Stenographer II..... N	3 330
6. Judith L. Conover, 6816, Clerk-Stenographer III..... N	4 080
7. Dorothy R. McAndrews, 7787, Clerk-Stenographer III... N	4 800
8. Bonnie L. Nichols, 8086, Clerk-Stenographer III..... N	4 530
9. Wilma R. Blum, 6008, Clerk-Typist III..... N	4 650
10. Bonnie J. Malcor, 9480, Clerk-Typist III..... N	3 720
11. Virginia J. Hendrix, 0145, Secretary — Stenographic... N	6 180
12. Zelma C. Holl, 0142, Secretary — Stenographic..... N	7 110
13. Betty L. Hull, 9452, Secretary — Stenographic..... N	5 460
14. Ruth E. Klein, 0143, Secretary — Stenographic..... N	7 110
15. Frances G. Dickman, 0141, Administrative Secretary — Stenographic	8 520
<i>Total, President's Office.....</i>	<i>\$82 290</i>

Indirect Costs — President's Office

Account Number 40-10-02-000

1. Janet S. Hays, 0149, Clerk-Stenographer I..... N	\$ 3 120
<i>Total, Indirect Costs — President's Office.....</i>	<i>\$ 3 120</i>

Executive Vice-President and Provost's Office

Account Number 00-10-04-000

1. Myla M. Messman, 0151, Clerk-Stenographer II..... N	\$ 3 300
2. _____, Clerk-Stenographer III..... N	4 000
3. Mildred M. Luther, 0152, Secretary — Stenographic.... N	7 200
4. Ellen Rhode, 1779, Secretary — Stenographic..... N	7 150
5. Ruth M. Anderson, 0150, Administrative Secretary — Stenographic	9 000
<i>Total, Executive Vice-President and Provost's Office...</i>	<i>\$30 650</i>

Cooperative Investigations

FORD FOUNDATION — COMMUNITY DEVELOPMENT

Account Number 44-10-04-028

1. Barbara N. Sokolowski, 9191, Clerk-Typist III..... N	\$ 4 500
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Vice-President and Comptroller's Office**Account Number 00-10-06-000**

1. Vincent O. Greene, 0192, Accountant II.....	N	\$ 8 550
2. Marilyn J. Swearingen, 0200, Clerk-Stenographer III....	N	4 620
3. Marilyn A. Copeland, 0196, Clerk-Typist III.....	N	3 720
4. Mona F. Bail, 0195, Secretary — Stenographic.....	N	4 890
5. Gladys L. Paul, 0194, Secretary — Stenographic.....	N	7 200
6. James R. Gallivan, 0198, Supervisor of Insurance.....	ZN40	3 800
(Total Salary)		(9 500)
<i>Total, Vice-President and Comptroller's Office.....</i>		<i>\$32 780</i>

Auxiliary — Hospital Insurance Administration**Account Number 18-10-06-701**

1. J. Richard Stillwell, 0413, Typing Clerk III.....	N	\$ 3 600
2. Linda M. Downing, 8831, Clerk-Stenographer I.....	N	2 880
3. Harriet S. Turik, 0199, Clerk-Typist III.....	N	3 480
4. James R. Gallivan, 0198, Supervisor of Insurance.....	ZN60	5 700
5. Robert A. Hershbarger, 7184, Assistant Supervisor of Insurance	N	7 260
<i>Total, Auxiliary — Hospital Insurance Administration..</i>		<i>\$22 920</i>

Business Office**Accounting Division****Account Number 00-10-08-000**

1. Delories L. Biddle, 9026, Accountant I.....	N	\$ 5 460
2. Rita C. A. Peters, 0213, Accountant I.....	N	5 760
3. Joseph A. Garza, 0217, Accountant II.....	N	7 140
4. Charles O. Parvin, 0216, Accountant II.....	N	8 460
5. Earl M. Snyder, 0214, Accountant II.....	N	7 900
6. Robert N. Parker, 0212, Accountant III.....	N	11 100
7. W. D. Green, 0211, Assistant Chief Accountant.....	N	12 200
8. Leah B. Austin, 8187, Clerk II.....	N	2 940
9. Julie M. Mayfield, 6876, Clerk II.....	N	2 700
10. Henrietta C. Trump, 7943, Clerk II.....	N	2 640
11. Betty E. Wagner, 0232, Clerk II.....	N	3 420
12. Mildred F. Young, 6894, Clerk II.....	N	2 880
13. ———, 8343, Clerk II.....	ZN	.....
(Paid from Residence Halls)		
14. Ruth Bryant, 0286, Clerk III.....	N	3 960
15. Esther B. Theilmann, 6893, Accounting Clerk II.....	N	5 400
16. Wanda M. Whitton, 0207, Accounting Clerk II.....	N	4 560
17. Loisdene Smith, 0227, Typing Clerk II.....	N	2 760
18. Marlene R. Millsap, 5464, Clerk-Typist I.....	N	2 400
19. ———, Clerk-Typist II.....	N	2 700
20. Florence A. Carson, 0300, Clerk-Typist III.....	N	3 540
21. Helen L. Stutzman, 0229, Clerk-Typist III.....	N	3 600
22. Sharon L. Easton, 7822, Card Punch Operator I.....	N	2 880
23. Lois A. Kibler, 6892, Card Punch Operator I.....	N	2 940
24. Violet Gaschler, 0219, Secretary — Stenographic.....	N	5 640
25. Julia M. Hunt, 0283, Inventory Supervisor.....	N	7 020
<i>Total, Accounting Division.....</i>		<i>\$120 000</i>

INDIRECT COSTS — ACCOUNTING DIVISION**Account Number 40-10-08-000**

1. Michael L. Crowell, 5865, Accountant I.....	N	\$ 5 550
2. ———, Accountant II.....	N	6 000
3. Mary June Black, 0226, Clerk II.....	N	2 640
4. Teena M. Forsythe, 0236, Clerk II.....	ZN50	1 350
(Total Salary)		(2 700)
5. Joanna G. Gillaspie, 8309, Clerk II.....	N	2 700
6. Louise Mitchell, 0272, Clerk II.....	N	2 520
7. Lillian M. Nichols, 5214, Clerk II.....	N	3 420
8. Ann V. Peart, 0237, Typing Clerk II.....	N	2 640
<i>Total, Indirect Costs — Accounting Division.....</i>		<i>\$26 820</i>

Auditing Division**Account Number 00-10-09-000**

1. Donald C. Bruegman, 9301, Accountant I.....	N50	\$ (2 820)
2. Albert E. Marien, 5042, Accountant I.....	N	6 120
3. _____, 0215, Accountant I.....	N	5 500
4. C. Roland Alderson, 0204, Accountant II.....	N	8 760
5. C. Richard Nash, 8871, Accountant II.....	N	6 700
6. Thomas R. Wainwright, 0208, Accountant II.....	N	6 800
7. _____, Accountant II.....	N	6 500
8. Sidney M. Stafford, 0202, Accountant III.....	N	10 100
9. David W. Bonham, 7485, Assistant to Auditor.....	N	11 000
10. Henry T. Kink, 0201, Assistant Auditor.....	N	11 100
11. Dorothy W. Klavins, 0210, Clerk-Stenographer III.....	N	3 960
<i>Total, Auditing Division.....</i>		<u>\$76 540</u>

INDIRECT COSTS, AUDITING DIVISION**Account Number 40-10-09-000**

1. Robert C. Olson, 0203, Accountant II.....	N	\$ 8 900
2. Alfred Rappaport, 0209, Accountant II.....	N50	3 000
<i>Total, Indirect Costs — Auditing Division.....</i>		<u>\$11 900</u>

Bursar's Division**Account Number 00-10-10-000**

1. Robert E. Gentry, 7919, Assistant Bursar.....	N	\$11 100
2. William M. Griffith, 7920, Assistant Bursar.....	N	11 700
3. R. W. Zimmer, 0238, Assistant Bursar.....	N	11 600
4. Ronald F. Morrill, 0247, Cashier II.....	N	4 980
5. Emily J. Sawyer, 7867, Cashier II.....	ZN	.....
(Paid from Residence Halls)		
6. Dale T. Boyer, 0245, Cashier III.....	N	7 260
7. Paul J. Foil, 0246, Cashier III.....	N	7 560
8. Karen K. Duncan, 7247, Clerk II.....	N	3 150
9. Dorothy B. Moore, 7037, Clerk II.....	ZN	.....
(Paid from Residence Halls)		
10. Helen J. Polk, 8633, Accounting Clerk I.....	N	4 200
11. Vivian J. Alexander, 8765, Payroll Clerk I.....	N	2 700
12. Virginia L. Elder, 0252, Payroll Clerk I.....	N	2 970
13. Betty A. Cekander, 0250, Payroll Clerk II.....	N	4 200
14. Mary I. Crowley, 0254, Payroll Clerk II.....	N	3 510
15. Edith B. Reimann, 6346, Payroll Clerk II.....	N	4 200
16. J. R. Carlson, 0249, Payroll Clerk III.....	N	6 600
17. Margaret C. Mehr, 0251, Payroll Clerk III.....	N	6 150
18. Hortense S. Johnson, 0248, Chief Payroll Clerk.....	N	7 740
19. Marlene A. Chandler, 0266, Typing Clerk II.....	N	3 450
20. _____, 8679, Clerk-Stenographer I.....	N	2 880
21. Sandra C. Lewis, 0267, Clerk-Stenographer II.....	N	3 870
22. Judith J. Clapper, 8269, Clerk-Typist I.....	N	2 520
23. Janet M. Lurk, 8288, Clerk-Typist I.....	N	2 400
24. Judith D. Gynn, 0270, Clerk-Typist II.....	N	2 670
25. Alwynne G. Paulson, 0261, Secretary — Stenographic.....	N	5 340
26. R. F. Wood, 0240, Supervisor of Credit Collections.....	N	9 150
<i>Total, Bursar's Division.....</i>		<u>\$131 900</u>

INDIRECT COSTS — BURSAR'S DIVISION**Account Number 40-10-10-000**

1. Donald C. Padgett, 5956, Accountant I.....	N	\$ 6 060
2. John K. Stanley, 6979, Accountant I.....	N	5 790
3. S. Edward Read, 0242, Accountant II.....	N	9 000
4. _____, 6128, Clerk II.....	N50	1 500
5. _____, Clerk II.....	N	2 820
6. Martha M. Warnes, 8078, Clerk III.....	N	3 810
7. Wilma J. James, 8634, Accounting Clerk I.....	N	3 000
8. George W. Burroughs, 7345, Accounting Clerk II.....	N	4 110
9. Lucille Ekiss, 5782, Accounting Clerk II.....	N	4 680
10. Helen P. Hites, 7150, Accounting Clerk II.....	N	4 110

11. _____, Payroll Clerk II.....	N	3 000
12. Rene I. Hudson, 7036, Typing Clerk II.....	ZN33	1 040
(Total Salary)		(3 090)
13. Martha A. Glenn, 0265, Clerk-Stenographer III.....	N	3 780
14. Prudence K. Davidson, 0271, Clerk-Typist I.....	N	2 400
Total, Indirect Costs—Bursar's Division.....		\$55 100

LOAN OPERATING EXPENSE

Account Number 70-10-10-910

1. Genese C. Hylland, 6570, Clerk II.....	N	\$ 2 850
2. Thomas E. Shepperd, 7622, Clerk II.....	N50	1 500
3. Carol Ann Erb, 0269, Typing Clerk III.....	N	3 810
4. Sally A. Brauer, 0268, Clerk-Typist I.....	N	2 520
Total, Loan Operating Expense.....		\$10 680

Purchasing Division

Account Number 00-10-11-000

1. Robert E. Lumsden, Purchasing Assistant I.....	N	\$ 5 200
2. Carl J. Meskimen, 8842, Purchasing Assistant I.....	N	5 550
3. Molly M. Shoaf, 5526, Purchasing Assistant I.....	N	5 190
4. Wendell E. Crawford, 0282, Purchasing Assistant II.....	ZN80	6 600
(Total Salary)		(8 250)
5. R. F. Hott, 0278, Purchasing Assistant II.....	ZN40	3 600
(Total Salary)		(9 000)
6. Richard A. Martin, 0281, Purchasing Assistant II.....	N	7 200
7. Max M. Matthews, 0276, Purchasing Assistant II.....	ZN75	6 180
(Total Salary)		(8 250)
8. John W. Gomperts, 0277, Purchasing Assistant III.....	N	9 500
9. Glenn E. Musgrave, 1807, Assistant to Military Property Custodian	N	7 800
10. _____, Clerk II.....	N	3 000
11. Pearl L. McCollough, 0297, Clerk III.....	N	4 110
12. William E. Wells, 1809, Chief Clerk.....	N	6 360
13. Velda J. Evans, 0294, Typing Clerk II.....	N	2 820
14. Nancy S. McLeod, 0299, Typing Clerk II.....	N	2 640
15. Sarah F. Block, 0288, Clerk-Typist I.....	N	2 520
16. Janice L. Belmont, 9277, Clerk-Typist II.....	N	2 700
17. Janet S. Gee, 0302, Clerk-Typist II.....	N	2 820
18. Helen C. Goings, 8303, Clerk-Typist II.....	ZN	.....
(Paid from Bond Property Operation)		
19. Marian E. Langhoff, 0289, Clerk-Typist II.....	N	2 820
20. Kyoko Lichtenstein, 0301, Clerk-Typist II.....	N	2 640
21. Merrian E. Lourash, 0293, Clerk-Typist II.....	N	3 420
22. Catherine B. Flaherty, 0292, Clerk-Typist III.....	N	3 300
23. Barbara J. Williamson, 0296, Clerk-Typist III.....	N	3 600
24. George W. Kinningham, 0274, Assistant Director of Purchases.....	N	10 800
25. Paul B. Bruns, 0305, Routeman Helper.....	N	5 448
26. Paul O. Murrah, 0304, Routeman Helper.....	N	5 448
27. W. H. Whetstone, 0275, Traffic Manager.....	N	9 300
28. Bernice E. Bothwell, 0284, Secretary—Stenographic.....	N	5 250
29. Derald D. Meier, 7510, Storekeeper II.....	N	5 040
30. Irvin Nussmeyer, 1815, Storekeeper II.....	N	5 040
31. Reuben C. Deedrick, 1814, Storekeeper III.....	N	5 880
32. Charles L. Hoch, 0303, Supervisor of Central Receiving Station.....	N	7 620
Total, Purchasing Division.....		\$159 396

STORES—GENERAL CHEMICAL STORES OVERHEAD

Account Number 08-10-11-933

1. Wendell E. Crawford, 0282, Purchasing Assistant II.....	ZN20	\$ 1 650
2. Gerry N. Specht, 8377, Clerk-Typist II.....	N	2 700
3. Lella R. Lancaster, 5053, Clerk-Typist III.....	N	4 260

4. _____, Routeman	P	6 040
5. Robert B. Trumbull, 8901, Storekeeper II.....	N	4 800
6. Willis S. Lemmon, 0314, Storekeeper III.....	N	5 880
7. Charles F. Martin, 0313, Storekeeper III.....	N	5 880
8. Donald R. Murphy, 0316, Storekeeper III.....	N	5 880
9. _____, 0315, Storekeeper III.....	N	5 880
10. L. E. Bailey, 0312, Stores Supervisor.....	N	8 760
<i>Total, Stores—General Chemical Stores Overhead.....</i>		<i>\$51 730</i>

STORES—OFFICE SUPPLY STORE OVERHEAD

Account Number 08-10-11-963

1. Max M. Matthews, 0276, Purchasing Assistant II.....	ZN25	\$ 2 070
2. Beatrice C. Sargent, 0311, Clerk II.....	N	3 180
3. Sandra S. Stewart, 7349, Clerk-Typist I.....	N	2 640
4. Raymond J. Kunza, 0306, Driver.....	P	6 171
5. Robert C. Hicks, 7763, Routeman.....	P	6 171
6. _____, Storekeeper I.....	N	4 860
7. James E. Creek, 0310, Storekeeper II.....	N	5 160
8. William L. Mathis, 5153, Storekeeper II.....	N	4 860
9. Robert E. Soloman, 0309, Storekeeper III.....	N	5 880
10. L. W. Williamson, 0308, Stores Supervisor.....	N	8 800
11. Ralph R. Squire, 5527, Assistant Supervisor of Central Receiving Station	N	5 880
<i>Total, Stores—Office Supply Store Overhead.....</i>		<i>\$55 672</i>

AIR FORCE UNIFORM COMMUTATION REVOLVING

Account Number 12-10-11-007

1. Robert F. Allen, 8494, Storekeeper II.....	N	\$ 4 800
<i>Total, Air Force Uniform Commutation Revolving.....</i>		<i>\$ 4 800</i>

INDIRECT COSTS—PURCHASING DIVISION

Account Number 40-10-11-000

1. Edward L. Choate, 5209, Purchasing Assistant I.....	N	\$ 5 340
2. Raymond G. Drollinger, 7866, Purchasing Assistant I.....	N	5 280
3. _____, Purchasing Assistant I.....	N	5 400
4. Donald F. Gillogly, 0279, Purchasing Assistant II.....	N	8 250
5. Donald L. Hartman, 9106, Purchasing Assistant II.....	N	7 950
6. _____, Clerk-Stenographer II.....	N	3 180
7. Karol L. Quinn, 0295, Clerk-Typist I.....	N	2 700
8. Patricia K. Allen, 1597, Clerk-Typist II.....	N	2 760
9. Peggy L. Brand, 0285, Clerk-Typist II.....	N	3 450
10. Gayanne Gates, 7889, Clerk-Typist II.....	N	3 600
11. Dorothy A. Link, 8276, Clerk-Typist II.....	N	3 170
12. Florence Mulvihill, 0298, Clerk-Typist II.....	N	3 210
13. Wendell G. Viles, 6935, Routeman Helper.....	N	5 448
<i>Total, Indirect Costs—Purchasing Division.....</i>		<i>\$59 738</i>

Admissions and Records

Account Number 00-10-13-000

1. Edith M. Anderson, 0334, Credentials Analyst.....	N	\$ 4 140
2. Dorothy D. Crane, 7187, Credentials Analyst.....	N	4 380
3. Mary I. Dean, 0342, Credentials Analyst.....	N	4 380
4. Helen E. Hess, 7366, Credentials Analyst.....	N	4 540
5. Marlene A. Larson, 0344, Credentials Analyst.....	N	4 140
6. Marianne Mosey, 0362, Credentials Analyst.....	N	4 380
7. Charles V. Ellington, 7832, Procedures and Systems Analyst	N	10 200
8. Margaret M. Oiler, 8693, Clerk I.....	N	2 640
9. Eleanor R. Dunn, 0345, Clerk II.....	N	2 970
10. Barbara J. Hunt, 0339, Clerk II.....	N	2 640
11. Juanita M. Orr, 7830, Clerk II.....	N	2 850
12. Barbara D. Widdows, 8775, Clerk II.....	N	2 520
13. Margaret A. Zehr, 0330, Clerk II.....	N	2 580
14. _____, 0340, Clerk II.....	N	3 390
15. Mary L. Armstrong, 9208, Clerk III.....	N	3 450

16. Gwen A. Cloyd, 0332, Clerk III.....	N	4 230
17. Katherine R. Crowley, 0329, Clerk III.....	N	4 200
18. Lois J. Dutton, 6969, Clerk III.....	N	3 300
19. Frances E. Fowler, 7185, Clerk III.....	N	3 540
20. Grace Jackson, 0336, Clerk III.....	N	3 660
21. Hazel W. Kent, 8708, Clerk III.....	N	3 600
22. Betty I. Labanowich, 9169, Clerk III.....	N	3 420
23. B. June Maurath, 9173, Clerk III.....	N	3 420
24. Elizabeth A. Moore, 0337, Clerk III.....	N	3 300
25. Lucille I. Felgenhour, 0328, Chief Clerk.....	N	4 500
26. Judy D. Allen, 5348, Typing Clerk II.....	N	2 820
27. Ruth H. Bennett, 0360, Typing Clerk II.....	N	2 940
28. Maureen C. Cogan, 7173, Typing Clerk II.....	N	2 400
29. Wanda J. Jamison, 0359, Typing Clerk II.....	N	2 820
30. Sharon L. Lower, 8703, Typing Clerk II.....	N	2 640
31. Rosella R. Funk, 7161, Typing Clerk III.....	N	3 450
32. Rosalie M. Mandy, 9186, Typing Clerk III.....	N	3 420
33. Viola M. Neary, 0351, Typing Clerk III.....	N	3 540
34. Ethelrita Printz, 8407, Typing Clerk III.....	N	3 450
35. Sheila H. Smith, 7168, Typing Clerk III.....	N	3 450
36. Darlene T. White, 0349, Typing Clerk III.....	N	3 720
37. Mildred L. Wilson, 7172, Typing Clerk III.....	N	3 660
38. Carol A. Sanders, 7163, Clerk-Stenographer I.....	N	2 700
39. Linda M. Schluter, 7300, Clerk-Stenographer I.....	N	2 970
40. Willeta M. Donaldson, 0338, Clerk-Stenographer II.....	N	3 240
41. Rita J. Gossett, 0331, Clerk-Stenographer II.....	N	3 210
42. Dianne P. Loschky, 0353, Clerk-Stenographer II.....	N	3 600
43. Naomi E. Martin, 0335, Clerk-Stenographer II.....	N	3 000
44. Arlene L. Webb, 6420, Clerk-Stenographer II.....	N	3 120
45. ———, 7838, Clerk-Stenographer II.....	N	3 030
46. Beverly A. Bailey, 1882, Clerk-Stenographer III.....	N	3 600
47. Jolana A. Gaffner, 0358, Clerk-Stenographer III.....	ZN25	900
(Total Salary)		(3 600)
48. ———, Clerk-Stenographer III.....	N	3 600
49. Sharolyn J. Cook, 0352, Clerk-Typist I.....	N	2 520
50. Sandra L. Eskridge, 0416, Clerk-Typist I.....	N	2 520
51. Patricia D. Beevers, 7199, Clerk-Typist II.....	N	2 400
52. Opal E. Davis, 9175, Clerk-Typist II.....	N	2 820
53. Sandra K. Engels, 0355, Clerk-Typist II.....	N	2 400
54. Delores Grice, 0415, Clerk-Typist II.....	N	2 940
55. Doreothe A. Hanson, 0346, Clerk-Typist II.....	N	2 820
56. Joann Joyce, 7893, Clerk-Typist III.....	N	2 880
57. Ruby McCall, 0354, Clerk-Typist II.....	N	2 670
58. Glenda M. Toppe, 0356, Clerk-Typist II.....	N	2 880
59. ———, 8705, Clerk-Typist II.....	N	2 520
60. ———, Clerk-Typist II.....	N	3 000
61. ———, Clerk-Typist II.....	N	3 000
62. ———, Clerk-Typist II.....	N	3 000
63. Lorraine T. Anderson, 8230, Clerk-Typist III.....	N	3 420
64. Mary L. Anderson, 6510, Clerk-Typist III.....	N	3 450
65. Beverly J. Pedersen, 0357, Clerk-Typist III.....	N	3 660
66. Rita R. Rund, 0333, Clerk-Typist III.....	N	4 180
67. ———, 0347, Clerk-Typist III.....	N	3 450
68. ———, Clerk-Typist III.....	N	3 650
69. George R. Dinsmore, 0320, Examiner.....	N	9 450
70. Edward T. Graening, 8273, Examiner.....	N	6 500
71. Harriet E. Hamm, 0317, Examiner.....	N	9 450
72. James R. Payne, 6832, Examiner.....	N	8 070
73. Edward J. Smith, 0319, Examiner.....	ZN50	4 675
(Total Salary)		(9 350)
74. James T. Hashbarger, 7416, Assistant Examiner.....	N	5 900
75. Robert A. Jungmann, 7936, Assistant Examiner.....	N	5 900
76. Maynard A. Duitsman, 8835, Duplicating Machine Operator I	N	2 850

77. Dorothy Clark, 0322, Recorder.....	N	9 450
78. O. Dwayne Denhart, 8756, Assistant Recorder.....	N	6 030
79. Effie E. Hetishee, 0321, Assistant Recorder.....	N	5 340
80. Myra C. Rucker, 0326, Assistant Recorder.....	N	7 000
81. May R. Sanders, 0325, Assistant Recorder.....	N	7 000
82. Vivian Wood, 7823, Assistant Recorder.....	N	5 590
83. Eileen M. Chapman, 0327, Secretary — Stenographic.....	N	5 010
84. Prudence L. Hudson, 7833, Secretary — Stenographic.....	N	5 010
85. Julie M. Johnson, 7204, Secretary — Transcribing.....	N	4 620
86. Neva L. Willis, Secretary — Transcribing.....	N	4 500
87. M. Aileen Wyninger, 0365, Secretary — Transcribing.....	ZN50	2 520
(Total Salary)		(5 040)
88. Elizabeth L. Bailie, 6973, Administrative Secretary — Stenographic	N	8 510
<i>Total, Admissions and Records.....</i>		<u>\$351 205</u>

Accountancy Committee Revolving

Account Number 12-10-13-001

1. Margaret Richardson, 8683, Clerk III.....	N	\$ 3 600
2. Jolana A. Gaffner, 0358, Clerk-Stenographer III.....	ZN75	2 700
3. Edward J. Smith, 0319, Examiner.....	ZN50	4 675
<i>Total, Accountancy Committee Revolving.....</i>		<u>\$10 975</u>

Indirect Costs — Admissions and Records

Account Number 40-10-13-000

1. Marjory Goodall, 6009, Clerk-Stenographer II.....	N	\$ 3 270
<i>Total, Indirect Costs — Admissions and Records.....</i>		<u>\$ 3 270</u>

Legal Counsel

Account Number 00-10-15-000

1. Audrey L. West, Clerk-Stenographer III.....	N	\$ 4 200
2. Warren H. Glockner, 5098, Assistant Legal Counsel II..	N	8 000
3. James E. Harmon, 7246, Assistant Legal Counsel II....	N	11 400
4. John J. Templin, 5195, Assistant Legal Counsel II.....	N	11 300
5. Earl L. Palmberg, 0403, Assistant Legal Counsel III....	N	12 450
6. Mary N. Fickel, 0404, Secretary — Stenographic.....	N	7 080
7. Adeline M. Wilson, 0405, Secretary — Stenographic.....	N	4 800
<i>Total, Legal Counsel.....</i>		<u>\$59 230</u>

Nonacademic Personnel**Central Office**

Account Number 00-10-16-000

1. Anabel C. Gilroy, 8568, Secretary — Stenographic.....	N	\$ 7 200
<i>Total, Nonacademic Personnel — Central Office.....</i>		<u>\$ 7 200</u>

Urbana Office

Account Number 00-10-17-000

1. Beryl L. Freund, 8904, Personnel Assistant I.....	N	\$ 3 120
2. Carolyn L. Spillman, 6664, Personnel Assistant II.....	N	3 840
3. Grace M. Gifford, 0370, Administrative Clerk.....	N	8 300
4. Doris K. Wylie, 0382, Chief Clerk.....	N	5 130
5. Patricia J. Fifer, 0381, Clerk-Typist II.....	N	2 940
6. Doris M. Jewell, 0378, Clerk-Typist II.....	N	3 600
7. Sharon J. Mitchell, 0383, Clerk-Typist II.....	N50	1 380
8. Elizabeth A. Neff, 0372, Clerk-Typist III.....	N	3 420
9. Virginia L. Stahl, 0384, Clerk-Typist III.....	N	4 260
10. Ruth E. Harris, 0366, Assistant Director of Nonacademic Personnel	N	12 000
11. Martha A. Boose, 0375, Visiting Nurse.....	N	4 500
12. Clifford R. Dammers, 8378, Labor Relations Officer.....	N	12 800
13. Jimmie D. Morelan, 7914, Personnel Officer I.....	N	7 400
14. William J. Hylbert, 0374, Placement Officer.....	N	8 300
15. Donald W. Swift, 0369, Placement Officer.....	N	8 300
<i>Total, Nonacademic Personnel — Urbana Office.....</i>		<u>\$89 290</u>

Stenographic Service

Account Number 09-10-17-978

1. Mary J. Buhman, Clerk II.....	N	\$ 2 700
2. Donna F. Stewart, 7484, Clerk II.....	N	3 240
3. Irene S. Lofton, 0397, Typing Clerk III.....	N	4 560
4. Phyllis D. Millsap, 7347, Clerk-Typist II.....	N	2 820
5. _____, 0394, Clerk-Typist II.....	N50	1 440
6. _____, 7373, Clerk-Typist II.....	N	2 520
7. Lois M. Brown, 0400, Clerk-Typist III.....	N	4 230
8. Linda S. Ashby, 0396, Duplicating Machine Operator I..	N	2 700
9. Harriett E. Hines, 0390, Duplicating Machine Operator II	N	3 600
10. _____, 0392, Duplicating Machine Operator II....	N	3 000
11. Robert G. Conklin, 8238, Duplicating Machine Operator III.....	N	4 980
12. Kenneth B. Cooley, 6475, Duplicating Machine Operator III.....	N	5 880
13. Allan E. Trinkle, 0388, Duplicating Machine Operator III	N	5 880
14. Esther C. Landin, 0387, Duplicating Service Supervisor..	N	8 300
15. Marilyn F. Cohen, 0398, Varitypist II.....	N	3 540
<i>Total, Stenographic Service.....</i>		<u>\$59 390</u>

Indirect Costs — Nonacademic Personnel

Account Number 40-10-17-000

1. Gwendolyn R. White, 0379, Clerk-Typist II.....	N	\$ 3 240
2. Bernard J. Williams, 6317, Personnel Officer I.....	N	8 300
3. Irene K. Dorsey, 8406, Placement Officer.....	N	6 000
<i>Total, Indirect Costs — Nonacademic Personnel.....</i>		<u>\$17 540</u>

Public Information

Account Number 00-10-18-000

1. Wanda K. Revell, 1749, Clerk-Typist II.....	N	\$ 3 360
2. Judith A. Torbeck, 7195, Clerk-Typist II.....	N	3 600
3. Richard A. Van de Ven, 7171, Assistant Director of Public Information	N	7 200
4. A. R. Wildhagen, 1745, Assistant Director of Public Information.....	N	10 000
5. Helen H. Ogata, 1748, Secretary — Stenographic.....	N	6 480
6. Nancy Cabbage, 8137, Editorial Writer.....	N	4 980
7. Ruth E. Weinard, 1750, Editorial Writer.....	N	5 130
<i>Total, Public Information.....</i>		<u>\$40 750</u>

Photography Service

Account Number 09-10-18-962

1. Glenna D. Walden, 8678, Clerk I.....	H50	\$ 1 440
2. _____, 1741, Clerk II.....	N	3 300
3. _____, 8353, Typing Clerk I.....	N	2 400
4. Sharon Early, 1742, Clerk-Typist I.....	N	3 120
5. James L. Tarr, 1734, Manager of Photographic Laboratory	N	9 400
6. Robert V. Campbell, 1736, Assistant Manager of Photographic Laboratory	N	6 900
7. Rembert T. Gladin, 8857, Assistant Manager of Photographic Laboratory	N	6 720
8. Charles S. Lane, 1740, Assistant Manager of Photographic Laboratory.....	N	6 150
9. Ben R. Jeffords, 7461, Photographer I.....	N	4 230
10. Olive E. Mason, 1737, Photographer I.....	N	4 080
11. Charles A. Carrington, 1735, Photographer II.....	N	5 670
12. Vernon D. Turpin, 1738, Photographer II.....	N	5 190
13. _____, 7340, Photographer II.....	N	4 200
14. Marvin E. Saldeen, 1743, Photographic Technician I.....	N	3 240
15. _____, Photographic Technician I.....	N	2 700
16. Billy L. Prather, 7167, Photographic Technician II.....	N	3 840

17. —————, 8474, Photographic Technician II.....	N	3 420
18. —————, 7759, Photographic Technician II.....	N	3 360
<i>Total, Photography Service.....</i>		<u>\$79 360</u>

Dean of Students**General****Account Number 00-10-20-000**

1. Juanita L. Harrison, 6096, Personnel Assistant I.....	N	\$ 3 420
2. Cherie D. Lenz, 0411, Chief Clerk.....	N	4 950
3. Twila C. Freeman, 0407, Clerk-Stenographer II.....	N	3 720
4. Roma Jean Dissman, 0409, Clerk-Stenographer III.....	N	3 780
5. Margaret A. Murphy, 6110, Clerk-Stenographer III.....	N	3 870
6. Nancee J. Webb, 9112, Clerk-Typist I.....	N	2 520
7. India Mathis, 0410, Placement Officer.....	N	7 280
8. Joan I. Haynes, 0408, Secretary — Stenographic.....	N	4 650
9. Hazel A. Yates, 0406, Administrative Secretary — Stenographic.....	N	8 850
<i>Total, Dean of Students — General.....</i>		<u>\$43 040</u>

Dean of Men**Account Number 00-10-21-000**

1. Evelyn J. Schluter, 0412, Clerk-Stenographer I.....	N	\$ 3 120
2. Joyce E. Polaski, 9298, Clerk-Stenographer II.....	N	3 000
3. Barbara J. Curry, 7157, Clerk-Stenographer III.....	N	3 720
4. Marilyn A. Smith, 7967, Clerk-Stenographer III.....	N	4 200
<i>Total, Dean of Men.....</i>		<u>\$14 040</u>

Dean of Women**Account Number 00-10-22-000**

1. Evelyn M. Buckley, 0422, Chief Clerk.....	N	\$ 4 680
2. Lillian E. Osborne, 2864, Residence Halls Clerk.....	G	1 980
(Nine months)		
3. M. Kay Childers, 8862, Clerk-Stenographer II.....	N	3 060
4. Dorothy M. Furlong, 7891, Clerk-Stenographer II.....	N	3 000
5. Ann M. Hatch, 6957, Clerk-Stenographer II.....	N	3 060
6. Virginia M. Bedesem, 0424, Clerk-Stenographer III.....	N	3 960
7. Linda J. McCormick, 0423, Clerk-Stenographer III.....	N	3 720
8. Sally K. Gamboa, 0421, Secretary — Stenographic.....	N	5 370
<i>Total, Dean of Women.....</i>		<u>\$28 830</u>

Housing Division**Account Number 00-10-24-000**

1. Ruth C. Heicke, 0478, Housing Administrator I.....	N	\$ 4 380
2. William R. McDonald, 8888, Housing Administrator I.....	N	4 200
3. Robert C. Ross, Jr., 0479, Housing Administrator I.....	N	4 680
4. Clara D. Fay, 0474, Housing Administrator II.....	N	8 200
5. Albert Kaufman, Jr., 0473, Housing Administrator III.....	N	7 600
6. —————, 0481, Clerk-Stenographer III.....	N	3 600
7. Edith A. Campbell, 0480, Clerk-Typist II.....	N	3 480
<i>Total, Housing Division.....</i>		<u>\$36 140</u>

Coordinating Placement Office**Account Number 00-10-26-000**

1. Katherine A. Balc, 6602, Typing Clerk III.....	N	\$ 4 050
2. Syble E. Henderson, 0482, Placement Officer.....	N	7 170
<i>Total, Coordinating Placement Office.....</i>		<u>\$11 220</u>

Security Office**Account Number 00-10-28-000**

1. Darlene C. Blair, 0490, Clerk II.....	N	\$ 3 000
2. Rosemary J. Renfrew, 7540, Typing Clerk II.....	N	2 850
3. Bertha J. Sunderman, 6679, Typing Clerk III.....	N	4 020
4. Frances W. Hoffman, 0488, Clerk-Stenographer II.....	N	3 780

5. Muriel S. Libby, 0487, Secretary — Stenographic.....	N	5 790
6. Paul D. Walker, 7079, Supervisor of Motor Vehicle Division.....	N	7 470
7. Russell W. Meeker, 8524, Assistant Supervisor of Motor Vehicle Division	N	4 860
8. Joseph E. Blaze, 0484, Security and Traffic Supervisor..	ZN50	5 820
(Total Salary)		(11 640)
Total, Security Office.....		\$37 590

Health Service**Account Number 00-10-30-000**

1. Roy W. Dart, 7132, Assistant to Director.....	N	\$ 6 900
2. Shirley F. Burton, 9172, Clerk I.....	N	2 640
3. David C. Gunn, 8485, Clerk II.....	N	3 360
4. Martha W. Manning, 8367, Clerk III.....	N	4 440
5. Mabel P. Shute, 0434, Chief Clerk.....	N	4 620
6. Annette B. Coorts, 5511, Typing Clerk II.....	N	3 150
7. Carol S. Falck, 5253, Typing Clerk II.....	N	2 910
8. Judith M. Rudicil, 6418, Clerk-Typist III.....	N	3 600
9. Anne H. Young, 5574, Typing Clerk III.....	N	3 840
10. Marguerite J. Morelan, 0433, Clerk-Stenographer III....	N	4 180
11. Carolyn E. Huseman, 0430, Clerk-Typist I.....	N	3 000
12. Iona R. Primmer, 0432, Clerk-Typist I.....	N	3 090
13. Janet L. Rosnett, 9327, Clerk-Typist I.....	N	2 820
14. Linda S. Whitney, 4978, Clerk-Typist I.....	N	2 700
15. Frances E. Davidson, 5575, Clerk-Typist II.....	N	2 910
16. Betty M. Ellis, 5458, Clerk-Typist II.....	N	3 600
17. Kathryn J. Hicks, 6580, Clerk-Typist II.....	N	3 540
18. Joyce J. Strait, 0429, Clerk-Typist II.....	N	3 330
19. Paula L. Hofer, 8686, Health Service Nurse.....	N	3 960
20. Mary E. Lively, 0439, Health Service Nurse.....	N	3 990
21. Ann R. Reynolds, 7610, Health Service Nurse.....	N	4 230
22. Judith A. Schaffer, 6667, Health Service Nurse.....	N	3 990
23. Marjorie H. Perkins, 0437, Assistant Head Health Service Nurse.....	N	5 100
24. Helen A. Freeman, 0436, Supervising Nurse.....	N	5 820
25. Vannie L. Sheiry, 0426, Secretary — Stenographic.....	N	6 090
26. Beatrice M. Wright, 0431, Secretary — Transcribing.....	N	5 340
27. Wilda Herndon, 5497, Clinical Laboratory Technician....	N	4 530
28. W. T. Cogshall, 0441, Laboratory and X-Ray Technician	N	6 150
29. _____,		3 000
30. _____,		3 000
Total, Health Service.....		\$119 830

Auxiliary — McKinley Hospital**Account Number 18-10-31-720**

1. John W. Rice, 8279, Hospital Administrator.....	N	\$10 000
2. Ruth J. Austin, 8541, Nurses' Aide.....	H	2 772
3. Mary E. Cruzan, 8537, Nurses' Aide.....	N	2 640
4. Agnes B. Durham, 7551, Nurses' Aide.....	N	3 240
5. Paula E. Gebhardt, 8038, Nurses' Aide.....	N	2 640
6. Rosina M. George, 8510, Nurses' Aide.....	N	2 520
7. Mae N. Graham, 7329, Nurses' Aide.....	N	3 240
8. Rita M. Rice, 8490, Nurses' Aide.....	N	2 640
9. _____, 6424, Nurses' Aide.....	N	2 400
10. Sandra S. Blaze, 8538, Clerk I.....	N	2 820
11. Jennifer E. Cartwright, 8561, Clerk I.....	N75	1 890
12. Helen L. Mulholland, 9290, Clerk I.....	H	2 520
13. M. Beth McClung, 7325, Clerk-Typist I.....	N	3 120
14. _____, 7318, Clerk-Typist I.....	N	2 700
15. Becca S. Parks, 6749, Clerk-Typist III.....	N	3 720
16. Alice Armstrong, 0465, Second Cook.....	N	3 808
(Perquisites University — two meals)		

17. Eleanor G. Jackson, 0464, Second Cook.....	N	3 603
(Perquisites University — two meals)		
18. Ruth M. Siewert, 0463, Second Cook.....	N	4 008
(Perquisites University — two meals)		
19. Mildred K. Smock, 0466, Second Cook.....	N	3 494
(Perquisites University — two meals)		
20. Margaret A. Craig, 8667, Assistant Dietitian.....	N	4 800
21. Helen Patterson, 0443, Assistant Dietitian.....	H	4 562
22. Mary Ellen Breen, 0469, Kitchen Helper.....	N	3 508
(Perquisites University — two meals)		
23. Bertie Sitts, 0467, Kitchen Helper.....	N	2 995
(Perquisites University — two meals)		
24. Zora Swearingen, 0472, Kitchen Helper.....	N	3 318
(Perquisites University — two meals)		
25. Mary A. Warmbier, 0470, Kitchen Helper.....	N	3 288
(Perquisites University — two meals)		
26. ———, 0468, Kitchen Helper.....	N50	1 320
27. Robert Hopkins, 3047, Janitor.....	P	4 771
28. Jack D. Ludwig, 8820, Janitor.....	P	4 771
29. ———, 3046, Janitor.....	P	4 750
30. Eugene Kennedy, 7437, Kitchen Laborer.....	N	3 582
31. Charlotte Bossi, 8150, Medical Record Librarian.....	N	5 100
32. Mabel Carlisle, 7215, Maid.....	P	3 341
33. Cecil E. Swinehart, 0442, Business Manager of McKinley Hospital.....	N	7 200
34. Alma C. Hoag, 0445, Head Nurse.....	N	5 640
35. Eva Lavenhagen, 0448, Assistant Head Nurse.....	N	5 400
36. ———, 0477, Assistant Head Nurse.....	N	4 770
37. ———, 0461, Assistant Head Nurse.....	N	4 470
38. ———, 0446, Assistant Head Nurse.....	N	4 770
39. ———, 7801, Licensed Practical Nurse.....	N	2 700
40. Maryl A. Bednar, 5492, Staff Nurse.....	N40	1 728
41. Nancy C. Bonn, 0456, Staff Nurse.....	N	4 200
42. Elizabeth Bradbury, 0449, Staff Nurse.....	N50	2 190
43. Nabema G. Brewer, 5354, Staff Nurse.....	H40	1 585
44. Winifred K. Farmer, 0458, Staff Nurse.....	N	4 200
45. Joan P. Hussung, 0464, Staff Nurse.....	N	4 200
46. Anne F. Jenco, 0450, Staff Nurse.....	N	4 620
47. Georgia M. Kitzmiller, 0455, Staff Nurse.....	N	4 440
48. Alberta Kodras, 0459, Staff Nurse.....	N	4 020
49. Lorna M. McTaggart, 0460, Staff Nurse.....	H40	1 685
50. Grace E. Saunders, 0451, Staff Nurse.....	N	4 200
51. ———, 5386, Staff Nurse.....	H40	1 637
52. ———, 0453, Staff Nurse.....	N80	3 072
53. ———, 5492, Staff Nurse.....	N40	1 632
54. Oleda Smith, 0444, Supervising Nurse.....	N	6 600
55. Virginia Starwalt, 8239, Admitting Officer.....	N	4 440
56. C. Rose Barlow, 7932, Central Sterile Supply Technician.....	N	3 720
57. Diana L. Gapp, 8692, Medical X-Ray Technician I.....	H	4 176
58. James E. Coulter, 7992, Medical X-Ray Technician II.....	N	4 680
59. Helen S. Levine, 6011, Supervising Clinical Laboratory Technician.....	N	5 940
60. Dorothy Batterton, 8193, Medical Technologist I.....	N50	2 310
61. Joan E. Button, 7968, Staff Physical Therapist.....	N	5 400
Total, Auxiliary — McKinley Hospital.....		\$229 506

Provost's Office

Student Counseling Service

Account Number 00-10-34-000

1. Mary Alice Black, 0164, Personnel Assistant I.....	N	\$ 3 000
2. Janet L. Fites, 0163, Personnel Assistant I.....	N	2 820
3. Dorothy K. Frerichs, 8302, Personnel Assistant I.....	N50	1 620
4. Margrith G. Mistry, 0168, Personnel Assistant I.....	N50	1 650

5. Melba L. Morel, 0167, Personnel Assistant I.....	N	2 820
6. Jeanne A. Rickhoff, 0168, Personnel Assistant I.....	N50	1 560
7. Caroline M. Weiss, 8302, Personnel Assistant I.....	N50	1 500
8. —————, Personnel Assistant I.....	N	2 760
9. —————, 7245, Personnel Assistant I.....	N50	1 500
10. Lois E. Mattes, 6811, Personnel Assistant II.....	N	4 230
11. Patricia C. Peters, 0166, Personnel Assistant II.....	N	4 590
12. Lester M. Friend, 0162, Secretary — Stenographic.....	N	6 300
<i>Total, Student Counseling Service.....</i>		<u>\$34 350</u>

Office of Instructional Research

Account Number 00-10-39-000

1. Paula Samson, 9464, Clerk II.....	N	\$ 3 000
2. Joan M. Becker, 8855, Clerk-Stenographer III.....	N	3 840
3. Sue S. Cooper, Clerk-Stenographer II.....	N	3 720
<i>Total, Office of Instructional Research.....</i>		<u>\$10 560</u>

Bureau of Institutional Research

Account Number 00-10-40-000

1. John H. Fung, 0155, Accountant — Statistician.....	N	\$ 7 980
2. Shirley A. Poindexter, 5545, Statistical Clerk.....	N	4 200
3. Linda J. Miller, 0157, Typing Clerk II.....	N	2 820
4. Mary E. Riley, 8079, Typing Clerk II.....	N	2 820
5. Eileen L. Koenig, 0158, Clerk-Stenographer III.....	N	4 140
6. Brenda G. Jones, 9324, Clerk-Typist II.....	N	2 820
7. Mary E. Mahannah, 0160, Clerk-Typist III.....	N	3 720
<i>Total, Bureau of Institutional Research.....</i>		<u>\$28 500</u>

Statistical Service Unit

Account Number 00-10-41-000

1. John C. Mahaffey, 6745, Accountant III.....	N	\$ 9 500
2. James M. Bowen, 8600, Procedures and Systems Analyst..	N	8 800
3. Lois P. Engelman, 7946, Procedures and Systems Analyst	N	6 840
4. Charles R. Thomas, 8178, Procedures and Systems Analyst	N	9 600
5. —————, 8645, Procedures and Systems Analyst.....	N	7 800
6. William C. Becker, 8689, Distribution Clerk I.....	N	3 600
7. Buddy L. Hallowell, 9285, Inventory Clerk.....	N	3 720
8. Dorothy F. Hamilton, 6509, Clerk-Typist II.....	N	2 940
9. —————, 9318, Clerk-Typist II.....	N	2 820
10. Charles M. Oehmke, 0171, Assistant Director of Statistical Service Unit	N	10 600
11. Jeanette R. Steiner, 0364, Card Punch Operator I.....	N	2 820
12. Barbara L. Whitesell, 0188, Card Punch Operator I.....	N	2 700
13. Kathryn J. Bavery, 7165, Card Punch Operator II.....	N	3 060
14. Mary J. Denhart, 0185, Card Punch Operator II.....	N	3 600
15. Rosemary M. Shroyer, 0363, Card Punch Operator II....	N	3 390
16. Barbara E. Verneti, 0190, Card Punch Operator II.....	N	3 060
17. —————, 8700, Card Punch Operator II.....	N	3 180
18. —————, 0181, Card Punch Operator II.....	N	3 000
19. —————, Card Punch Operator II.....	N	3 300
20. —————, Card Punch Operator II.....	N	3 000
21. —————, 6044, Card Punch Operator III.....	N	4 380
22. John T. Emmett, Jr., 0187, Tabulating Machine Operator I	N	3 300
23. Karen A. Kruze, 0180, Tabulating Machine Operator I....	N	3 420
24. Glenn R. Rees, 0189, Tabulating Machine Operator I....	N	3 300
25. —————, 7782, Tabulating Machine Operator I.....	N	3 510
26. Billy R. Austin, 7781, Tabulating Machine Operator II....	N	4 080
27. John R. Garlits, 8709, Tabulating Machine Operator II....	N	5 010
28. James H. Heath, 8530, Tabulating Machine Operator II..	N	4 320
29. Otto F. Manis, 8779, Tabulating Machine Operator II....	N	4 320
30. Peter W. Rademacher, 7780, Tabulating Machine Operator II.....	N	3 990

31. Arleen M. Windler, 7271, Tabulating Machine Operator II	N	3 990
32. William E. Evans, 8306, Tabulating Machine Operator III	N	6 120
33. Robert E. Haenny, 0182, Tabulating Machine Operator III	N	5 400
34. Clarence E. Haubner, 7310, Tabulating Machine Operator III	N	4 590
35. Robert D. Mackey, 0176, Tabulating Machine Operator III	N	5 280
36. Edward G. Snow, 7472, Tabulating Machine Operator III	N	6 600
37. Carl S. Utley, Jr., 7854, Tabulating Machine Operator III	N	(6 180)
38. _____, Tabulating Machine Operator III	N	(4 500)
39. _____, 0178, Tabulating Machine Operator III	N	5 520
40. Pinaki R. Das, 9454, Computer Programmer I	N	5 550
41. _____, Computer Programmer I	N	5 400
42. _____, Computer Programmer I	N	5 400
43. _____, Computer Programmer I	N	5 400
44. _____, Computer Programmer I	N	5 400
45. Joyce F. Detert, 0174, Secretary — Stenographic	N	4 830
46. Ralph H. Heicke, 0172, Tabulating Machine Supervisor	N	8 860
47. Mildred L. Dust, 0175, Assistant Tabulating Machine Supervisor	N	7 020
48. John H. Kroener, 0177, Assistant Tabulating Machine Supervisor	N	6 120
49. Raymond J. McCabe, 6824, Assistant Tabulating Machine Supervisor	N	6 720
50. Richard G. Waldbillig, 0173, Assistant Tabulating Machine Supervisor	N	7 800
Total, Statistical Service Unit		\$242 960

TABULATING SERVICE

Account Number 09-10-41-982

1. Barbara A. Bouseman, 9441, Card Punch Operator I	N80	\$ 2 550
2. Linda M. Divan, 8736, Card Punch Operator I	N	2 700
3. Loretta L. Manuel, 8677, Card Punch Operator I	N	2 880
4. Judith K. Myles, 8577, Card Punch Operator I	N	2 880
5. Marcia B. Roeder, 9440, Card Punch Operator I	N80	2 610
6. Virginia P. Treasure, 8632, Card Punch Operator I	N	2 700
7. _____, 7579, Card Punch Operator I	N	2 700
8. Mary L. Brashear, 9450, Card Punch Operator II	N	3 000
9. Daniel M. Buck, Tabulating Machine Operator I	N	4 200
10. Doyle D. Woodard, 8824, Tabulating Machine Operator I	N	3 720
Total, Tabulating Service		\$29 940

INDIRECT COSTS — STATISTICAL SERVICE UNIT

Account Number 40-10-41-000

1. Victor A. Abell, 8637, Procedures and Systems Analyst	N	\$ 7 410
2. Virginia L. Conway, 9438, Card Punch Operator II	N	3 780
3. Robert W. Yackel, 9455, Digital Computer Operator II	N	4 950
4. _____, Digital Computer Operator II	N	4 800
5. John A. Pustaver, Jr., 8282, Computer Programmer I	N	5 580
6. _____, Tabulating Machine Operator III	N	6 000
7. _____, Computer Programmer I	N	5 400
8. _____, Computer Programmer I	N	5 400
9. George W. Dodson, 5490, Assistant Tabulating Machine Supervisor	N	6 210
10. Glenn G. Rosbrook, 7537, Assistant Tabulating Machine Supervisor	N	7 440
Total, Indirect Costs — Statistical Service Unit		\$56 970

Committee on Student English

Account Number 00-10-42-000

1. Bobbie A. Brady, 7217, Clerk-Typist II	N	\$ 3 120
2. Luanne K. Wright, 0492, Clerk-Typist III	N	3 960
Total, Committee on Student English		\$ 7 080

Central Office on the Use of Space

Account Number 00-10-44-000

1. Gilbert D. Schleef, Space Analyst I.....	N	\$ 5 370
2. John Scouffas, 8548, Assistant to Director.....	N	6 360
3. Roberta K. Goble, 7520, Clerk-Stenographer I.....	N	3 000
4. Sandra L. Bradley, 8317, Clerk-Stenographer II.....	N	3 600
5. Nancy Lee Drenkhahn, 8844, Clerk-Stenographer II.....	N	3 420
6. Hannah M. Ripley, 7492, Clerk-Stenographer III.....	N	4 320
<i>Total, Central Office on the Use of Space.....</i>		<u>\$26 070</u>

Instructional Television

Account Number 00-10-45-100

1. _____, 1678, Broadcasting Program Assistant.....	N50	\$ 2 400
2. Sandra L. Bechtel, 7859, Clerk-Stenographer II.....	N	3 810
3. Stanton W. Saltzman, 7947, Television Director-Producer.....	N	7 900
4. Stevan Borleff, 1683, Broadcasting Engineer.....	ZP30	1 722
(Total Salary)		(5 742)
5. Larry J. Inman, 1689, Broadcasting Engineer.....	ZP30	1 722
(Total Salary)		(5 742)
6. Johnny F. Wahlfeldt, 7533, Assistant Chief Broadcasting Engineer	ZN30	2 670
(Total Salary)		(8 910)
<i>Total, Instructional Television.....</i>		<u>\$20 224</u>

Cooperative Investigations

U.S. OFFICE OF EDUCATION 7-11-107.00

Account Number 46-10-45-364

1. Margaret D. Lawhorn, 8144, Clerk-Stenographer III.....	ZN53	\$ 1 980
(Total Salary)		(3 720)
<i>Total, U.S. Office of Education 7-11-107.00.....</i>		<u>\$ 1 980</u>

University Honors Programs

Account Number 00-10-48-000

1. Joyce C. Hodges, 8830, Statistical Clerk.....	N	\$ 3 930
2. Barbara M. Johnson, 7777, Clerk-Stenographer III.....	N	4 200
3. _____, Clerk-Stenographer III.....	N	4 200
4. Joyce E. Linn, 9399, Clerk-Typist III.....	N	3 960
<i>Total, University Honors Programs.....</i>		<u>\$16 290</u>

Alumni Relations and Records

Account Number 00-10-50-000

1. Joyce A. Doyle, 6692, Clerk I.....	N	\$ 2 490
2. Joyce A. Linenfelser, 1759, Clerk I.....	N	2 400
3. Carol S. Mehnert, 1752, Clerk I.....	N	2 400
4. Lovetta Arnold, 1754, Clerk II.....	N	3 330
5. Kathryn L. Van Cleave, 1761, Clerk II.....	N	3 420
6. Barbara Christensen, 1753, Clerk III.....	N	3 810
7. Hazel G. Canfield, 1762, Accounting Clerk I.....	N	4 110
8. Clotilde H. Sion, 9484, Chief Clerk.....	N	4 800
9. Judith A. Johnson, 1758, Clerk-Stenographer I.....	N	2 760
10. Janet Pyle, 1757, Clerk-Stenographer III.....	N	3 870
11. Margie J. Wyse, 1751, Clerk-Stenographer III.....	N	3 600
12. Louise A. Boucher, 1760, Clerk-Typist II.....	N	2 490
<i>Total, Alumni Relations and Records.....</i>		<u>\$39 480</u>

Committee on Robert Allerton Park

Account Number 00-10-67-400

1. Anita G. Beyer, 8772, Clerk-Stenographer II.....	N50	\$ 1 650
<i>Total, Committee on Robert Allerton Park.....</i>		<u>\$ 1 650</u>

Robert Allerton Park

Account Number 44-10-67-401

1. Buckner Carnder, 1766, Park Attendant.....	N	\$ 5 340
2. Enfer E. Evans, 1765, Park Attendant.....	N	5 340
3. Ervin W. Ison, 1768, Park Attendant.....	N	5 340
4. James G. Rogers, 1767, Park Attendant.....	N	5 340
5. Evelyn K. McIntyre, 5231, Clerk I.....	N50	1 650
6. Myrlin F. Buckingham, 1763, Park Foreman.....	N	5 940
(Perquisites University — housing)		
7. Gerald J. Sites, 5955, Maintenance Worker.....	N	5 820
<i>Total, Robert Allerton Park.....</i>		<u>\$34 770</u>

Comptroller's Office**Safety Coordinator**

Account Number 00-10-69-000

1. Marina A. McGraw, 7223, Clerk-Stenographer III.....	N	\$ 3 690
2. John Morris, 7410, Safety Coordinator.....	N	11 400
3. Robert G. Jessup, 9257, Fire Inspection Officer.....	N	6 180
<i>Total, Safety Coordinator.....</i>		<u>\$21 270</u>

INDIRECT COSTS — WORKMEN'S COMPENSATION — SAFETY COORDINATOR

Account Number 40-10-69-000

1. Charles B. Wingstrom, 7394, Safety Inspector.....	N	\$ 9 240
2. John C. Martin, 9383, Field Safety Officer.....	N	8 400
<i>Total, Indirect Costs — Workmen's Compensation — Safety Coordinator</i>		<u>\$17 640</u>

Accident Compensation

Account Number 00-10-94-000

1. Max N. Pike, 5451, Supervisor of Accident Compensation N	\$ 8 300
<i>Total, Accident Compensation.....</i>	<u>\$ 8 300</u>

Indirect Costs — Workmen's Compensation

Account Number 40-10-94-001

1. Alfreda G. Mitchell, 5933, Clerk-Stenographer II.....	N	\$ 3 960
<i>Total, Indirect Costs — Workmen's Compensation.....</i>		<u>\$ 3 960</u>

COLLEGE OF AGRICULTURE**Administration****College**

Account Number 00-15-01-100

1. D. A. Gillespie, 5586, Division Chief Accountant.....	N	\$12 600
2. Beverly G. Allen, 0909, Clerk-Typist II.....	N	2 940
3. Eleanore M. Mendel, 1204, Clerk-Typist II.....	N	3 540
4. Doris J. Lamb, 6286, Clerk-Typist III.....	N	3 900
5. Ruth E. Mueller, 0911, Clerk-Typist III.....	N	3 780
6. Mary Svetez, 0905, Secretary — Stenographic.....	N	6 660
7. Neva B. Millard, 0901, Administrative Secretary — Steno- graphic	N	9 000
<i>Total, Administration (College).....</i>		<u>\$42 420</u>

Station

Account Number 00-15-01-300

1. Lee E. Fisher, 6421, Accountant I.....	N	\$ 6 000
2. Robert E. Sullivan, 5912, Accountant II.....	N	8 580
3. Elinor A. Corley, 0912, Clerk III.....	N	4 800
4. Mabel I. O'Neill, 0902, Chief Clerk.....	N	6 840
5. Eunice M. Mayhood, 7903, Payroll Clerk III.....	N	4 680
6. Janice M. Koester, 0907, Clerk-Stenographer III.....	N	3 960
7. _____, 0910, Clerk-Typist II.....	N	2 940

8. Arthur F. Robbins, 5584, Glass Blower II.....	ZN55	5 340
(Total Salary)		(9 600)
9. Eugene E. Lowry, 0903, Office Supervisor.....	N	6 600
<i>Total, Administration (Station).....</i>		<u>\$49 740</u>

Extension**Account Number 00-15-01-400**

1. Colcene H. Turner, 9447, Accountant I.....	N	\$ 5 010
2. ———, 7669, Accountant I.....	N	5 040
3. ———, 7581, Commercial Artist I.....	N	4 320
4. Sarah Hollingsworth, 1201, Clerk II.....	N	3 300
5. Dorothy M. Conover, 1194, Clerk III.....	N	3 840
6. Dorothy K. Waller, 1192, Clerk III.....	N	4 800
7. ———, 6373, Accounting Clerk I.....	N	3 870
8. Elizabeth Brown, 1207, Chief Clerk.....	N	6 390
9. Connie M. Myers, 1211, Typing Clerk I.....	N	3 300
10. Mildred E. Parks, 1209, Typing Clerk II.....	N	2 880
11. John G. Duffin, 1216, Typing Clerk III.....	N	3 420
12. Geraldine M. Baker, 1215, Clerk-Stenographer II.....	N	4 200
13. Lou Ann Bergman, 7529, Clerk-Stenographer II.....	N	3 300
14. Alberta L. Newlin, 1212, Clerk-Stenographer III.....	N	3 960
15. Kay F. Butler, 1208, Clerk-Typist II.....	N	2 820
16. Willa J. Cockerham, 1217, Clerk-Typist II.....	N	3 270
17. Sandra K. Devries, 5916, Clerk-Typist II.....	N	3 120
18. R. Doris Fruhling, 1198, Clerk-Typist II.....	N	3 300
19. Marjorie S. Hicks, 9349, Clerk-Typist II.....	N	3 000
20. Sandra J. Marchiando, 1191, Clerk-Typist II.....	N	2 880
21. Mary E. Turner, 1200, Clerk-Typist II.....	N	3 600
22. Judith P. Eskew, 1193, Clerk-Typist III.....	N	3 660
23. Patricia Meyers, 1197, Junior Illustrator.....	N	4 620
24. Richard L. Kesterson, 1213, Duplicating Machine Operator I.....	N	2 700
25. James E. Keller, 1224, Duplicating Machine Operator II..	N	3 300
26. ———, 1226, Duplicating Machine Operator II.....	N	3 660
27. Carl N. Empson, 1221, Duplicating Machine Operator III	N	5 880
28. ———, 6777, Duplicating Machine Operator III....	N	4 200
29. Mary M. Ellis, 1225, Office Appliance Operator I.....	N75	2 160
30. ———, 1222, Office Appliance Operator II.....	N	3 480
31. L. Katherine Darland, 1190, Secretary — Stenographic....	N	6 390
32. Helen Z. Fry, 8643, Secretary — Stenographic.....	N	5 100
33. Charles H. Metzel, Jr., 7808, Storekeeper I.....	N	4 440
34. Ronald J. Smith, 1220, Storekeeper II.....	N	5 520
35. Marion F. Berry, 1188, Office Supervisor.....	N	7 800
<i>Total, Administration (Extension).....</i>		<u>\$142 530</u>

Agricultural Mimeographing Service**Account Number 09-15-01-902**

1. Charles M. Dexter, 7302, Clerk I.....	N50	\$ 1 420
2. Edna M. Gordon, 7057, Clerk I.....	N	2 520
3. Rita J. Hubbartt, 6315, Clerk I.....	N	2 700
4. Shirley J. Ingold, 9187, Clerk I.....	H	2 819
5. James W. Isenhower, 7455, Clerk I.....	N	2 700
6. Delia B. Lara, 8487, Typing Clerk II.....	N	2 640
7. Rene Lara, 6141, Duplicating Machine Operator II.....	N75	2 460
8. Deloras G. Anders, 6820, Office Appliance Operator I....	N	2 520
<i>Total, Agricultural Mimeographing Service.....</i>		<u>\$19 779</u>

Glass Blowing Service**Account Number 09-15-01-932**

1. Arthur F. Robbins, 5584, Glass Blower II.....	ZN45	\$ 4 260
<i>Total, Glass Blowing Service.....</i>		<u>\$ 4 260</u>

Agricultural Departmental Revolving

Account Number 12-15-01-316

1. Delmar L. Hillman, 6318, Clerk III.....	N	\$ 4 740
2. Larry Lee King, 7884, Clerk III.....	N	4 020
3. Barbara J. Baldwin, 7494, Clerk-Typist II.....	ZN65	2 340
(Total Salary)		(3 600)
4. ———, 6984, Office Appliance Operator I.....	N50	1 350
<i>Total, Agricultural Departmental Revolving.....</i>		<u>\$12 450</u>

Agricultural Sales Revolving

Account Number 12-15-01-378

1. Roy F. Michael, 1032, Storekeeper III.....	N	\$ 5 880
<i>Total, Agricultural Sales Revolving.....</i>		<u>\$ 5 880</u>

Hatch — Administration — General Administration of Federal Funds

Account Number 21-15-01-301

1. Donald L. Filkin, 1187, Clerk II.....	N	\$ 2 580
<i>Total, Hatch — Administration — General Administration of Federal Funds.....</i>		<u>\$ 2 580</u>

Cooperative Investigations

VARIOUS DONORS — URBAN 4-H CLUB WORK

Account Number 44-15-01-488

1. Rose Mary Benes, 7397, Clerk-Stenographer III.....	N	\$ 4 500
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U.S. INTERNATIONAL COOPERATION ADMINISTRATION —

FOREIGN VISITORS

Account Number 46-15-01-128

1. Marcia M. Herndon, 7957, Clerk-Typist III.....	ZN50	\$ 1 890
(Total Salary)		(3 780)

Agricultural Economics**College**

Account Number 00-15-05-100

1. Wanda K. Hallendorff, 0947, Clerk-Stenographer III.....	N	\$ 3 600
<i>Total, Agricultural Economics (College).....</i>		<u>\$ 3 600</u>

Station

Account Number 00-15-05-100

1. Norma M. Bialeschki, 0946, Clerk II.....	ZN54	\$ 1 830
(Total Salary)		(3 060)
2. Katherine S. Dilcher, 5059, Clerk II.....	ZN40	1 110
(Total Salary)		(2 760)
3. Mary Margaret Graham, 0945, Clerk III.....	N	4 320
4. Frances C. Frick, 6983, Chief Clerk.....	N	4 740
5. Thelma S. O'Neil, 0944, Chief Clerk.....	N	6 660
6. Donna S. Bradley, 0951, Clerk-Stenographer I.....	N	2 940
7. Shirley K. Janes, 0960, Clerk-Stenographer I.....	N50	1 470
8. Donetta S. Allen, 0948, Clerk-Stenographer II.....	N	3 120
9. Norma E. Hubbell, 9339, Clerk-Stenographer III.....	N	4 320
10. Grace A. Asik, 0950, Office Appliance Operator I.....	N	2 880
11. Maxine L. Fornof, 0966, Office Appliance Operator II.....	ZN20	600
(Total Salary)		(3 000)
12. Mary J. Whitman, 5366, Office Appliance Operator II.....	ZN31	930
(Total Salary)		(3 000)
13. Ruth Gorrell, 0940, Secretary — Stenographic.....	N	6 660
14. Jean D. Rodgers, 0953, Statistician I.....	ZN39	1 605
(Total Salary)		(4 140)
<i>Total, Agricultural Economics (Station).....</i>		<u>\$43 185</u>

Farm Management Service

Account Number 09-15-05-926

1. Norma M. Bialeschki, 0946, Clerk II.....	ZN36	\$ 1 230
2. Teena M. Forsythe, 0236, Clerk II.....	ZN50	1 260
(Total Salary)		(2 520)
<i>Total, Farm Management Service.....</i>		<u>\$ 2 490</u>

Farm Accounting Revolving

Account Number 12-15-05-326

1. _____, 0967, Office Appliance Operator I.....	N	\$ 2 400
2. _____, 0965, Office Appliance Operator I.....	N	2 880
3. Ruth A. Hunt, 0964, Office Appliance Operator II.....	N	3 240
<i>Total, Farm Accounting Revolving.....</i>		<u>\$ 8 520</u>

Hatch — Economics — Farm Accounting Investigation

Account Number 21-15-05-301

1. Mary J. Whitman, 5366, Office Appliance Operator II.....	ZN69	\$ 2 070
<i>Total, Hatch — Economics — Farm Accounting Investi- gation</i>		<u>\$ 2 070</u>

Hatch — Economics — Land Use Crop Utilization

Account Number 21-15-05-304

1. Dianne M. Efsic, 3050, Clerk II.....	N	\$ 2 700
<i>Total, Hatch — Economics — Land Use Crop Utilization</i>		<u>\$ 2 700</u>

**Hatch — Economics — Vegetable Crop Production
in Northeastern Illinois**

Account Number 21-15-05-320

1. Claudine C. Armes, 0962, Office Appliance Operator II....	N	\$ 3 000
<i>Total, Hatch — Economics — Vegetable Crop Production in Northeastern Illinois.....</i>		<u>\$ 3 000</u>

**Hatch — Economics — Adjustments in Livestock Marketing
in North Central States to Changing Patterns of Production
and Consumption NCM25**

Account Number 21-15-05-342

1. Tonya A. Shoemaker, 9448, Statistician I.....	N	\$ 3 900
<i>Total, Hatch — Economics — Adjustments in Livestock Marketing in North Central States to Changing Pat- terns of Production and Consumption NCM25.....</i>		<u>\$ 3 900</u>

Hatch — Economics — Expanding Milk Markets

Account Number 21-15-05-343

1. Jean L. Maffet, 6614, Clerk-Typist II.....	N75	\$ 2 205
<i>Total, Hatch — Economics — Expanding Milk Markets..</i>		<u>\$ 2 205</u>

Hatch — Economics — Apple Varietal Production

Account Number 21-15-05-347

1. Mary A. Buncher, 7651, Clerk-Typist II.....	ZN50	\$ 1 410
(Total Salary)		(2 820)
2. Maxine L. Fornof, 0966, Office Appliance Operator II.....	ZN30	900
<i>Total, Hatch — Economics — Apple Varietal Production</i>		<u>\$ 2 310</u>

**Hatch — Economics — Distributing Commercial Feed
in Illinois**

Account Number 21-15-05-353

1. Janet E. Safford, 9437, Clerk-Typist III.....	N	\$ 3 540
<i>Total, Hatch — Economics — Distributing Commercial Feed in Illinois.....</i>		<u>\$ 3 540</u>

Hatch — Economics — Egg Marketing

Account Number 21-15-05-361

1. _____, 0958, Clerk-Stenographer II.....	N	\$ 3 000
<i>Total, Hatch — Economics — Egg Marketing.....</i>		<u>\$ 3 000</u>

Hatch — Economics — Cooperative Livestock Marketing in Illinois

Account Number 21-15-05-369

1. _____, 8691, Clerk-Typist II.....	N	\$ 2 700
<i>Total, Hatch — Economics — Cooperative Livestock Marketing in Illinois.....</i>		<u>\$ 2 700</u>

Hatch — Economics — Analysis of Farm Price and Income

Account Number 21-15-05-381

1. Jean D. Rodgers, 0953, Statistician I.....	ZN61	\$ 2 535
<i>Total, Hatch — Economics — Analysis of Farm Price and Income.....</i>		<u>\$ 2 535</u>

Hatch — Economics — Measuring Farm Products Demand

Account Number 21-15-05-383

1. Deanna K. Spencer, 0954, Clerk-Typist III.....	N	\$ 4 360
<i>Total, Hatch — Economics — Measuring Farm Products Demand.....</i>		<u>\$ 4 360</u>

Regional Research Fund — Economics — Farm Land Project Regional Research NC53

Account Number 23-15-05-339

1. Maxine L. Fornof, 0966, Office Appliance Operator II....	ZN50	\$ 1 500
<i>Total, Regional Research Fund — Economics — Farm Land Project Regional Research NC53.....</i>		<u>\$ 1 500</u>

Regional Research Fund — Economics — Adjustments in Livestock Marketing

Account Number 23-15-05-342

1. Mary A. Buncher, 7651, Clerk-Typist II.....	ZN50	\$ 1 410
<i>Total, Regional Research Fund — Economics — Adjustments in Livestock Marketing.....</i>		<u>\$ 1 410</u>

Regional Research Fund — Economics — Disbursement of Trust Funds NCM26

Account Number 23-15-05-344

1. Vivian M. Ytterhus, 5592, Typing Clerk III.....	N	\$ 3 480
<i>Total, Regional Research Fund — Economics — Disbursement of Trust Funds NCM26.....</i>		<u>\$ 3 480</u>

Regional Research Fund — Economics — Changes in Dairy Marketing NCM2

Account Number 23-15-05-345

1. Katherine S. Dilcher, 5059, Clerk II.....	ZN60	\$ 1 650
<i>Total, Regional Research Fund — Economics — Changes in Dairy Marketing NCM2.....</i>		<u>\$ 1 650</u>

Regional Research Fund — Economics — Grain Market Institutions and the Structure of Grain Markets NCM30

Account Number 23-15-05-354

1. Edith J. Karlowich, 9167, Clerk II.....	N	\$ 2 640
<i>Total, Regional Research Fund — Economics — Grain Market Institutions and the Structure of Grain Markets NCM30.....</i>		<u>\$ 2 640</u>

**Smith-Lever — Agricultural Extension Economics —
Community and Public Affairs**

Account Number 36-15-05-407

1. Marilyn M. Saathoff, 8484, Clerk-Typist II.....	H	\$ 2 819
<i>Total, Smith-Lever — Agricultural Extension Economics — Community and Public Affairs.....</i>		<u>\$ 2 819</u>

Agricultural Engineering
College

Account Number 00-15-10-100

1. Marjorie G. Freebairn, 0969, Clerk III.....	N	\$ 4 620
2. H. W. Hempler, 0973, Senior Laboratory Mechanic.....	N	7 212
<i>Total, Agricultural Engineering (College).....</i>		<u>\$11 832</u>

Station

Account Number 00-15-10-300

1. Henry S. Creech, 7737, Accountant I.....	N	\$ 5 700
2. Arthur L. Carlson, 0974, Senior Laboratory Attendant.....	N	5 640
3. Barbara J. Baldwin, 7494, Clerk-Typist II.....	ZN35	1 260
(Total Salary)		(3 600)
4. _____, 7243, Clerk-Typist II.....	N50	1 800
5. Georgianna Noel, 0970, Clerk-Typist III.....	N	4 620
6. John W. Oare, 8681, Engineering Draftsman I.....	N	5 040
7. Kenneth R. Umbarger, 6835, Fieldman.....	N	5 700
8. Howard A. Clennon, 8070, Farm Mechanic.....	N	4 980
9. James R. Johnstone, 7111, Junior Laboratory Mechanic....	ZN10	627
(Total Salary)		(6 266)
10. Roy W. Brockett, 0976, Senior Laboratory Mechanic.....	N	7 212
<i>Total, Agricultural Engineering (Station).....</i>		<u>\$42 579</u>

Hatch — Engineering — Automation Feeding of Dairy Cattle

Account Number 21-15-10-373

1. James R. Johnstone, 7111, Junior Laboratory Mechanic....	ZN50	\$ 3 133
<i>Total, Hatch — Engineering — Automation Feeding of Dairy Cattle</i>		<u>\$ 3 133</u>

Hatch — Engineering — Efficiency in Farm Buildings

Account Number 21-15-10-374

1. James R. Johnstone, 7111, Junior Laboratory Mechanic....	ZN40	\$ 2 506
<i>Total, Hatch — Engineering — Efficiency in Farm Build- ings.....</i>		<u>\$ 2 506</u>

Cooperative Investigations

VARIOUS DONORS — EXTENSION OF RURAL ELECTRIFICATION

Account Number 44-15-01-486

1. Shirley H. Hulse, Clerk-Typist II.....	N	\$ 2 880
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STATE OF ILLINOIS DIVISION OF HIGHWAYS — DRAINAGE

LAWS AND PRACTICES

Account Number 47-15-10-317

1. Joann L. Bier, 7991, Clerk-Typist II.....	ZN75	\$ 2 610
(Total Salary)		(3 480)

STATE OF ILLINOIS DIVISION OF HIGHWAYS — ROADSIDE COVER

Account Number 47-15-10-374

1. Joann L. Bier, 7991, Clerk-Typist II.....	ZN25	\$ 870
2. Patsy K. Marcacci, 0972, Clerk-Typist II.....	N	3 000
3. _____, 7685, Junior Laboratory Mechanic.....	N	5 580
<i>Total, State of Illinois Division of Highways — Roadside Cover.....</i>		<u>\$ 9 450</u>

Agronomy**College**

Account Number 00-15-15-100

1. Virginia R. Patton, 0981, Clerk III.....	N	\$ 3 660
2. Susie G. Webster, 0984, Clerk-Typist II.....	N	3 600
3. Cecele E. Schlarmann, 0979, Office Supervisor.....	N	6 960
<i>Total, Agronomy (College).....</i>		<u>\$14 220</u>

Station

Account Number 00-15-15-300

1. John M. Parker, 7639, Scientific Analyst.....	N	\$ 4 980
2. Francis P. Conerty, 0995, Junior Laboratory Attendant....	N	4 680
3. Albert H. Hatchett, 0992, Junior Laboratory Attendant....	N	4 680
4. Clarence W. Hayden, 6690, Junior Laboratory Attendant..	ZN19	817
(Total Salary)		(1 725)
5. Frank A. Bensley, 0994, Senior Laboratory Attendant....	N	5 280
6. Nelle G. Pieper, 0982, Clerk II.....	N	3 570
7. Elvera Keen, 7890, Clerk III.....	N	4 500
8. Lulu B. Meyers, 0980, Chief Clerk.....	N	6 960
9. Norma J. Templin, 6616, Chief Clerk.....	N25	1 410
10. _____, 6616, Chief Clerk.....	N75	4 050
11. Louise E. Glassman, 7025, Statistical Clerk.....	N	3 300
12. Sharon A. Huck, 7024, Statistical Clerk.....	N	3 420
13. Barbara Wright, 0991, Typing Clerk II.....	ZN18	540
(Total Salary)		(3 000)
14. Marilyn G. Fitch, 0988, Clerk-Typist II.....	N	3 300
15. Rita M. Schmidt, 0986, Clerk-Typist II.....	N	2 820
16. Virginia L. Strainis, 0983, Clerk-Typist II.....	N	3 000
17. Joyce A. Canaday, 0987, Clerk-Typist III.....	N	3 720
18. Ilona Sandorfi, 5307, Draftsman.....	ZN9	360
(Total Salary)		(4 140)
19. David R. Phillips, 7355, Cartographic Draftsman.....	N	5 220
20. Quentin A. Calder, 0997, Fieldman.....	N	5 700
(Perquisites University — housing)		
21. Elza R. Hawkins, Jr., 0998, Fieldman.....	N	5 700
22. Herbert M. Hayes, 1002, Fieldman.....	N	5 700
23. Archie R. Mahaffey, 1001, Fieldman.....	N	5 700
24. Joseph C. Mitsdarfer, 0999, Fieldman.....	N	5 700
25. Otis W. Pile, 1003, Fieldman.....	N	5 700
26. Queto J. Rennie, 1000, Fieldman.....	N	5 640
27. Richard R. Bell, 1004, Farm Foreman.....	N	5 940
(Perquisites University — housing)		
28. L. W. Clapp, 0996, Farm Foreman.....	N	6 225
29. Bob Hudson, 0388, Farm Foreman.....	N50	2 460
30. Charles Mahannah, Jr., 1006, Agricultural Gardener.....	N	5 700
31. Vivian M. Young, 0990, Office Appliance Operator II.....	N	3 420
32. Kenneth E. Williams, 7906, Crops Testing Technician.....	N	6 000
<i>Total, Agronomy (Station).....</i>		<u>\$136 192</u>

Corn Testing Revolving

Account Number 12-15-15-311

1. Gerald L. Ross, 6596, Crops Testing Technician.....	N	\$ 6 000
<i>Total, Corn Testing Revolving.....</i>		<u>\$ 6 000</u>

Hatch — Agronomy — Spectrographic Analysis of Soils and Plants for Minor Elements

Account Number 21-15-15-361

1. David C. Garrison, 9281, Junior Laboratory Attendant....	N	\$ 4 200
<i>Total, Hatch — Agronomy — Spectrographic Analysis of Soils and Plants for Minor Elements.....</i>		<u>\$ 4 200</u>

**Hatch — Agronomy — Characteristics and Distribution
of Selected Soils in Northwestern Illinois**

Account Number 21-15-15-362

1. Ilona Sandorfi, 5307, Draftsman.....	ZN91	\$ 3 780
<i>Total, Hatch — Agronomy — Characteristics and Distribution of Selected Soils in Northwestern Illinois....</i>		\$ 3 780

Hatch — Agronomy — Weed Control Studies

Account Number 21-15-15-364

1. Gordon H. Batchelder, 9337, Crops Testing Technician....	N	\$ 5 640
<i>Total, Hatch — Agronomy — Weed Control Studies....</i>		\$ 5 640

Hatch — Agronomy — Measurement Production Rate

Account Number 21-15-15-372

1. Barbara Wright, 0991, Typing Clerk II.....	ZN82	\$ 2 460
<i>Total, Hatch — Agronomy — Measurement Production Rate</i>		\$ 2 460

Hatch — Agronomy — Physics of Water

Account Number 21-15-15-381

1. Clarence W. Hayden, 6690, Junior Laboratory Attendant..	ZN20	\$ 908
<i>Total, Hatch — Agronomy — Physics of Water.....</i>		\$ 908

Cooperative Investigations
CORN INDUSTRIES FOUNDATION — HIGH OIL CORN

Account Number 44-15-15-313

1. Ralph C. Rodgers, Crops Testing Technician.....	N	\$ 4 980
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ILLINOIS SEED PRODUCERS — CORN

Account Number 44-15-15-346

1. Donald E. Cler, 6203, Fieldman.....	N	\$ 5 700
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U.S. ATOMIC ENERGY COMMISSION 790

Account Number 46-15-15-301

1. Joyce A. Granda, 6891, Junior Laboratory Attendant.....	N	\$ 3 960
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U.S. ATOMIC ENERGY COMMISSION 791

Account Number 46-15-15-302

1. Jeanne B. Bunning, 8024, Junior Laboratory Attendant....	N	\$ 4 200
2. Diana E. Cleron, 9478, Senior Laboratory Attendant.....	N	4 920
3. Donna J. Flesher, 6525, Senior Laboratory Attendant....	N62	3 553
<i>Total, U.S. Atomic Energy Commission 791.....</i>		\$12 673

U.S. NATIONAL SCIENCE FOUNDATION G16020

Account Number 46-15-15-361

1. Victor Gabriel, 8666, Junior Laboratory Attendant.....	N	\$ 4 200
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U.S. NATIONAL SCIENCE FOUNDATION G16082

Account Number 46-15-15-362

1. Max D. Sinkler, 7916, Junior Laboratory Attendant.....	N	\$ 3 960
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Animal Science
College

Account Number 00-15-20-100

1. C. L. Abercrombie, 7989, Accountant I.....	N	\$ 5 070
2. Mary A. Mayhood, 1017, Clerk-Stenographer II.....	N	3 300
3. Joanne I. Billman, 6095, Clerk-Stenographer III.....	ZN50	1 845
<i>(Total Salary)</i>		(3 690)
4. Harriet E. Ellis, 1022, Clerk-Typist II.....	N	3 300
5. James W. Butler, 1054, Fieldman.....	N	5 700
6. Wesley E. Schulthes, 1056, Fieldman.....	N	5 700
7. Maurice Key, 1023, Supervising Farm Foreman.....	N	6 840
<i>(Perquisites University — housing)</i>		
8. John B. Cogswell, 1026, Herdsman Foreman.....	N	6 480
<i>(Perquisites University — housing)</i>		

9. Ted R. Brittenham, 1046, Herdsman.....	N	5 700
10. Thorne L. Matteson, 1048, Herdsman.....	N	5 700
11. Lowell D. Toppe, 1045, Herdsman.....	N	5 700
12. Ervin L. Nordling, 1051, Poultryman.....	N	5 700
13. Linetta M. Parry, 1012, Secretary—Stenographic.....	N	6 420
<i>Total, Animal Science (College).....</i>		<u>\$67 455</u>

Station**Account Number 00-15-20-300**

1. Francis J. Dorsey, 1034, Junior Laboratory Attendant...	N	\$ 4 680
2. Charles H. Anders, 1038, Senior Laboratory Attendant..	N	5 640
3. William Casebeer, Jr., 1036, Senior Laboratory Attendant	ZN54	3 036
(Total Salary)		(5 640)
4. Clifford A. Drescher, 1037, Senior Laboratory Attendant	N	5 640
5. Raymond R. Marsh, 1035, Senior Laboratory Attendant..	N	5 640
6. Jasper Lewis, 1030, Butcher.....	ZN53	3 780
(Total Salary)		(7 080)
7. Paul E. Reynolds, 8192, Butcher.....	N	6 300
8. Darlene F. Huskey, 1019, Clerk-Stenographer I.....	N	2 820
9. Shirley M. Bear, 1016, Clerk-Stenographer II.....	N	3 120
10. Beulah V. Dodd, 1018, Clerk-Stenographer III.....	N	3 990
11. Normaleen S. Snedeker, 1020, Clerk-Typist II.....	N	3 030
12. Carol A. Zindars, 1021, Clerk-Typist II.....	N	3 600
13. Barbara L. Brantner, 5243, Clerk-Typist III.....	ZN53	1 845
(Total Salary)		(3 510)
14. Dean R. Carmien, 1055, Fieldman.....	N	5 700
15. Alva G. Potts, 1052, Fieldman.....	N	5 700
16. J. Paul Rayburn, 1044, Fieldman.....	N	5 880
17. Roy F. Block, 1024, Herdsman Foreman.....	N	6 480
18. John A. Gesell, 1027, Herdsman Foreman.....	N	6 480
19. Walter McWard, 1029, Herdsman Foreman.....	N	6 480
(Perquisites University—housing)		
20. Wayne E. Roberts, 5353, Herdsman Foreman.....	ZN25	1 620
(Total Salary)		(6 480)
21. Joseph H. Allen, 9449, Herdsman.....	N	5 160
22. James F. Bonnell, 4979, Herdsman.....	N	5 700
23. Howard Cook, 6290, Herdsman.....	ZN33	1 835
(Total Salary)		(5 400)
24. Harold L. Cope, 1047, Herdsman.....	N	5 700
25. William O. Eaton, 1041, Herdsman.....	N	5 700
26. W. Walter Jackson, 8886, Herdsman.....	N	5 700
27. Oliver P. Lewis, 1057, Herdsman.....	N	5 700
28. Arlin L. Neumann, 1053, Herdsman.....	N	5 400
29. M. J. Coon, 1043, Poultryman.....	N	5 880
30. Donald L. Wade, 1042, Poultryman.....	N	5 700
31. Leah M. Dunn, 1010, Secretary—Stenographic.....	ZN50	3 450
(Total Salary)		(6 900)
32. Alma E. White, 1014, Secretary—Stenographic.....	N	4 920
33. Herbert M. Goldman, 1015, Statistician I.....	N50	2 280
<i>Total, Animal Science (Station).....</i>		<u>\$154 586</u>

Stores—Feed Storage Overhead**Account Number 08-15-20-927**

1. Joanne I. Billman, 6095, Clerk-Stenographer III.....	ZN50	\$ 1 845
2. Wayne E. Roberts, 5353, Herdsman Foreman.....	ZN75	4 860
3. Richard L. Munds, 1049, Herdsman.....	N	5 700
<i>Total, Stores—Feed Storage Overhead.....</i>		<u>\$12 405</u>

Hatch—Animal Science—Study of Nutrition of Animals**Account Number 21-15-20-327**

1. William Casebeer, Jr., 1036, Senior Laboratory Attendant	ZN46	\$ 2 604
<i>Total, Hatch—Animal Science—Study of Nutrition of Animals</i>		<u>\$ 2 604</u>

Hatch — Animal Science — Beef Cattle from Non-corn Acreage

Account Number 21-15-20-349

1. Jasper Lewis, 1030, Butcher..... ZN47 \$ 3 300*Total, Hatch — Animal Science — Beef Cattle from
Non-corn Acreage* \$ 3 300**Hatch — Animal Science — Physiology of Reproduction in Swine**

Account Number 21-15-20-352

1. Howard Cook, 6290, Herdsman..... ZN67 \$ 3 565*Total, Hatch — Animal Science — Physiology of Re-
production in Swine.....* \$ 3 565**Hatch — Animal Science — Trace Mineral Requirements
and Metabolism in Animals**

Account Number 21-15-20-359

1. Louis N. Nash, 6335, Junior Laboratory Attendant..... ZN20 \$ 936
(Total Salary) (4 680)*Total, Hatch — Animal Science — Trace Mineral Re-
quirements and Metabolism in Animals.....* \$ 936**Cooperative Investigations**

NATIONAL VITAMIN FOUNDATION C14 BIOTIN

Account Number 44-15-20-362

1. Louis N. Nash, 6335, Junior Laboratory Attendant..... ZN30 \$ 1 404

U.S. PUBLIC HEALTH SERVICE 2G653

Account Number 46-15-20-170

1. Roberta M. Durdle, 5542, Clerk-Typist II..... ZN20 \$ 540
(Total Salary) 50 (1 350)

U.S. AIR FORCE 359

Account Number 46-15-20-302

1. Roberta M. Durdle, 5542, Clerk-Typist II..... ZN15 \$ 405

U.S. ARMY MD544

Account Number 46-15-20-303

1. Louis N. Nash, 6335, Junior Laboratory Attendant..... ZN25 \$ 1 170
2. Roberta M. Durdle, 5542, Clerk-Typist II..... ZN15 450*Total, U.S. Army MD544.....* \$ 1 575

U.S. DEPARTMENT OF AGRICULTURE 4542

Account Number 46-15-20-318

1. Barbara L. Brantner, 5243, Clerk-Typist III..... ZN47 \$ 1 665

U.S. NATIONAL SCIENCE FOUNDATION G13948

Account Number 46-15-20-356

1. Edward Willis, 6321, Junior Laboratory Attendant..... N50 \$ 2 200

U.S. PUBLIC HEALTH SERVICE B1200

Account Number 46-15-20-365

1. Louis N. Nash, 6335, Junior Laboratory Attendant..... ZN25 \$ 1 170

U.S. PUBLIC HEALTH SERVICE RG8752

Account Number 46-15-20-372

1. Carol J. Greenleaf, 8426, Senior Laboratory Attendant... N \$ 5 280

U.S. NATIONAL SCIENCE FOUNDATION G21374

Account Number 46-15-20-374

1. James G. Bergan, 7834, Senior Laboratory Attendant..... N \$ 5 280

Cooperative Extension Service — County Agriculture

Account Number 00-15-25-400

1. Hazel S. Brooks, 1210, Clerk III..... N \$ 3 720
2. Rosemary C. Melliere, 1203, Typing Clerk I..... N 2 820
3. Barbara J. Hughes, 0913, Clerk-Stenographer II..... N 3 120
4. Barbara D. Smith, 7418, Clerk-Stenographer II..... N 3 120

5. Arlene A. Wakefield, 1205, Clerk-Stenographer II.....	N	3 900
6. Helen L. Nowning, 1202, Clerk-Stenographer III.....	N	4 800
7. Elizabeth H. Hulett, 6251, Secretary—Stenographic....	N	6 120
<i>Total, County Farm Extension.....</i>		<u>\$27 600</u>

Secretaries' Salaries

Account Number 00-15-25-479

1. Charlotte L. Allen, 9091, Secretary.....	N	\$ 4 680
2. Elizabeth A. Bannon, 9212, Secretary.....	N	2 700
3. Mary E. Barnbrook, 8946, Secretary.....	N50	1 288
4. Wilma J. Bender, 8991, Secretary.....	N50	1 140
5. Marguerite N. Benton, 8941, Secretary.....	N60	1 680
6. E. Carolyn Bible, 8967, Secretary.....	N50	1 352
7. Helen E. Bickett, 9055, Secretary.....	N	2 616
8. Helen E. Blair, 9206, Secretary.....	N50	1 080
9. Loretta J. Brady, 8968, Secretary.....	N	4 140
10. Kathryn D. Brubaker, 9099, Secretary.....	N87	2 160
11. Rose M. Burgard, 8990, Secretary.....	N	2 520
12. Martha J. Burnam, 8917, Secretary.....	N50	1 188
13. Florence D. Campbell, 8971, Secretary.....	N	2 505
14. Evelyn D. Clayton, 9095, Secretary.....	N	3 152
15. Sandra A. Coatney, 9415, Secretary.....	N	2 400
16. Patsy R. Cochran, 8972, Secretary.....	N50	1 200
17. Sandra M. Collopy, 8918, Secretary.....	N	2 400
18. Grace Ann Conover, 9090, Secretary.....	N80	2 340
19. Juanita R. Cornwell, 9100, Secretary.....	N	2 640
20. Ann Cummins, Secretary.....	N50	1 200
21. Beverly Ann Curry, 9083, Secretary.....	N	2 460
22. Anna W. Davidson, 8978, Secretary.....	N40	1 200
23. Doris Denham, 8944, Secretary.....	N50	1 200
24. Patricia M. Dunlap, 9094, Secretary.....	N60	1 440
25. Ellen E. Ellis, 9081, Secretary.....	N	3 300
26. Virginia L. Emrich, 9052, Secretary.....	N50	1 310
27. C. Jane Fagerstrom, 8955, Secretary.....	N	3 300
28. Barbara L. Fehrmann, 9084, Secretary.....	N	2 190
29. Arlene H. Fryman, 9093, Secretary.....	N50	1 300
30. Dorothy M. Garrelts, 9211, Secretary.....	N	2 400
31. Myrna C. Gilbert, 9092, Secretary.....	N	2 400
32. A. Marie Grimsley, 8937, Secretary.....	N	1 800
33. Marjorie K. Guenzler, 9133, Secretary.....	N	2 600
34. Gloria A. Gusewelle, 9047, Secretary.....	N	2 340
35. Mildred A. Hall, 9176, Secretary.....	N	3 380
36. Clara E. Hammons, 8958, Secretary.....	ZN50	1 200
(Total Salary)		(2 105)
37. Mary E. Hanlon, 9087, Secretary.....	N	2 880
38. Joyce E. Havens, 8992, Secretary.....	N	2 184
39. Florene Heflin, 8986, Secretary.....	N	2 304
40. Sharon A. Holder, 8938, Secretary.....	N	3 000
41. Sandra S. Holzwarth, 9059, Secretary.....	N	2 400
42. Madeleine Horn, 9085, Secretary.....	N50	960
43. Joyce E. Jones, 9097, Secretary.....	N98	2 760
44. Alberta B. Johnston, 9080, Secretary.....	N	2 820
45. Emily C. Johnston, 9078, Secretary.....	N	3 360
46. Geneva R. Kessie, 9096, Secretary.....	N	2 820
47. Alice A. Koester, 8999, Secretary.....	ZN28	528
(Total Salary)		(1 320)
48. Marilyn L. Koshinski, 9089, Secretary.....	N	2 760
49. Corinne E. Kraske, 9033, Secretary.....	N	2 820
50. Marilyn J. Kujawa, 9042, Secretary.....	ZN50	1 050
(Total Salary)		(2 100)
51. Carol A. Legel, 9036, Secretary.....	N	2 280
52. Alice F. Lewis, 9039, Secretary.....	N50	1 125
53. Lucile Limback, 9340, Secretary.....	N	4 300

54. Doris E. Lung, 8921, Secretary.....	N	2 700
55. Linda K. Lysell, Secretary.....	N	3 432
56. Mary F. Marsh, 9032, Secretary.....	N50	1 200
57. Sharon K. Mayhew, 9000, Secretary.....	ZN25	630
(Total Salary)		(2 520)
58. Joan H. Meyer, 9499, Secretary.....	N	2 610
59. Georgia M. Mills, 8988, Secretary.....	N	2 940
60. Vera L. Morefield, 9086, Secretary.....	N	2 176
61. Melva E. Mulnix, 9041, Secretary.....	N	2 940
62. Doris A. Newby, 8996, Secretary.....	N	2 751
63. Marcella M. Nimmer, 8976, Secretary.....	N	2 580
64. Carolyn E. Noel, 8919, Secretary.....	N84	2 184
65. Doris L. Norton, 9013, Secretary.....	N	2 520
66. Marie A. Payne, 9082, Secretary.....	N	2 940
67. Mary I. Perryman, 9014, Secretary.....	N	2 730
68. Patricia D. Pickens, 8974, Secretary.....	N67	2 040
69. Elinor A. Preis, 9477, Secretary.....	N75	2 460
70. Margaret P. Raftis, 8915, Secretary.....	N	2 760
71. Janet I. Rape, 8925, Secretary.....	N	2 880
72. Sona L. Rardin, Secretary.....	N50	1 200
73. Dorothy E. Reinwald, 8923, Secretary.....	N75	2 223
74. Wilma E. Robison, 9049, Secretary.....	N	2 400
75. Freda I. Rockwell, 8922, Secretary.....	N	3 420
76. Mary E. Rohn, 8995, Secretary.....	N50	1 050
77. Kathleen D. Rueff, 8945, Secretary.....	N	3 600
78. Rita M. Sauberlich, 8984, Secretary.....	N	3 060
79. Maxine Schofield, 8924, Secretary.....	N	2 580
80. Judy K. Scurlock, 8920, Secretary.....	N	3 060
81. Geraldine L. Senters, 9064, Secretary.....	N50	1 980
82. Phyllis J. Shauhan, 8916, Secretary.....	N50	1 380
83. Mary J. Shippee, 9079, Secretary.....	N	2 700
84. Sharon A. Simmons, 9037, Secretary.....	N50	1 530
85. Ludean E. Smith, 8975, Secretary.....	N40	1 050
86. Helen L. Smithson, 9402, Secretary.....	N	2 520
87. Joyce M. Spillman, 9205, Secretary.....	N	3 000
88. Gladys I. Still, 9054, Secretary.....	N50	1 500
89. Dorothy J. Stone, 9065, Secretary.....	N	2 040
90. Muriel C. Tippet, 8973, Secretary.....	N58	1 515
91. Ruby M. Treece, 9035, Secretary.....	ZN50	1 260
(Total Salary)		(2 520)
92. Glenda J. Varner, 8940, Secretary.....	N	2 040
93. Wilma L. Volkmar, 8977, Secretary.....	N50	1 260
94. Marcia C. Wacker, 8994, Secretary.....	N	2 520
95. Marjorie H. Walker, 8943, Secretary.....	N	3 480
96. Ethel A. Ward, 9088, Secretary.....	N	4 200
97. Darla K. Williamson, 9341, Secretary.....	N	2 160
98. Susan G. Williamson, 9359, Secretary.....	ZN50	1 320
(Total Salary)		(2 640)
99. Grace M. Wilson, 8926, Secretary.....	N50	1 200
100. Barbara L. Wolverton, 8970, Secretary.....	N	2 580
101. Mary L. Winger, 8997, Secretary.....	N50	1 320
102. Murrel S. Wright, 9004, Secretary.....	N50	1 473
103. Judith J. Young, 8993, Secretary.....	N	2 700
104. Mary K. Young, 9436, Secretary.....	N	2 340
105. _____, Secretary.....	N	2 820
106. _____, 9048, Secretary.....	N	2 640
Total, Secretaries' Salaries.....		\$240 146

Auxiliary — 4-H Memorial Camp Operation

Account Number 18-15-25-780

1. Robert J. Dowdle, 1240, Park Attendant.....	N	\$ 5 340
(Perquisites University — housing)		

Total, Auxiliary — 4-H Memorial Camp Operation.... \$ 5 340

Federal Smith-Lever — County Farm Extension Administration

Account Number 36-15-25-401

1. Rolene B. Cain, 9325, Tabulating Machine Operator I.... H \$ 3 341

Total, Federal Smith-Lever — County Farm Extension Administration \$ 3 341

Cooperative Extension Service — County Home

Account Number 00-15-30-400

1. Charlena H. Holl, 1233, Typing Clerk I.....	N	\$ 2 640
2. Shirley J. Wimmer, 1232, Typing Clerk I.....	N	2 880
3. Betty L. Hettinger, 1231, Typing Clerk II.....	N	3 600
4. Carol A. Griffith, 1239, Clerk-Typist I.....	N	2 820
5. Jacqueline Marriott, 1238, Clerk-Typist I.....	N	2 520
6. Karen J. Werremeyer, 1234, Clerk-Typist I.....	N	2 640
7. ———, 1235, Clerk-Typist I.....	N50	1 260
8. Norma L. Huls, 1229, Clerk-Typist II.....	N	3 420
9. Carol Linda Schutz, 1230, Clerk-Typist II.....	N	3 120
10. Sandra K. Pridemore, 1228, Clerk-Typist III.....	N	3 420
11. Mildred M. Lair, 1227, Office Supervisor.....	N	6 480
<i>Total, County Home Extension</i>		\$34 800

Secretaries' Salaries

Account Number 00-15-30-479

1. Norma J. Agans, 8936, Secretary.....	N	\$ 2 340
2. Arlene M. Altensey, 8947, Secretary.....	N	3 000
3. Irene Althoff, Secretary.....	N75	2 202
4. Marie B. Anderson, 9058, Secretary.....	N50	1 848
5. Geneva M. Becker, 8964, Secretary.....	N50	1 260
6. Mary F. Becker, 9146, Secretary.....	N50	1 200
7. Marion H. Begalke, 9062, Secretary.....	N38	1 365
8. Elizabeth Berghouse, 8960, Secretary.....	N	3 000
9. Lois M. Bettenhausen, 9038, Secretary.....	N	4 530
10. Donna J. Brakhane, 8962, Secretary.....	N	2 820
11. Janice L. Brutlag, 8935, Secretary.....	N	2 880
12. Edna Burroughs, 9030, Secretary.....	N74	1 425
13. Sandra L. Cameron, 9414, Secretary.....	N80	1 800
14. Marie Cates, 9073, Secretary.....	N	2 520
15. Mildred Chandler, 9132, Secretary.....	N50	1 470
16. Mary L. Crawford, 8934, Secretary.....	N	2 640
17. Bessie M. Dawson, 9050, Secretary.....	N	2 880
18. Kathryn P. Dickey, 8948, Secretary.....	N	4 020
19. Sadie E. Dorsey, 8953, Secretary.....	N	2 610
20. Eva J. Drew, 9012, Secretary.....	N67	1 760
21. Lelia M. Eason, 9005, Secretary.....	N50	1 300
22. Verla Ewing, 9066, Secretary.....	N75	1 665
23. Helen M. Farris, 8933, Secretary.....	N50	1 080
24. Ruth S. Fussner, 9040, Secretary.....	N50	1 380
25. Velda M. Gerlich, 8985, Secretary.....	N	2 160
26. Gladys M. Ginder, 9007, Secretary.....	N	2 760
27. Helen L. Goudy, 9071, Secretary.....	N	2 100
28. Betty A. Greever, 8955, Secretary.....	N50	1 200
29. Clara E. Hammons, 8958, Secretary.....	ZN40	905
30. Stella V. Hayes, 9207, Secretary.....	N	3 120
31. Edith Hill, 9006, Secretary.....	N	2 280
32. Grace E. Hollerbach, 8980, Secretary.....	N	2 100
33. Patricia Houseman, 8961, Secretary.....	N75	2 820
34. Verla C. Howe, 9004, Secretary.....	N	2 172
35. Johanne Hundley, 8965, Secretary.....	N75	1 440
36. Jean Alva Jackson, 9001, Secretary.....	N	3 660
37. Margaret H. Jones, 9076, Secretary.....	N	3 300
38. Jean L. Keller, 8983, Secretary.....	N80	2 040

39. Margaret A. Kessler, 8931, Secretary.....	N	2 250
40. Margaret Kirkpatrick, 9051, Secretary.....	N50	1 440
41. Gayle E. Klinger, 9476, Secretary.....	N	2 704
42. Alice Ann Koester, 8999, Secretary.....	ZN42	792
43. Ruth M. Kramer, 9057, Secretary.....	N75	2 000
44. Miriam E. Kuhn, 9070, Secretary.....	N	2 640
45. Marilyn J. Kujawa, 9042, Secretary.....	ZN50	1 050
46. Ruby E. Lamb, 8963, Secretary.....	N93	1 680
47. Patricia J. Lynn, 9045, Secretary.....	N	3 240
48. Laverne H. Maier, 9009, Secretary.....	N	2 940
49. Alice H. Manning, 8930, Secretary.....	N	2 100
50. Sharon K. Mayhew, 9000, Secretary.....	ZN75	1 890
51. Darlene M. McKinney, 8959, Secretary.....	N	2 640
52. Martha E. Meyer, 9044, Secretary.....	N	4 800
53. Margaret J. Meyers, 9075, Secretary.....	N	2 160
54. Paula A. Moore, 9043, Secretary.....	N	2 520
55. Edna A. Nester, 9010, Secretary.....	N	3 060
56. Ruth S. Nixon, 9011, Secretary.....	N50	1 050
57. Eldina M. Oberg, 9008, Secretary.....	N	3 840
58. Neola M. Peterson, 8954, Secretary.....	N50	1 560
59. Vida L. Phegley, 8928, Secretary.....	N75	1 800
60. Janice E. Prando, 8982, Secretary.....	N	2 880
61. Martha A. Reimer, 9061, Secretary.....	N	3 120
62. Ruth Rippelmeyer, 9046, Secretary.....	N75	1 640
63. Enned Rodgers, 8914, Secretary.....	N	3 120
64. Melba F. Roos, 8979, Secretary.....	N67	2 200
65. Effie M. Scott, 9074, Secretary.....	N	2 910
66. Betty A. Seibert, 8929, Secretary.....	N	2 400
67. Fairy S. Shoot, 8939, Secretary.....	N50	1 800
68. E. Lucile Sims, 8949, Secretary.....	N70	1 850
69. Johnette A. Smith, 8951, Secretary.....	N	3 240
70. Thelma T. Spiller, 9002, Secretary.....	N	2 480
71. Jeanine S. Stage, 9068, Secretary.....	N	2 340
72. Marilyn Steinman, 9077, Secretary.....	N50	1 200
73. Nelle W. Stonemetz, 9067, Secretary.....	N	3 000
74. Helen H. Stump, 9353, Secretary.....	N	2 400
75. Sylvia Taylor, 8950, Secretary.....	N	2 916
76. Caroline R. Tessman, 9063, Secretary.....	H90	3 500
77. Lois L. Toepfer, 8952, Secretary.....	N50	1 200
78. Mary Lee Treadway, 9060, Secretary.....	N	2 280
79. Ruby M. Treece, 9035, Secretary.....	ZN50	1 260
80. Dorothy O. Ulferts, 8998, Secretary.....	N90	2 760
81. Helen E. Upton, 9056, Secretary.....	N75	1 710
82. Phyllis A. Varble, 9069, Secretary.....	N75	1 800
83. Leta J. Veith, 8987, Secretary.....	N	2 940
84. Catharine M. Waggoner, 9053, Secretary.....	N88	2 136
85. Alma F. Walsh, 8956, Secretary.....	N	3 420
86. Mary Rose Watermeier, 8966, Secretary.....	N	2 760
87. Naomi F. Wheeler, 9015, Secretary.....	N75	1 395
88. Alberta M. Whitaker, 9003, Secretary.....	N63	1 755
89. Mildred R. Wightman, 8957, Secretary.....	N	4 260
90. Susan G. Williamson, 9359, Secretary.....	ZN50	1 320
(Total Salary)		(2 640)
91. Carole J. Wilson, 9072, Secretary.....	N	2 640
92. Janet Woerpel, 9147, Secretary.....	N	3 480
93. Valera M. Zern, 9034, Secretary.....	N	1 980
94. _____, 8932, Secretary.....	N	2 610
95. _____, 9059, Secretary.....	N50	1 305
96. _____, Secretary	N60	1 440
97. _____, 8981, Secretary.....	N75	1 656
98. _____, Secretary	N50	1 200
Total, Secretaries' Salaries.....		\$223 511

Dairy Science**College**

Account Number 00-15-35-100

1. Francis E. Althaus, 1069, Senior Laboratory Attendant....	N	\$ 5 280
2. Jo Ann Anderson, 1063, Clerk-Stenographer II.....	N	3 120
3. Marjorie M. Hildreth, 1061, Clerk-Stenographer III....	N	4 740
4. Verna L. Dreblow, 1066, Clerk-Typist II.....	N	2 880
5. Carol A. Krueger, 1064, Clerk-Typist II.....	N	2 760
6. Rosemary I. Judy, 1060, Clerk-Typist III.....	N	4 080
7. Ray E. King, 1078, Herdsman.....	N	5 700
8. Harold J. Menacher, 1090, Herdsman.....	N	5 700
9. Paul D. Moore, 1085, Herdsman.....	N	5 700
10. Charles S. Spitz, 1087, Herdsman.....	N	5 700
11. Kees W. Vandermeer, 1082, Herdsman.....	N	5 640
12. I. Rhea Adams, 1059, Secretary—Stenographic.....	N	6 480
<i>Total, Dairy Science (College).....</i>		<i>\$57 780</i>

Station

Account Number 00-15-35-300

1. _____, 1070, Senior Laboratory Attendant.....	N	\$ 3 945
2. Joseph Pohl, 7717, Accounting Clerk I.....	N	4 020
3. _____, 1074, Clerk-Stenographer II.....	N	2 820
4. Sharon Sue Angle, 1067, Clerk-Typist II.....	N	3 000
5. Janet M. Dold, 6173, Clerk-Typist II.....	N	2 820
6. Mildred E. Karva, 1068, Clerk-Typist II.....	ZN81	2 376
(Total Salary)		(2 940)
7. Burford E. Hammitt, 1092, Fieldman.....	N	5 700
8. Russel R. Layman, 1081, Fieldman.....	N	5 700
9. Henry L. Wann, 1091, Fieldman.....	N	5 700
10. Fay Campbell, 1072, Farm Foreman.....	N	6 480
(Perquisites University—housing)		
11. Roy L. Shirley, 1073, Supervising Farm Foreman.....	N	6 840
(Perquisites University—housing)		
12. Leslie I. Elder, 1089, Herdsman.....	N	5 640
13. Gilbert L. Foreman, 1088, Herdsman.....	N	5 700
14. Paul F. Hollowell, 1084, Herdsman.....	N	5 700
15. Arthur E. Miller, 1075, Herdsman.....	N	5 880
16. Clarence R. Millsap, 1095, Herdsman.....	N	5 700
17. Robert Lee O'Bryan, 1097, Herdsman.....	N	5 700
18. Burl E. Petty, 1086, Herdsman.....	N	5 700
19. Charles G. Peyton, 1094, Herdsman.....	N	5 700
20. Eugene S. Poehler, 1093, Herdsman.....	N	5 700
21. Frank Seiler, 1083, Herdsman.....	N	5 700
22. Warren R. Smith, 1079, Herdsman.....	N	5 880
23. Orville C. Starwalt, 1077, Herdsman.....	N	5 880
24. Virgil D. Unzicker, 1096, Herdsman.....	N	5 700
25. James A. Voss, 1076, Herdsman.....	N	5 880
26. Lawrence E. Williams, 1080, Herdsman.....	N	5 700
<i>Total, Dairy Science (Station).....</i>		<i>\$135 561</i>

Dairy Official Testing Revolving

Account Number 12-15-35-316

1. Sherman M. Dockum, 1105, Advanced Registry Tester..	N	\$ 4 680
2. Charles K. Hays, 1102, Advanced Registry Tester.....	N	4 680
3. Henry W. Hern, 1107, Advanced Registry Tester.....	N	4 680
4. _____, 1104, Advanced Registry Tester.....	N	3 960
5. _____, 1108, Advanced Registry Tester.....	N	3 780
<i>Total, Dairy Official Testing Revolving.....</i>		<i>\$21 780</i>

Hatch—Dairy Science—Metabolism in Ruminants

Account Number 21-15-35-315

1. Marvin J. Espenscheid, Junior Laboratory Attendant....	ZN60	\$ 2 376
(Total Salary)		(3 960)

2. Judith Mizrahi, 8216, Junior Laboratory Attendant....	N	4 400
3. Mildred E. Karva, 1068, Clerk-Typist II.....	ZN19	564
<i>Total, Hatch—Dairy Science—Metabolism in Ruminants</i>		<u>\$ 7 340</u>

Hatch—Dairy Science—Artificial Insemination

Account Number 21-15-35-316

1. Ronald A. Harris, 7371, Junior Laboratory Attendant...	N	\$ 4 480
<i>Total, Hatch—Dairy Science—Artificial Insemination</i>		<u>\$ 4 480</u>

Hatch—Dairy Science—Biosynthesis of Milk Protein

Account Number 21-15-35-320

1. M. Elizabeth Hageman, 7721, Senior Laboratory Attendant	N60	\$ 3 384
<i>Total, Hatch—Dairy Science—Biosynthesis of Milk Protein</i>		<u>\$ 3 384</u>

Hatch—Dairy Science—High Moisture Corn

Account Number 21-15-35-393

1. Marvin J. Espenscheid, Junior Laboratory Attendant....	ZN20	\$ 792
<i>Total, Hatch—Dairy Science—High Moisture Corn..</i>		<u>\$ 792</u>

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G7499

Account Number 46-15-35-359

1. Judith M. Twarog, 6089, Senior Laboratory Attendant...	N	\$ 5 280
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U.S. PUBLIC HEALTH SERVICE RG7951

Account Number 46-15-35-367

1. Elena N. Kasuba, 6299, Junior Laboratory Attendant....	N	\$ 4 200
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U.S. PUBLIC HEALTH SERVICE RG8753

Account Number 46-15-35-368

1. ———, 6363, Junior Laboratory Attendant.....	N	\$ 5 280
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U.S. PUBLIC HEALTH SERVICE RG8506

Account Number 46-15-35-369

1. Marvin J. Espenscheid, Junior Laboratory Attendant....	ZN20	\$ 792
2. Boy Boer, 5591, Senior Laboratory Attendant.....	N	5 280
<i>Total, U.S. Public Health Service RG8506.....</i>		<u>\$ 6 072</u>

Dixon Springs Experiment Station

Account Number 00-15-40-300

1. R. W. Anderson, 0921, Senior Laboratory Attendant....	ZN75	\$ 3 940
(Total Salary)		(5 250)
(Perquisites University—lodging)		
2. Velma Jean Harper, 8759, Clerk-Stenographer II.....	N	3 240
3. Wanda L. Randolph, 0918, Clerk-Stenographer II.....	N	3 240
4. Charlotte R. Benard, 7339, Clerk-Stenographer III.....	N	3 870
5. Carl B. Aaron, 0931, Assistant Farmer.....	ZN11	440
(Total Salary)		(4 020)
6. Robie T. Anderson, 0934, Assistant Farmer.....	N	3 780
7. Buel L. Bailey, 0929, Assistant Farmer.....	N	3 810
8. Ernest W. Bailey, 0943, Assistant Farmer.....	N	3 960
(Perquisites University—lodging)		
9. John R. Bailey, 0933, Assistant Farmer.....	N	4 110
10. Lowell L. Bailey, 0932, Assistant Farmer.....	N	4 080
11. James R. Boaz, 0922, Assistant Farmer.....	N	4 080
12. Raymond Enyart, 7904, Assistant Farmer.....	N	4 110
13. B. W. Hardin, 0927, Assistant Farmer.....	N	4 530
14. Joe S. Harris, 0938, Assistant Farmer.....	N	3 960
15. Rillis L. Kerley, 6744, Assistant Farmer.....	N	4 020
16. Gerald Klink, 5360, Assistant Farmer.....	N	4 020
17. Claude E. Parks, 5461, Assistant Farmer.....	ZN10	390
(Total Salary)		(3 900)
18. Ronald O. Phelps, 0928, Assistant Farmer.....	N	3 960

19. Edward Sharp, 0937, Assistant Farmer.....	N	3 720
20. James Trigg, 0939, Assistant Farmer.....	N	4 200
21. Maurice R. Wells, 0930, Assistant Farmer.....	N	4 230
22. Eugene Wise, 0924, Assistant Farmer.....	N	3 960
(Perquisites Employee — lodging)		(180)
23. James W. Hemphill, 7386, Building Mechanic Foreman..	N	5 010
24. J. Wayne Mizell, 0925, Farm Foreman.....	N	4 650
(Perquisites University — lodging)		
25. Earl Williamson, 0926, Farm Foreman.....	N	5 430
(Perquisites University — lodging)		
26. Lee Phelps, 5872, Farm Mechanic Foreman.....	N	5 010
(Perquisites University — lodging)		
27. Thomas E. Lauderdale, 0920, Herdsman Foreman.....	N	4 800
(Perquisites University — lodging)		
28. Oakley Robinson, 0919, Herdsman Foreman.....	N	5 430
(Perquisites University — lodging)		
29. Irene Fritch, 6706, Housekeeper.....	H	(2 923)
30. Roy Brush, 0935, Farm Laborer.....	N	3 660
31. Clarence Tooley, 0936, Farm Laborer.....	N	3 660
32. Howard Bradley, 7385, Building Mechanic.....	N	4 290
33. Fred Kerley, 7383, Building Mechanic.....	N	4 290
34. Wayne Lewis, 7384, Building Mechanic.....	N	4 290
35. Donnie R. Morris, 6108, Farm Mechanic.....	N	3 960
36. John S. Whiteside, 7797, Farm Mechanic.....	ZN10	408
(Total Salary)		(4 080)
37. Leah M. Dunn, 0917, Secretary — Stenographic.....	ZN50	3 450
(Total Salary)		(6 900)
<i>Total, Dixon Springs Experiment Station.....</i>		<u>\$137 988</u>

Hatch — Dixon Springs — Grazing Values of Mixed Legumes and Grasses

Account Number 21-15-40-302

1. Leslie Maynor, 7411, Building Mechanic.....	N	<u>\$ 4 290</u>
<i>Total, Hatch — Dixon Springs — Grazing Values of Mixed Legumes and Grasses.....</i>		<u>\$ 4 290</u>

Hatch — Dixon Springs — Supplementing Wintering Rations

Account Number 21-15-40-324

1. Carl B. Aaron, 0931, Assistant Farmer.....	ZN89	<u>\$ 3 580</u>
<i>Total, Hatch — Dixon Springs — Supplementing Wintering Rations</i>		<u>\$ 3 580</u>

Hatch — Dixon Springs — Production and Maintenance of Forage Crops

Account Number 21-15-40-326

1. Wayne E. Speck, 8609, Assistant Laboratory Attendant..	ZN50	<u>\$ 1 980</u>
(Total Salary)		<u>(3 960)</u>
<i>Total, Hatch — Dixon Springs — Production and Maintenance of Forage Crops.....</i>		<u>\$ 1 980</u>

Hatch — Dixon Springs — Effect of Planting Method

Account Number 21-15-40-332

1. Dee Robinson, 0942, Assistant Farmer.....	N	<u>\$ 4 380</u>
(Perquisites University — lodging)		
<i>Total, Hatch — Dixon Springs — Effect of Planting Method</i>		<u>\$ 4 380</u>

Hatch — Dixon Springs — Management Factors to Gross Production in a Beef Cow Herd

Account Number 21-15-40-336

1. John S. Whiteside, 7797, Farm Mechanic.....	ZN90	<u>\$ 3 672</u>
<i>Total, Hatch — Dixon Springs — Management Factors to Gross Production in a Beef Cow Herd.....</i>		<u>\$ 3 672</u>

Hatch — Dixon Springs — Effect of Fertilization on Longevity and Yields of Alfalfa

Account Number 21-15-40-337

1. Lowell W. Phelps, 8210, Assistant Farmer.....	N	\$ 3 720
<i>Total, Hatch — Dixon Springs — Effect of Fertilization on Longevity and Yields of Alfalfa.....</i>		<i>\$ 3 720</i>

Hatch — Dixon Springs — Effect of Pasture on Breeding of Sheep and Cattle

Account Number 21-15-40-342

1. Victor N. Watson, 8130, Farm Laborer.....	N	\$ 3 720
<i>Total, Hatch — Dixon Springs — Effect of Pasture on Breeding of Sheep and Cattle.....</i>		<i>\$ 3 720</i>

Regional Research Fund — Dixon Springs — Improving Beef Cattle by Breeding and Selection

Account Number 23-15-40-372

1. Claude E. Parks, 5461, Assistant Farmer.....	ZN90	\$ 3 510
<i>Total, Regional Research Fund — Dixon Springs — Improving Beef Cattle by Breeding and Selection...</i>		<i>\$ 3 510</i>

Food Technology
College

Account Number 00-15-50-100

1. Estelle T. Mann, 1111, Clerk-Typist III.....	N	\$ 4 380
2. Maribelle Dean, 1109, Secretary — Stenographic.....	N	5 160
<i>Total, Food Technology (College).....</i>		<i>\$ 9 540</i>

Station

Account Number 00-15-50-300

1. Ralph J. Getz, 1118, Dairy and Food Plant Attendant....	N	\$ 5 700
2. Basil E. Reynolds, 1116, Dairy and Food Plant Attendant	N	5 520
3. ———, 1117, Dairy and Food Plant Attendant....	N	5 160
4. Carolyn R. Samuels, 6501, Clerk-Typist II.....	ZN90	2 700
(Total Salary)		(3 000)
5. Leah V. Winter, 5142, Clerk-Typist II.....	N50	1 500
6. ———, 5142, Clerk-Typist II.....	H50	900
7. Reba N. Corray, 1110, Clerk-Typist III.....	N	4 020
<i>Total, Food Technology (Station).....</i>		<i>\$25 500</i>

Cooperative Investigations

AMERICAN DAIRY ASSOCIATION — PROTEIN CHOLESTEROL

Account Number 44-15-50-300

1. Carolyn R. Samuels, 6501, Clerk-Typist II.....	ZN10	\$ 300
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U.S. PUBLIC HEALTH SERVICE 1819

Account Number 46-15-50-366

1. Emelina Villarreal, 9216, Assistant Laboratory Attendant	N	\$ 3 480
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STATE OF ILLINOIS DEPARTMENT OF AGRICULTURE — CARBOHYDRATE COATING

Account Number 47-15-50-311

1. ———, 8172, Junior Laboratory Attendant.....	N	\$ 3 840
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Forestry
College

Account Number 00-15-55-100

1. Sara M. Lieb, 1120, Clerk-Typist III.....	N	\$ 4 020
2. Dorothy E. Hanke, 1119, Secretary — Stenographic.....	N	6 720
<i>Total, Forestry (College).....</i>		<i>\$10 740</i>

Station

Account Number 00-15-55-300

1. Paul E. Quertermous, 6448, Chief Clerk.....	ZN50	\$ 2 625
(Total Salary)		(5 250)
2. L. Jean Weber, 7949, Clerk-Typist II.....	N	3 300
<i>Total, Forestry (Station).....</i>		<i>\$ 5 925</i>

Hatch — Forestry — Plantations

Account Number 21-15-55-341

1. Lowell L. Ditterline, 1122, Assistant Farmer.....	N	\$ 3 950
<i>Total, Hatch — Forestry — Plantations</i>		<u>\$ 3 950</u>

Hatch — Forestry — Water Yields from Lake Glendale Watershed

Account Number 21-15-55-342

1. Wayne E. Speck, 8609, Assistant Laboratory Attendant..	ZN50	\$ 1 980
(Total Salary)		(3 960)
2. Paul E. Quertermous, 6448, Chief Clerk.....	ZN50	2 625
<i>Total, Hatch — Forestry — Water Yields from Lake Glendale Watershed</i>		<u>\$ 4 605</u>

Home Economics**College**

Account Number 00-15-60-100

1. Rose Mary Brown, 6837, Foods Laboratory Assistant...	G50	\$ 1 440
(Nine months)		
2. Bernice Newberry, 1131, Foods Laboratory Assistant....	N	3 900
3. Dorothy E. Porter, 1125, Clerk III.....	N	4 290
4. Jeanne L. Hafstrom, 1123, Chief Clerk.....	N	6 690
5. Sandra W. Smith, 6818, Typing Clerk I.....	N	3 120
6. Carol E. Huth, 7278, Typing Clerk II.....	N	3 090
7. Lois F. Lynan, 7514, Clerk-Typist I.....	N	2 700
8. Arda M. Davis, 1130, Clerk-Typist II.....	N	3 360
9. Betty L. McDaniel, 1128, Clerk-Typist II.....	N	3 120
10. _____, 1129, Clerk-Typist II.....	N	3 120
11. Karon M. Canull, 1126, Clerk-Typist III.....	N	3 480
12. Mary H. Griffet, 1132, Housekeeper.....	N	3 120
<i>Total, Home Economics (College).....</i>		<u>\$41 430</u>

Station

Account Number 00-15-60-300

1. Lenora Padgett, 7313, Foods Laboratory Assistant.....	N	\$ 3 270
2. Thomas M. Wimmer, Jr., 6929, Distribution Clerk I.....	N	4 080
3. Barbara A. Bremer, 1127, Clerk-Typist III.....	N	4 020
<i>Total, Home Economics (Station).....</i>		<u>\$11 370</u>

Home Economics Cafeteria Revolving

Account Number 12-15-60-212

1. Beatrice C. Harms, 1142, Foods Laboratory Assistant...	G	\$ 2 550
(Perquisites University — one meal)		
(Nine months)		
2. Clara Jackson, 1141, Foods Laboratory Assistant.....	G	2 700
(Perquisites University — one meal)		
(Nine months)		
3. Lois L. Kiest, 7417, Foods Laboratory Assistant.....	G	2 385
(Perquisites University — one meal)		
(Nine months)		
4. Catherine Montgomery, 1140, Foods Laboratory Assistant	G	2 490
(Perquisites University — one meal)		
(Nine months)		
5. Thrasilla Phillips, 1139, Foods Laboratory Assistant.....	G	2 295
(Perquisites University — one meal)		
(Nine months)		
<i>Total, Home Economics Cafeteria Revolving.....</i>		<u>\$12 420</u>

Horticulture**College**

Account Number 00-15-65-100

1. Louise M. Fininis, 1143, Chief Clerk.....	N	\$ 6 660
2. Violet M. Metz, 1144, Typing Clerk III.....	N	3 780
3. Barbara A. Caravalia, 1146, Clerk-Stenographer III.....	N	3 600
<i>Total, Horticulture (College).....</i>		<u>\$14 040</u>

Station

Account Number 00-15-65-300

1. Willie L. Campbell, 6165, Junior Laboratory Attendant...	N	\$ 4 440
2. —————, 7121, Senior Laboratory Attendant.....	N	4 920
3. Grace E. Moore, 1149, Typing Clerk II.....	N	3 000
4. Thelma E. Croushore, 1147, Clerk-Typist II.....	N	3 120
5. Edith E. Vetter, 6244, Clerk-Typist II.....	N	3 540
6. Clarence A. Gerber, 1155, Agricultural Gardener Foreman	N	5 340
7. Ernest O. Hart, 1153, Agricultural Gardener Foreman...	N	6 480
8. Ward T. Matthews, 1152, Agricultural Gardener Foreman	N	6 480
9. Walter M. Staszak, 1154, Agricultural Gardener Foreman	N	6 480
10. Harold McGee, 1151, Supervising Farm Foreman.....	N	6 840
11. Thomas Arie, 1177, Agricultural Gardener.....	N	5 700
12. Bruce O. Barkley, 1164, Agricultural Gardener.....	N	5 700
13. Arthur L. Brummet, 1178, Agricultural Gardener.....	N	5 700
14. Robert C. Chancellor, 1162, Agricultural Gardener.....	N	5 880
15. Leroy Crawford, 1180, Agricultural Gardener.....	N	5 700
16. Clarence G. Davis, 1173, Agricultural Gardener.....	N	5 700
17. Glenn J. Gleason, 1172, Agricultural Gardener.....	N	5 700
18. Ira F. Gudgel, 1168, Agricultural Gardener.....	N	5 700
19. Vernon L. Harris, 1176, Agricultural Gardener.....	N	5 700
20. Charles B. Hughes, 1170, Agricultural Gardener.....	N	5 400
21. Virgil Kesler, 1165, Agricultural Gardener.....	N	5 700
22. Carl H. Mohr, 1171, Agricultural Gardener.....	N	5 700
23. Freal C. Myers, 1166, Agricultural Gardener.....	N	5 700
24. Francis J. Palmisano, 1167, Agricultural Gardener.....	N	5 700
25. Edward J. Prah, 1169, Agricultural Gardener.....	N	5 400
26. Julius F. Reinhart, 1175, Agricultural Gardener.....	N	5 700
27. Gordon E. Smith, 1179, Agricultural Gardener.....	N	5 700
28. Stanley E. Bundy, 1160, Cold Storage Operator.....	N	5 700
29. W. E. Clark, 1159, Cold Storage Operator.....	N	5 700
30. J. C. Embry, 1161, Cold Storage Operator and Agricultural Gardener	N	5 700
31. Cornelius J. Rund, 1158, Chief Cold Storage Operator...	N	6 840
<i>Total, Horticulture (Station).....</i>		<u>\$171 060</u>

Plant Pathology**College**

Account Number 00-15-68-100

1. Rita K. Whitmore, 7303, Clerk-Typist II.....	N	\$ 2 700
2. M. Arleah Dix, 6551, Secretary — Stenographic.....	N	5 150
<i>Total, Plant Pathology (College).....</i>		<u>\$ 8 550</u>

Station

Account Number 00-15-68-300

1. Ralph F. Shields, 8384, Agricultural Gardener.....	N	\$ 5 400
<i>Total, Plant Pathology (Station).....</i>		<u>\$ 5 400</u>

Hatch — Plant Pathology — Fungus Diseases of Fruits and Their Control

Account Number 21-15-68-377

1. Ina M. Kneuppel, 1185, Assistant Laboratory Attendant..	N	\$ 3 720
<i>Total, Hatch — Plant Pathology — Fungus Diseases of Fruits and Their Control.....</i>		<u>\$ 3 720</u>

Cooperative Investigations

ILLINOIS SEED PRODUCTION — CORN

Account Number 44-15-68-343

1. Donald E. Yates, 8277, Crops Testing Technician.....	ZN40	\$ 2 040
(Total Salary)		(5 100)

U.S. PUBLIC HEALTH SERVICE E2709

Account Number 46-15-68-367

1. Donald E. Yates, 8277, Crops Testing Technician.....	ZN60	\$ 3 060
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Veterinary Research**Station**

Account Number 00-15-70-300

1. Ernest M. Canavan, 1186, Animal Caretaker.....	N	\$ 5 700
<i>Total, Veterinary Research (Station).....</i>		<i>\$ 5 700</i>

Vocational Agriculture**College**

Account Number 00-15-75-100

1. Beverly A. Nickelson, 0915, Clerk-Stenographer II.....	ZN50	\$ 1 980
(Total Salary)		(3 960)
2. Betty J. Cain, 0914, Clerk-Stenographer III.....	N	4 800
3. Guy Hart, 5589, Storekeeper III.....	N	5 880
<i>Total, Vocational Agriculture (College).....</i>		<i>\$12 660</i>

Vocational Agriculture Revolving

Account Number 12-15-75-270

1. Beverly A. Nickelson, 0915, Clerk-Stenographer II.....	ZN50	\$ 1 980
2. Richard G. Wagner, 8027, Duplicating Machine Operator I	N50	1 500
3. ———, 8105, Photographic Technician II.....	N	3 900
<i>Total, Vocational Agriculture Revolving.....</i>		<i>\$ 7 380</i>

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**Administration**

Account Number 00-17-01-100

1. Lois A. Dallas, 1519, Chief Clerk.....	N	\$ 6 090
2. Judith Ann Ziemer, 1517, Typing Clerk II.....	N	3 180
3. Lorna M. Scheyer, 7155, Typing Clerk III.....	N	3 720
4. Judith S. Henneike, 1512, Clerk-Stenographer II.....	N	3 720
5. Marjorie M. Clementz, 5350, Clerk-Stenographer III.....	N	3 780
6. Karen A. Earp, 1513, Clerk-Stenographer III.....	N	4 290
7. Ida M. Boulter, 5110, Secretary — Stenographic.....	N	5 010
8. Marie E. Pflugmacher, 6512, Secretary — Stenographic..	N	5 100
9. Vera M. Sands, 7327, Secretary — Stenographic.....	N	5 160
10. L. Winifred Coatney, 7668, Secretary — Transcribing....	N	4 800
<i>Total, Administration</i>		<i>\$44 850</i>

Accountancy

Account Number 00-17-05-100

1. Marilyn Sneed, 1521, Clerk-Stenographer II.....	N	\$ 3 120
2. ———, 7703, Clerk-Stenographer II.....	N50	1 500
3. Charlotte A. Winn, 9282, Clerk-Stenographer III.....	N	3 690
4. Mildred B. Brumfield, 1520, Secretary — Stenographic...	N	6 750
<i>Total, Accountancy</i>		<i>\$15 060</i>

Business Education

Account Number 00-17-10-100

1. Eva M. Boudreau, 1515, Clerk-Stenographer III.....	N	\$ 3 600
<i>Total, Business Education.....</i>		<i>\$ 3 600</i>

Economics

Account Number 00-17-20-100

1. Evelyn L. Cunefare, 5687, Clerk-Stenographer III.....	N	\$ 3 690
2. Wanda L. Higgs, 7490, Clerk-Stenographer III.....	N	3 870
3. Dorothy M. Sullivan, 1514, Clerk-Stenographer III.....	N	4 050
4. ———, 8883, Clerk-Typist III.....	N	3 420
5. Helen Ann Godfrey, 1522, Secretary — Stenographic....	N	6 750
<i>Total, Economics</i>		<i>\$21 780</i>

Finance

Account Number 00-17-22-100

1. Mary P. Sudduth, 5801, Secretary — Stenographic.....	N	\$ 6 600
<i>Total, Finance</i>		<i>\$ 6 600</i>

Cooperative Investigations

STATE OF ILLINOIS DIVISION OF HIGHWAYS — IMPACT

ON URBAN REAL ESTATE

Account Number 47-17-22-341

1. Gudrun A. Beaman, 7988, Clerk-Typist II..... N50 \$ 1 800

Graduate School of Business Administration

Account Number 00-17-23-100

1. Mary T. Martin, 8379, Clerk-Stenographer III..... N \$ 4 050

Total, Graduate School of Business Administration.... \$ 4 050**Management**

Account Number 00-17-25-100

1. —————, 8310, Clerk-Stenographer I..... N \$ 2 880

2. Betty J. Turner, 1511, Clerk-Stenographer III..... N 3 660

Total, Management \$ 6 540**Marketing**

Account Number 00-17-30-100

1. Janice K. Hedrick, 8867, Clerk-Stenographer II..... N \$ 3 000

2. Helen S. McFarland, 1516, Secretary — Stenographic..... N 5 310

Total, Marketing \$ 8 310**Bureau of Economic and Business Research**

Account Number 00-17-35-300

1. Deloris J. Ricketts, 1525, Clerk-Stenographer II..... N \$ 3 420

2. Bernita A. Fruhling, 1526, Clerk-Typist II..... N 2 769

3. Bette O. Hulmes, 1523, Secretary — Stenographic..... N 5 220

Total, Bureau of Economic and Business Research..... \$11 400**Cooperative Investigations**

FORD FOUNDATION — CONSUMER SAVINGS

Account Number 44-17-35-327

1. Anne M. Grossmann, 8337, Clerk III..... H \$ 4 000

2. —————, 7645, Clerk-Stenographer II..... H 4 072

Total, Ford Foundation — Consumer Savings..... \$ 8 072**Bureau of Business Management**

Account Number 00-17-40-400

1. Paz B. Gardewine, 1530, Clerk-Stenographer II..... N \$ 3 000

2. Elsa L. Singbusch, 1528, Secretary — Stenographic..... N 5 700

Total, Bureau of Business Management..... \$ 8 700**Business Management Revolving**

Account Number 12-17-40-470

1. Suzanne T. Engbretson, 5904, Clerk-Typist I..... N50 \$ 1 440

Total, Business Management Revolving..... \$ 1 440**COLLEGE OF EDUCATION****Administration**

Account Number 00-20-01-100

1. Peggy D. Bruce, 9159, Credentials Analyst..... N \$ 4 260

2. Jeanette Bialeschki, 1534, Clerk-Typist III..... N 4 500

3. Margaret L. Ford, 1533, Clerk-Typist III..... N 4 500

4. Shirley A. Fryer, 1532, Clerk-Typist III..... N 4 020

5. Therese E. Jowasky, 9270, Secretary — Stenographic..... N 5 550

6. Betty A. Richards, 1531, Administrative Secretary —
Stenographic..... N 8 770*Total, Administration* \$31 600

Agricultural Education

Account Number 00-20-05-100

1. Judith P. Turner, 1535, Clerk-Typist III.....	N	\$ 3 960
<i>Total, Agricultural Education.....</i>		<i>\$ 3 960</i>

Education

Account Number 00-20-10-100

1. Barbara A. Bergan, 5615, Editorial Assistant.....	N50	\$ 2 000
2. Julia M. Snyder, 1536, Chief Clerk.....	N	6 750
3. Darlene K. Fruhling, 5523, Clerk-Typist I.....	N	3 000
4. Ruth A. Aden, 1543, Clerk-Typist II.....	N	3 120
5. Cleta A. Conerty, 6689, Clerk-Typist II.....	ZN50	1 620
(Total Salary)		(3 240)
6. Juanita M. Foster, 7222, Clerk-Typist II.....	N	3 540
7. Lynda K. Vaughn, 1546, Clerk-Typist II.....	N	2 760
8. Geraldine B. Evans, 1545, Clerk-Typist III.....	N50	2 130
9. Beverly J. McDonald, 7844, Clerk-Typist III.....	N	3 720
10. Marie F. McGee, 8483, Clerk-Typist III.....	N	3 900
11. Marijean R. Rickard, 1538, Clerk-Typist III.....	N	4 020
12. Evelyn L. Stewart, 6797, Clerk-Typist III.....	N	4 200
13. Nina C. Hamrick, 1540, Secretary — Transcribing.....	N	5 340
14. M. Aileen Wyninger, 1537, Secretary — Transcribing.....	ZN50	2 610
(Total Salary)		(5 220)
<i>Total, Education</i>		<i>\$48 710</i>

Cooperative InvestigationsGRADUATE NATIONAL DEFENSE EDUCATION ACT PROGRAM
IN EDUCATION

Account Number 41-20-10-157

1. Margaret E. Wilson, 8873, Clerk-Typist II.....	ZN50	\$ 1 440
(Total Salary)		(2 880)

U.S. OFFICE OF VOCATIONAL REHABILITATION G-5

Account Number 46-20-10-116

1. Cleta A. Conerty, 6689, Clerk-Typist II.....	ZN50	\$ 1 620
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U.S. OFFICE OF EDUCATION SAE-9299

Account Number 46-20-10-160

1. Mildred E. Goff, 9338, Clerk-Typist III.....	N	\$ 4 440
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U.S. OFFICE OF EDUCATION 2-10-072

Account Number 46-20-10-318

1. Genevieve R. Phillips, 9230, Clerk-Typist III.....	N50	\$ 2 100
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U.S. NATIONAL SCIENCE FOUNDATION G13906

Account Number 46-20-10-355

1. Linda L. Kink, 8845, Clerk-Typist I.....	N	\$ 3 120
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U.S. OFFICE OF EDUCATION 711145.01

Account Number 46-20-10-359

1. Stella M. Calle, 7987, Clerk-Typist III.....	N	\$ 4 260
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U.S. OFFICE OF EDUCATION 7-11-038.00

Account Number 46-20-10-360

1. Eileen A. Tobey, 8199, Clerk-Typist III.....	N50	\$ 1 920
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U.S. OFFICE OF VOCATIONAL REHABILITATION RD740

Account Number 46-20-20-362

1. Astrid H. Hall, 9269, Clerk-Typist III.....	N	\$ 4 200
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University Council on Teacher Education**Administration**

Account Number 00-20-25-100

1. Sandra K. Cheeseman, 1551, Clerk-Stenographer III.....	N	\$ 3 780
2. _____, 1550, Clerk-Typist III.....	N	3 300
3. Kazuko S. Shimooka, 1549, Secretary — Stenographic.....	N	7 170
<i>Total, Administration</i>		<i>\$14 250</i>

Placement and Follow-Up

Account Number 00-20-30-100

1. Mary F. Mauk, 1553, Administrative Clerk.....	N	\$ 8 400
2. Donna Jean Hoch, 6747, Clerk-Typist I.....	N	3 060
3. Beverly T. Mayhak, 1557, Clerk-Typist II.....	N	3 300
4. Marion J. Jung, 1556, Clerk-Typist III.....	N	4 020
5. Orlena M. Welch, 1554, Clerk-Typist III.....	N	4 110
6. Betty A. Everence, 1555, Secretary — Stenographic.....	N	5 070
<i>Total, Placement and Follow-Up.....</i>		<u>\$27 960</u>

University High School

Account Number 00-20-45-200

1. Lorene M. Bialeschki, 1560, Clerk-Typist II.....	N	\$ 3 150
2. Lydia E. Schroeder, 1561, Clerk-Typist II.....	N	3 270
3. C. Peggy Grove, 1559, Clerk-Typist III.....	H	3 060
(Nine months)		
4. Barbara F. Birkhimer, 1558, Secretary — Stenographic....	N	4 500
<i>Total, University High School.....</i>		<u>\$13 980</u>

Cooperative Investigations

CARNEGIE CORPORATION — COOPERATIVE PROGRAMS IN ARITHMETIC

Account Number 44-20-45-310

1. Teresa M. Hurliman, 9278, Clerk-Stenographer I.....	N	\$ 3 000
2. Marcie Foster, 7853, Clerk-Typist III.....	N	4 620
3. Karen L. Bluhm, 7620, Secretary — Stenographic.....	N50	2 800
<i>Total, Carnegie Corporation — Cooperative Programs in Arithmetic</i>		<u>\$10 420</u>

CARNEGIE CORPORATION — COOPERATIVE PROGRAMS IN MATHEMATICS

Account Number 44-20-45-312

1. Barbara A. Winnicki, 9489, Clerk-Typist II.....	N	\$ 3 000
2. Rose F. Vanerka, 9400, Clerk-Typist III.....	N	3 600
3. E. June Harris, 6723, Secretary — Transcribing.....	N	5 400
<i>Total, Carnegie Corporation — Cooperative Programs in Mathematics</i>		<u>\$12 000</u>

U.S. OFFICE OF EDUCATION 711151.01

Account Number 46-20-45-363

1. Julia H. Watson, 9413, Clerk-Stenographer III.....	ZN50	\$ 1 920
(Total Salary)		(3 840)
2. Margaret E. Wilson, 8873, Clerk-Typist II.....	ZN50	1 440
(Total Salary)		(2 880)
3. Roberta A. May, 6132, Clerk-Typist III.....	N	3 900
<i>Total, U.S. Office of Education 711151.01.....</i>		<u>\$ 7 260</u>

General Bureau of Educational Research

Account Number 00-20-50-300

1. Joyce F. Fasnacht, 1564, Clerk-Typist III.....	N	\$ 4 080
2. Nesbit R. Siems, 1563, Clerk-Typist III.....	N	3 810
3. Mary L. Stahlke, 1566, Clerk-Typist III.....	N	3 810
4. Ann V. Perkins, 1562, Secretary — Stenographic.....	N	5 700
<i>Total, Bureau of Educational Research — General.....</i>		<u>\$17 400</u>

INDIRECT COSTS — BUREAU OF EDUCATIONAL RESEARCH — GENERAL

Account Number 40-20-50-300

1. Mary B. DeLong, 9280, Clerk-Typist III.....	ZN50	\$ 1 950
(Total Salary)		(3 900)
<i>Total, Indirect Costs — Bureau of Educational Research — General</i>		<u>\$ 1 950</u>

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE M1839

Account Number 46-20-50-367

1. Mary B. DeLong, 9280, Clerk-Typist III.....	ZN50	\$ 1 950
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Office of Educational Testing

Account Number 00-20-60-400

1. Phyllis J. Boswell, 1571, Card Punch Operator II.....	N	\$ 3 180
2. _____, 1569, Card Punch Operator II.....	N	3 000
3. Lois M. Williamson, 1568, Secretary — Stenographic.....	N	6 710
<i>Total, Office of Educational Testing.....</i>		<u>\$12 890</u>

Educational Testing Revolving

Account Number 12-20-60-482

1. Ruth B. Rank, 1574, Clerk III.....	N	\$ 3 720
2. Arlene L. Schwartz, 1570, Clerk-Stenographer II.....	N	3 690
<i>Total, Educational Testing Revolving.....</i>		<u>\$ 7 410</u>

Institute for Research on Exceptional Children

Account Number 00-20-70-300

1. Lavena M. George, 1541, Clerk-Typist III.....	N	\$ 3 720
2. Marjorie J. Defries, 5319, Secretary — Stenographic.....	N	5 160
<i>Total, Institute for Research on Exceptional Children..</i>		<u>\$ 8 880</u>

Cooperative Investigations

U.S. OFFICE OF EDUCATION SAE 8204

Account Number 46-20-70-316

1. Barbara J. Gawthorp, 6449, Clerk-Typist II.....	N	\$ 3 420
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U.S. OFFICE OF EDUCATION SAE 8370

Account Number 46-20-70-360

1. _____, 7738, Clerk-Typist II.....	N	\$ 3 150
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U.S. OFFICE OF EDUCATION SAE 8969

Account Number 46-20-70-361

1. Martha L. Lovelace, 7951, Clerk-Typist II.....	N	\$ 3 600
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U.S. PUBLIC HEALTH SERVICE M3207

Account Number 46-20-70-364

1. Sharon B. Cook, 6472, Clerk-Typist III.....	N	\$ 3 630
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COLLEGE OF ENGINEERING**Administration****College**

Account Number 00-22-01-100

1. Hazel S. Ruffner, 1251, Clerk III.....	N	\$ 4 710
2. Ramona L. Huber, 1243, Chief Clerk.....	N	6 750
3. Harriet A. Brewer, 1250, Typing Clerk II.....	N	3 060
4. Donna J. Magers, 6874, Clerk-Typist I.....	N	2 730
5. Jane L. Uecker, 7156, Clerk-Typist II.....	N	2 730
6. Nancy M. Weatherbee, 1247, Clerk-Typist III.....	N	3 600
7. Pauline V. Chapman, 6450, Placement Officer.....	N	8 750
8. Theresa M. Rennier, 7449, Tabulating Machine Operator II	N	4 080
9. Verna L. Finder, 1244, Secretary — Stenographic.....	N	5 520
10. Darlene Richey, 1245, Secretary — Stenographic.....	N	4 800
11. Beulah M. Bevis, 1242, Administrative Secretary — Steno- graphic	N	8 800
<i>Total, Administration (College).....</i>		<u>\$55 530</u>

Station

Account Number 00-22-01-300

1. Beverly L. Coulter, 1249, Clerk-Typist III.....	N	\$ 3 750
2. David C. Hunter, 5218, Technical Draftsman-Illustrator II	N	8 550
3. Annabelle Compton, 1248, Secretary — Transcribing.....	N	6 460
4. Kathryn C. Jordan, 1246, Secretary — Transcribing.....	N	5 340
<i>Total, Administration (Station).....</i>		<u>\$24 100</u>

Aeronautical and Astronautical Engineering**College**

Account Number 00-22-05-100

1. Elaine Chenoweth, 7207, Clerk-Typist II.....	N	\$ 3 270
2. Lorraine G. Hunt, 1203, Clerk-Typist II.....	N	3 000
3. Raymond F. Brewer, 1261, Instrument Maker.....	N	8 158
4. Herbert E. Klage, 1260, Instrument Maker.....	N	8 158
5. Thomas M. O'Connor, 1258, Instrument Maker.....	N	8 158
6. Paul R. Tabaka, 1257, Instrument Maker.....	N	8 158
7. Vincent P. Oakes, 1259, Senior Laboratory Mechanic....	N	7 212
8. Dorothy E. Nugent, 1262, Secretary—Transcribing.....	N	5 490

*Total, Aeronautical and Astronautical Engineering**(College) \$51 604***Ceramic Engineering****College**

Account Number 00-22-10-100

1. Jane C. Kuyrkenhall, 7126, Clerk-Typist II.....	N	\$ 3 300
2. George W. Conlee, 1264, Potter.....	N	7 392
3. Dorothy B. Woods, 1266, Secretary—Stenographic.....	N	6 300
4. James R. Walsh, 1267, Storekeeper II.....	N	5 520

*Total, Ceramic Engineering (College)..... \$22 512***Indirect Costs—Ceramic Engineering**

Account Number 40-22-10-300

1. William E. Schaede, 1269, Ceramic Engineering Technician	ZN25	\$ 1 245
(Total Salary)		(4 980)
<i>Total, Indirect Costs—Ceramic Engineering.....</i>		<i>\$ 1 245</i>

Cooperative Investigations

GOODYEAR AIRCRAFT PO148037

Account Number 44-22-10-331

1. Marjorie A. Stortzum, 1270, Clerk-Stenographer II.....	ZN10	\$ 348
(Total Salary)		(3 480)

U.S. AIR FORCE 7978

Account Number 46-22-10-306

1. Marjorie A. Stortzum, 1270, Clerk-Stenographer II.....	ZN50	\$ 1 740
2. William E. Schaede, 1269, Ceramic Engineering Technician	ZN50	2 490
<i>Total, U.S. Air Force 7978.....</i>		<i>\$ 4 230</i>

U.S. AIR FORCE 7422

Account Number 46-22-10-313

1. Marjorie A. Stortzum, 1270, Clerk-Stenographer II.....	ZN40	\$ 1 392
2. William E. Schaede, 1269, Ceramic Engineering Technician	ZN25	1 245
<i>Total, U.S. Air Force 7422.....</i>		<i>\$ 2 637</i>

U.S. ATOMIC ENERGY COMMISSION 915

Account Number 46-22-10-315

1. Mary P. Creasey, 7051, Clerk-Stenographer II.....	ZN25	\$ 825
(Total Salary)		(3 300)

U.S. ARMY ORDNANCE 3467

Account Number 46-22-10-317

1. Mary P. Creasey, 7051, Clerk-Stenographer II.....	ZN25	\$ 825
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U.S. N.O.N.R. 183438

Account Number 46-22-10-354

1. Mary P. Creasey, 7051, Clerk-Stenographer II.....	ZN25	\$ 825
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U.S. NATIONAL SCIENCE FOUNDATION G14468

Account Number 46-22-10-356

1. Mary P. Creasey, 7051, Clerk-Stenographer II.....	ZN25	\$ 825
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Chemical Engineering**Station**

Account Number 00-22-15-300

1. Patsy S. Beard, 8006, Clerk-Stenographer II.....	ZN26	\$ 887
(Total Salary)		(3 420)
2. Marjorie L. Honn, 1271, Secretary—Stenographic.....	N	5 910
<i>Total, Chemical Engineering (Station).....</i>		<i>\$ 6 797</i>

Cooperative Investigations

AMERICAN CHEMICAL SOCIETY—STIRRED REACTOR

Account Number 44-22-15-303

1. Patsy S. Beard, 8006, Clerk-Stenographer II.....	ZN4	\$ 137
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AMERICAN CHEMICAL SOCIETY—PHASE CONTACTING

Account Number 44-22-15-305

1. Patsy S. Beard, 8006, Clerk-Stenographer II.....	ZN4	\$ 137
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U.S. ATOMIC ENERGY COMMISSION PROJECT 5

Account Number 46-22-15-308

1. Patsy S. Beard, 8006, Clerk-Stenographer II.....	ZN4	\$ 137
2. Walter W. Demlow, 1272, Senior Laboratory Mechanic...	ZN50	3 606
(Total Salary)		(7 212)
<i>Total, U.S. Atomic Energy Commission Project 5.....</i>		<i>\$ 3 743</i>

U.S. NATIONAL SCIENCE FOUNDATION G21834

Account Number 46-22-15-351

1. Patsy S. Beard, 8006, Clerk-Stenographer II.....	ZN4	\$ 137
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U.S. NATIONAL SCIENCE FOUNDATION G14788

Account Number 46-22-15-352

1. Patsy S. Beard, 8006, Clerk-Stenographer II.....	ZN4	\$ 138
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U.S. NATIONAL SCIENCE FOUNDATION G10164

Account Number 46-22-15-356

1. Patsy S. Beard, 8006, Clerk-Stenographer II.....	ZN4	\$ 137
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Civil Engineering**College**

Account Number 00-22-20-100

1. Richard E. Shipley, 7122, Equipment Attendant.....	N	\$ 4 860
2. Kathleen B. Kellogg, 6661, Clerk-Stenographer II.....	N	3 480
3. Mary A. Speck, 1296, Clerk-Stenographer II.....	ZN25	975
(Total Salary)		(3 900)
4. Joanne W. Jones, 5686, Clerk-Stenographer III.....	ZN25	1 095
(Total Salary)		(4 380)
5. ———, 8374, Clerk-Typist I.....	N	2 580
6. Carol L. Krukewitt, 1283, Clerk-Typist II.....	N	3 480
7. Beverly J. Frederick, 1282, Clerk-Typist III.....	N	4 800
8. Lou N. Haines, 1285, Clerk-Typist III.....	N	4 080
9. Anna L. Thompson, 7870, Clerk-Typist III.....	N	4 380
10. Beverly J. Walter, 1300, Clerk-Typist III.....	N	4 080
11. Doyne H. Proudfit, 1278, Secretary—Stenographic.....	N	7 200
<i>Total, Civil Engineering (College).....</i>		<i>\$41 010</i>

Station

Account Number 00-22-20-300

1. Elza E. Rice, 1279, Physical Science Technical Assistant..	N	\$ 6 240
2. Cathryn J. Johnson, 5124, Clerk-Typist II.....	N50	1 800
3. Hurshel R. Bryant, 1276, Instrument Maker.....	N	8 158
4. Owen H. Ray, 1275, Instrument Maker.....	N	8 158
5. Paul F. Douglas, 6105, Senior Laboratory Mechanic.....	N	7 212
6. N. Miles Norton, 1277, Senior Laboratory Mechanic.....	N	7 212
7. Dorothy J. Harris, 1281, Secretary—Stenographic.....	N	4 800
8. David F. Lange, 1274, Research Laboratory Shop Super- visor	N	8 340

9. Wayne I. Trowbridge, 7846, Traffic Control and Measurement Technician	ZN50	2 925
(Total Salary)		(5 850)
<i>Total, Civil Engineering (Station).....</i>		<u>\$54 845</u>

Civil Engineering Testing Revolving

Account Number 12-22-20-384

1. Kenneth T. Rominger, 8514, Junior Laboratory (Trainee) Mechanic	ZN50	\$ 2 718
(Total Salary)		(5 436)
<i>Total, Civil Engineering Testing Revolving.....</i>		<u>\$ 2 718</u>

Civil Engineering — United States Steel Welded Joints Revolving

Account Number 12-22-20-386

1. Tommy A. Percival, 7663, Duplicating Machine Operator III.....	ZN50	\$ 2 850
(Total Salary)		(5 700)
2. John R. Williams, 8444, Laboratory Welder I.....	N	6 400
<i>Total, Civil Engineering — United States Steel Welded Joints Revolving</i>		<u>\$ 9 250</u>

Cooperative Investigations

CATERPILLAR TRACTOR COMPANY — U-SHAPED MEMBERS

Account Number 44-22-20-310

1. Clara M. Meskimen, 1284, Clerk-Typist II.....	ZN50	\$ 1 650
(Total Salary)		(3 300)

ENGINEERING FOUNDATION — STRUCTURAL JOINTS

Account Number 44-22-20-322

1. Louis J. Mesker, 1293, Senior Laboratory Mechanic.....	ZN50	\$ 3 606
(Total Salary)		(7 212)
2. ———, 7390, Duplicating Machine Operator II.....	N50	1 500
<i>Total, Engineering Foundation — Structural Joints.....</i>		<u>\$ 5 106</u>

NATIONAL STEEL CORPORATION — N-A-XTRA JOINTS

Account Number 44-22-20-356

1. Virginia L. Rhoades, 7883, Clerk-Typist III.....	ZN50	\$ 2 040
(Total Salary)		(4 080)
2. Emmett E. Kirby, 5322, Senior Laboratory Mechanic.....	ZN50	3 606
(Total Salary)		(7 212)
<i>Total, National Steel Corporation — N-A-Xtra Joints...</i>		<u>\$ 5 646</u>

PORTLAND CEMENT ASSOCIATION — BEAM COLUMN CONNECTIONS

Account Number 44-22-20-367

1. Barbara N. Tatman, 7638, Clerk-Typist III.....	ZN50	\$ 2 040
(Total Salary)		(4 080)
2. William J. Bushouse, 8722, Electronics Technician II.....	N	5 400
<i>Total, Portland Cement Association — Beam Column Connections</i>		<u>\$ 7 440</u>

WELDING RESEARCH COUNCIL — WELDING PROCEDURE

Account Number 44-22-20-394

1. Emmett E. Kirby, 5322, Senior Laboratory Mechanic.....	ZN50	\$ 3 606
2. Tommy A. Percival, 7663, Duplicating Machine Operator III.....	ZN50	2 850
<i>Total, Welding Research Council — Welding Procedure</i>		<u>\$ 6 456</u>

U.S. AIR FORCE 4993

Account Number 46-22-20-302

1. Delbert E. McCulley, 1302, Laboratory Manager.....	ZN25	\$ 2 625
(Total Salary)		(10 500)

U.S. AIR FORCE 4302

Account Number 46-22-20-306

1. Patricia J. Kennedy, 7408, Clerk-Typist II.....	ZN50	\$ 1 575
(Total Salary)		(3 150)
2. Louis J. Mesker, 1293, Senior Laboratory Mechanic.....	ZN50	3 606
Total, U.S. Air Force 4302.....		\$ 5 181

U.S. AIR FORCE 2876

Account Number 46-22-20-307

1. Rena E. Runyan, 7845, Statistical Clerk.....	ZN50	\$ 1 890
(Total Salary)		(3 780)
2. Robert D. Metz, 1287, Instrument Maker.....	N	8 158
3. Wayne E. Jowasky, 5990, Electronics Technician II.....	N50	3 250
Total, U.S. Air Force 2876.....		\$13 298

U.S. BUREAU OF PUBLIC ROADS, DEPARTMENT OF COMMERCE —
FLEXURAL FATIGUE

Account Number 46-22-20-314

1. Irma J. Scheer, 7644, Clerk-Typist III.....	N	\$ 4 080
2. Walter Monical, 1294, Junior Laboratory Mechanic.....	N	6 266
3. Everett Crawford, 1290, Laboratory Welder II.....	N	7 000
Total, U.S. Bureau of Public Roads, Department of Commerce — Flexural Fatigue		\$17 346

U.S. AIR FORCE 2390

Account Number 46-22-20-319

1. Virginia L. Carr, 1288, Clerk-Typist III.....	ZN50	\$ 2 070
(Total Salary)		(4 140)

U.S. AIR FORCE 4508

Account Number 46-22-20-320

1. ———, 7206, Clerk-Stenographer II.....	N50	\$ 1 950
2. Clara M. Meskimen, 1284, Clerk-Typist II.....	ZN50	1 650
3. Virginia L. Rhoades, 7883, Clerk-Typist III.....	ZN50	2 040
Total, U.S. Air Force 4508.....		\$ 5 640

U.S. AIR FORCE 4578

Account Number 46-22-20-321

1. Wyck E. McKenzie, 1291, Junior Laboratory Mechanic....	ZN50	\$ 3 133
(Total Salary)		(6 266)
2. Donald F. Jensen, 8748, Duplicating Machine Operator III	ZN50	2 550
(Total Salary)		(5 100)
Total, U.S. Air Force 4578.....		\$ 5 683

U.S. AIR FORCE 296015007

Account Number 46-22-20-322

1. Donna L. Flessner, 8415, Clerk-Stenographer III.....	N50	\$ 2 040
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U.S. ARMY ENGINEERS 393

Account Number 46-22-20-338

1. Barbara N. Tatman, 7638, Clerk-Typist III.....	ZN50	\$ 2 040
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U.S. BUREAU OF YARDS AND DOCKS NBY 24976

Account Number 46-22-20-346

1. William H. Johnson, 9028, Assistant Laboratory Attendant	ZN50	\$ 1 800
(Total Salary)		(3 600)
2. Louis E. Klienmeyer, 9027, Storekeeper I.....	N	4 200
Total, U.S. Bureau of Yards and Docks NBY 24976.....		\$ 6 000

U.S. DEFENSE ATOMIC SUPPORT AGENCY 104

Account Number 46-22-20-348

1. Delbert E. McCulley, 1302, Laboratory Manager.....	ZN25	\$ 2 625
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U.S. NATIONAL SCIENCE FOUNDATION G10503

Account Number 46-22-20-354

1. ———, 8314, Clerk-Typist II.....	N50	\$ 1 260
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U.S. NATIONAL SCIENCE FOUNDATION G17723

Account Number 46-22-20-358

1. Rena E. Runyan, 7845, Statistical Clerk.....	ZN50	\$ 1 890
2. _____, 9361, Clerk-Typist III.....	N50	1 800
3. Delbert H. Laws, 5212, Senior Laboratory Mechanic.....	N	6 960
<i>Total, U.S. National Science Foundation G17723.....</i>		<u>\$10 650</u>

U.S. N.O.B.S. 65790

Account Number 46-22-20-360

1. William H. Johnson, 9028, Assistant Laboratory Attendant	ZN50	\$ 1 800
2. Mary E. Cox, 7321, Clerk-Typist II.....	ZN50	1 800
(Total Salary)		(3 600)
<i>Total, U.S. N.O.B.S. 65790.....</i>		<u>\$ 3 600</u>

U.S. N.O.B.S. 77008

Account Number 46-22-20-361

1. Virginia L. Carr, 1288, Clerk-Typist III.....	ZN50	\$ 2 070
2. Kenneth T. Rominger, 8514, Junior Laboratory Mechanic (Trainee).....	ZN50	2 718
<i>Total, U.S. N.O.B.S. 77008.....</i>		<u>\$ 4 788</u>

U.S. N.O.B.S. 77137

Account Number 46-22-20-362

1. Mary E. Cox, 7321, Clerk-Typist II.....	ZN50	\$ 1 800
2. Patricia J. Kennedy, 7408, Clerk-Typist II.....	ZN50	1 575
3. Delbert E. McCulley, 1302, Laboratory Manager.....	ZN25	2 625
4. Glenn E. Rymer, 1299, Senior Laboratory Mechanic.....	N	7 212
5. Harold H. Dalrymple, 6618, Electronics Technician II....	N50	3 500
<i>Total, U.S. N.O.B.S. 77137.....</i>		<u>\$16 712</u>

U.S. OFFICE OF NAVAL RESEARCH 1834-03

Account Number 46-22-20-369

1. Linda K. Bachert, 7531, Clerk-Stenographer I.....	N	\$ 3 240
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U.S. PUBLIC HEALTH SERVICE WP 17

Account Number 46-22-20-372

1. Wanda M. Olsen, 6167, Clerk-Typist III.....	ZN50	\$ 2 190
(Total Salary)		(3 285)

U.S. PUBLIC HEALTH SERVICE WP 18

Account Number 46-22-20-373

1. Wanda M. Olsen, 6167, Clerk-Typist III.....	ZN25	\$ 1 095
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STATE OF ILLINOIS DIVISION OF HIGHWAYS — HIGHWAY

MEDIANS

Account Number 47-22-20-336

1. Dorothy J. Burright, 6796, Clerk-Typist III.....	ZN50	\$ 2 040
(Total Salary)		(4 080)

STATE OF ILLINOIS DIVISION OF HIGHWAYS — HIGHWAY

PROBLEMS

Account Number 47-22-20-338

1. Joanne W. Jones, 5686, Clerk-Stenographer III.....	ZN75	\$ 3 285
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STATE OF ILLINOIS DIVISION OF HIGHWAYS — LIME

STABILIZATION

Account Number 47-22-20-348

1. Jo Ann Fillenwarth, 9456, Typing Clerk II.....	ZN25	\$ 690
(Total Salary)		(1 380)

STATE OF ILLINOIS DIVISION OF HIGHWAYS — PRESTRESSED

BRIDGES

Account Number 47-22-20-367

1. Delbert E. McCulley, 1302, Laboratory Manager.....	ZN25	\$ 2 625
2. Wyck E. McKenzie, 1291, Junior Laboratory Mechanic...	ZN50	3 133
<i>Total, State of Illinois Division of Highways — Pre- stressed Bridges</i>		<u>\$ 5 758</u>

STATE OF ILLINOIS DIVISION OF HIGHWAYS — SEAL COAT

SURFACE TREATMENT

Account Number 47-22-20-377

1. Jo Ann Fillenwarth, 9456, Typing Clerk II.....	ZN25	\$ 690
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STATE OF ILLINOIS DIVISION OF HIGHWAYS — SOIL AGGREGATE

Account Number 47-22-20-379

1. Dorothy J. Burright, 6796, Clerk-Typist III..... ZN50 \$ 2 040

STATE OF ILLINOIS DIVISION OF HIGHWAYS — SOIL MAPPING

Account Number 47-22-20-382

1. Mary A. Speck, 1296, Clerk-Stenographer II..... ZN75 \$ 2 925

STATE OF ILLINOIS DIVISION OF HIGHWAYS — VEHICULAR

SPEED REGULATION

Account Number 47-22-20-386

1. Judy K. Hodges, 7320, Clerk-Stenographer III..... ZN35 \$ 1 450
(Total Salary) (4 140)

STATE OF ILLINOIS DIVISION OF HIGHWAYS — WELDED

HIGHWAY STRUCTURES

Account Number 47-22-20-391

1. ———, 7643, Clerk-Typist III..... N \$ 3 300
2. Walter F. Wilsky, 1289, Senior Laboratory Mechanic..... N 7 212
3. Donald F. Jensen, 8748, Duplicating Machine Operator III ZN50 2 550
Total, State of Illinois Division of Highways — Welded Highway Structures \$13 062

Coordinated Science Laboratory

U.S. Army Signal Corps 85122

Account Number 46-22-22-310

1. Nancy L. Klein, 5475, Accountant I..... N \$ 5 280
2. Thomas E. Kingery, 8369, Electronics Engineering Assistant..... N50 3 600
3. Ernest H. Neff, 6646, Electronics Engineering Assistant.. N 8 400
4. ———, 7046, Electronics Engineering Assistant..... N 6 300
5. Nicholas Vassos, 1431, Electronics Engineering Assistant.. N 7 960
6. Earl E. Rumbaugh, 1423, Laboratory Program Administrative Assistant N 9 000
7. Neil T. Powers, 5462, Research Engineering Assistant.... N 8 220
8. ———, 7045, Research Engineering Assistant..... N 6 300
9. Robert E. Potter, 7761, Accounting Clerk I..... N 4 200
10. ———, 5501, Library Clerk II..... N 3 360
11. Dorothy E. Humes, 5280, Clerk-Stenographer III..... N 4 200
12. Patricia A. Lockhart, 1426, Clerk-Stenographer III..... N75 2 790
13. Bonnie L. Schulze, 4976, Clerk-Stenographer III..... N 4 380
14. Ina S. Werner, 5485, Clerk-Stenographer III..... N 4 380
15. Julia K. Berger, 5453, Clerk-Typist III..... N 4 560
16. Ruth M. Hardy, 1441, Clerk-Typist III..... N 4 800
17. Rosemary E. McDonald, 1425, Clerk-Typist III..... N 4 020
18. Aubrey F. Tewes, 8264, Engineering Draftsman I..... N 4 800
19. Robert F. MacFarlane, 5392, Engineering Draftsman II... N 7 920
20. ———, 8390, Glass Blower I (Trainee)..... N 3 900
21. Carl E. Kling, 7734, Glass Blower II..... ZN50 4 350
(Total Salary) (8 700)
22. Kenneth E. Merritt, 1434, Instrument Maker..... N 8 158
23. Robert L. Zackery, 1440, Instrument Maker..... N 8 158
24. John G. Burr, 8721, Junior Laboratory Mechanic..... N 6 266
25. William E. Beaulin, 7467, Senior Laboratory Mechanic... N 7 212
26. George A. Bouck, Jr., 8773, Senior Laboratory Mechanic.. N 7 212
27. Harley M. Tenbrook, 1439, Senior Laboratory Mechanic.. N 7 212
28. William T. Fillman, 5272, Photographer II..... N 5 460
29. Charles E. Drews, 1428, Storekeeper III..... N 5 880
30. Clayborn M. Lofton, 5233, Storekeeper III..... N 5 520
31. Grant W. Cooper, 8342, Electronics Technician I..... N 5 280
32. Herman Jordan, 6586, Electronics Technician I..... N 5 760
33. Gerald L. Roberts, 8638, Electronics Technician I..... N 5 220
34. Leslie P. Simpson, 8769, Electronics Technician I..... N 4 740

35. William A. Thrasher, 9352, Electronics Technician I (Trainee).....	N	3 192
36. Frederick G. Turpin, 8766, Electronics Technician I.....	N	4 860
37. James E. Bowers, 1433, Electronics Technician II.....	N	6 600
38. Estil N. Carter, 5306, Electronics Technician II.....	N	7 080
39. Thomas C. Casale, 8405, Electronics Technician II.....	N	6 000
40. Dale E. Coad, 1436, Electronics Technician II.....	N	6 660
41. George J. Crawford, 9114, Electronics Technician II.....	N	5 220
42. Donald R. Deschene, 5994, Electronics Technician II.....	N	6 300
43. Oral E. Gardner, 4917, Electronics Technician II.....	N	6 660
44. Leonard E. Hedges, 5455, Electronics Technician II.....	N	7 320
45. Fred O. Holy, 6334, Electronics Technician II.....	N	6 840
46. James H. Knoke, 5901, Electronics Technician II.....	N	7 320
47. William I. Lawrence, 5508, Electronics Technician II.....	N	6 480
48. Robert J. Namtvedt, 8903, Electronics Technician II.....	N	6 000
49. Thomas W. Popeney, 4896, Electronics Technician II.....	N	5 940
50. Wayne L. Schmidt, 5900, Electronics Technician II.....	N	5 520
51. Leo W. Streff, 1432, Electronics Technician II.....	N	6 840
52. ———, 8520, Electronics Technician II.....	N	5 600
<i>Total, Coordinated Science Laboratory.....</i>		<u>\$305 230</u>

Electrical Engineering

College

Account Number 00-22-25-100

1. John F. Bauerle, 7805, Biophysical Research Laboratory Assistant.....	N	\$ 7 700
2. Karl K. Bettinger, 1317, Physical Science Staff Assistant.....	N50	2 016
3. Martin P. Pembroke, 7354, Equipment Attendant.....	N	5 010
4. William E. Wagner, 5152, Equipment Attendant.....	N50	2 040
5. John C. Humphrey, 1320, Junior Laboratory Attendant.....	N	4 680
6. Charles G. Preston, 1318, Chief Clerk.....	N	6 180
7. Gloria E. Mitchell, 1327, Clerk-Stenographer I.....	N	2 940
8. Evelyn D. Kelly, 1325, Clerk-Stenographer II.....	N	3 690
9. Ruth E. Pembroke, 1322, Clerk-Stenographer II.....	N	3 600
10. ———, Clerk-Stenographer III.....	N	4 000
11. Helen L. Barrymore, 1326, Clerk-Typist II.....	N50	1 600
12. Erika Goetz, 1324, Clerk-Typist II.....	N	3 600
13. Corinne E. Ochwat, 1326, Clerk-Typist II.....	N50	1 800
14. G. H. Powers, 1307, Instrument Maker.....	N	8 158
15. Richard E. Smith, 1337, Instrument Maker.....	N	8 158
16. Louie E. Foley, 1316, Senior Laboratory Mechanic.....	N	7 212
17. James Pulliam, Jr., 1313, Senior Laboratory Mechanic.....	N	7 212
18. Hazel M. Crawford, 1323, Secretary — Stenographic.....	N	5 580
19. ———, Secretary — Stenographic.....	N	4 500
20. Marcia H. Peterman, 1321, Office Supervisor.....	N	7 800
21. Richard F. Gallivan, 7189, Electronics Technician II.....	ZN82	4 630
(Total Salary).....		(5 640)
22. David V. Meller, 1315, Electronics Technician II.....	N	5 460
23. Dale E. Ward, 8662, Instrument and Measurement Technician I.....	N	5 340
<i>Total, Electrical Engineering (College).....</i>		<u>\$112 906</u>

Station

Account Number 00-22-25-300

1. Byron L. Marshall, 1306, Research Engineering Assistant.....	N	\$ 8 450
2. Mary C. Keith, 1347, Accounting Clerk II.....	N	4 140
3. Nanita L. Patterson, 1343, Clerk-Stenographer II.....	N	3 120
4. Rosa L. Cornell, 1348, Clerk-Stenographer III.....	N	4 050
5. Sandra K. Schmid, 7130, Clerk-Typist II.....	ZN50	1 650
(Total Salary).....		(3 300)
6. Barbara L. Graff, 7131, Clerk-Typist III.....	N	3 420
7. George E. Morris, 3145, Engineering Draftsman I.....	N	5 160
8. Irven R. Franklin, 1310, Instrument Maker.....	N	8 158

9. Harold B. Lawler, 1305, Laboratory Manager.....	N.	11 100
10. James E. Hendershott, 1339, Storekeeper II.....	ZN50	2 520
(Total Salary)		(5 040)
11. Anthony F. Remesch, 1308, Electronics Technician I.....	N	4 440
Total, Electrical Engineering (Station).....		<u>\$56 208</u>

Stores—Electrical Engineering Replacement Overhead

Account Number 08-22-25-973

1. Joyce A. Richards, 1344, Typing Clerk II.....	ZN50	\$ 2 520
2. James E. Hendershott, 1339, Storekeeper II.....	ZN50	2 520
Total, Stores—Electrical Engineering Replacement Overhead		<u>\$ 5 040</u>

Indirect Costs—Electrical Engineering

Account Number 40-22-25-300

1. _____, 8368, Electronics Engineering Assistant.....	ZN50	\$ 3 200
(Total Salary)		(6 400)
2. John C. Hofer, 8808, Laboratory Program Administrative Assistant.....	ZN50	4 375
(Total Salary)		(8 750)
3. Judith H. Bivens, 8479, Clerk-Stenographer III.....	N	4 080
4. Bonnie S. Coatney, 8449, Clerk-Typist II.....	ZN50	1 650
(Total Salary)		(3 300)
5. Ronald W. Taylor, 7847, Duplicating Machine Operator III.....	N	4 740
6. Richard F. Gallivan, 7189, Electronics Technician II.....	ZN18	1 010
Total, Indirect Costs—Electrical Engineering.....		<u>\$19 055</u>

Cooperative Investigations

U.S. AIR FORCE 7473

Account Number 46-22-25-302

1. Patricia L. Shafer, 7350, Clerk-Typist II.....	ZN13	\$ 450
(Total Salary)		(3 600)
2. James O. Austin, Jr., 8665, Electronics Engineer.....	ZN50	2 062
(Total Salary)		(8 250)
3. Paul D. Goldan, 7954, Electronics Engineer.....	N	8 150
4. Robert A. Kawcyn, 7764, Electronics Engineer.....	ZN25	2 150
(Total Salary)		(8 600)
5. Keith A. Kuehl, 8590, Glassblower I (Trainee).....	ZN25	960
(Total Salary)		(3 840)
6. Merrill B. Watson, 7913, Glass Blower I.....	ZN50	3 600
(Total Salary)		(7 200)
7. _____, 7427, Glass Blower II.....	N	8 550
Total, U.S. Air Force 7473.....		<u>\$25 922</u>

U.S. AIR FORCE 417

Account Number 46-22-25-305

1. Judy S. Levin, 8402, Clerk-Typist II.....	ZN25	\$ 690
(Total Salary)		(2 760)
2. Gerry D. Welton, 8125, Technical Draftsman-Illustrator II.....	ZN25	1 425
(Total Salary)		(5 700)
3. Edward D. Boose, 1314, Electronic and Chemical Treatment Technician	ZN25	1 825
(Total Salary)		(7 300)
4. _____, 5903, Electronics Technician I.....	N50	2 235
Total, U.S. Air Force 417.....		<u>\$ 6 175</u>

U.S. AIR FORCE 62 126

Account Number 46-22-25-306

1. Arlene Y. Albert, 7038, Assistant to Editor.....	ZN25	\$ 1 350
(Total Salary)		(5 400)
2. Sharon G. Scharbert, 7713, Clerk-Stenographer III.....	ZN25	960
(Total Salary)		(3 840)
Total, U.S. Air Force 62 126.....		<u>\$ 2 310</u>

U.S. AIR FORCE 763

Account Number 46-22-25-307

1. Lloyd C. Schneidt, 8229, Storekeeper I.....	ZN12	\$ 567
(Total Salary)		(4 540)

U.S. AIR FORCE 5565

Account Number 46-22-25-310

1. Carl M. Boley, 1328, Research Engineering Assistant.....	ZN33	\$ 2 816
(Total Salary)		(8 450)
2. Arthur E. Monson, 1309, Senior Laboratory Mechanic....	ZN75	5 409
(Total Salary)		(7 212)
Total, U.S. Air Force 5565.....		\$ 8 225

U.S. AIR FORCE 7043

Account Number 46-22-25-312

1. A. B. Wilson, 1338, Electronics Engineering Assistant....	ZN67	\$ 5 270
(Total Salary)		(7 900)
2. Sandra K. Hogan, 7829, Typing Clerk I.....	ZN50	1 320
(Total Salary)		(2 640)
3. Helen M. Mackey, 8758, Typing Clerk I.....	ZN25	810
(Total Salary)		(3 240)
4. Patricia L. Shafer, 7350, Clerk-Typist II.....	ZN40	1 440
5. Harvey B. Wright, 8220, Engineering Draftsman I.....	ZN33	1 909
(Total Salary)		(5 700)
6. J. F. Lowe, 1336, Instrument Maker.....	ZN40	3 264
(Total Salary)		(8 158)
7. Thomas A. Newkirk, 5238, Electronics Technician II....	ZN40	2 680
(Total Salary)		(6 700)
Total, U.S. Air Force 7043.....		\$16 684

U.S. AIR FORCE 2456

Account Number 46-22-25-313

1. J. F. Lowe, 1336, Instrument Maker.....	ZN5	\$ 408
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U.S. AIR FORCE 3481

Account Number 46-22-25-315

1. Edward D. Boose, 1314, Electronic and Chemical Treatment Technician	ZN50	\$ 3 650
2. A. B. Wilson, 1338, Electronics Engineering Assistant...	ZN33	2 630
Total, U.S. Air Force 3481.....		\$ 6 280

U.S. AIR FORCE 7473

Account Number 46-22-25-302

1. _____, 8368, Electronics Engineering Assistant...	ZN25	\$ 1 600
2. Merrill B. Watson, 7913, Glass Blower I.....	ZN25	1 800
Total, U.S. Air Force 7473.....		\$ 3 400

U.S. AIR FORCE O.S.R. 62 250

Account Number 46-22-25-324

1. Arthur E. Monson, 1309, Senior Laboratory Mechanic...	ZN25	\$ 1 803
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U.S. AIR FORCE 8460

Account Number 46-22-25-325

1. Preston L. Ransom, 9444, Electronics Engineering Assistant	ZN50	\$ 2 880
(Total Salary)		(5 760)
2. Bela Sandorfi, 8212, Technical Draftsman-Illustrator I..	ZN25	1 215
(Total Salary)		(4 860)
3. Lewis H. Claybaugh, 1311, Instrument Maker.....	ZN50	4 079
(Total Salary)		(8 158)
4. D. D. Pritchard, 1340, Storekeeper III.....	ZN50	2 940
(Total Salary)		(5 880)
5. Edward D. Boose, 1314, Electronic and Chemical Treatment Technician	ZN25	1 825
6. Medford D. Johnson, 8770, Electronics Technician II....	ZN50	2 655
(Total Salary)		(5 310)
Total, U.S. Air Force 8460.....		\$15 594

U.S. ARMY SIGNAL CORPS 87232

Account Number 46-22-25-327

1. Bonnie S. Coatney, 8449, Clerk-Typist II.....	ZN25	\$ 825
2. Patricia L. Shafer, 7350, Clerk-Typist II.....	ZN12	445
3. James O. Austin, Jr., 8665, Electronics Engineer.....	ZN25	2 063
4. Leroy L. Dreyer, 7705, Electronics Engineer.....	ZN75	6 425
(Total Salary)		(8 550)
5. Keith A. Kuehl, 8590, Glassblower I (Trainee).....	ZN25	960
<i>Total, U.S. Army Signal Corps 87232.</i>		<u>\$10 718</u>

U.S. ARMY SIGNAL CORPS 87264

Account Number 46-22-25-329

1. William C. McClurg, 8889, Electronics Engineering As- sistant	ZN50	\$ 3 150
(Total Salary)		(6 300)
2. Helen M. Mackey, 8758, Typing Clerk I.....	ZN25	810
3. Patricia J. Saldeen, 8163, Clerk-Stenographer II.....	ZN15	495
(Total Salary)		(3 300)
4. Craig R. Allen, 8627, Electronics Engineer.....	ZN20	1 640
(Total Salary)		(8 200)
5. Arthur F. L. Rocke, 8809, Electronics Engineer.....	ZN10	1 020
(Total Salary)		(10 200)
6. D. D. Pritchard, 1340, Storekeeper III.....	ZN25	1 470
7. Virgil P. Rash, 8312, Electronics Technician II.....	N75	4 270
<i>Total, U.S. Army Signal Corps 87264.</i>		<u>\$12 855</u>

U.S. AIR FORCE — ANTENNA TECHNIQUES

Account Number 46-22-25-330

1. Arlene Y. Albert, 7038, Assistant to Editor.....	ZN25	\$ 1 350
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U.S. AIR FORCE 2650

Account Number 46-22-25-331

1. Bonnie S. Coatney, 8449, Clerk-Typist II.....	ZN25	\$ 825
2. Harvey B. Wright, 8220, Engineering Draftsman I.....	ZN34	1 900
3. James O. Austin, Jr., 8665, Electronics Engineer.....	ZN25	2 063
4. Robert A. Kawcyn, 7764, Electronics Engineer.....	ZN50	4 300
<i>Total, U.S. Air Force 2650.</i>		<u>\$ 9 088</u>

U. S. ARMY SIGNAL CORPS 85173

Account Number 46-22-25-332

1. Walter W. Wood, 8081, Technical Services Supervisor..	ZN25	\$ 2 775
(Total Salary)		(11 100)

U.S. ARMY SIGNAL CORPS 78313

Account Number 46-22-25-333

1. _____, 8368, Electronics Engineering Assistant....	ZN25	\$ 1 600
2. Patricia L. Shafer, 7350, Clerk-Typist II.....	ZN25	900
3. James O. Austin, Jr., 8665, Electronics Engineer.....	ZN25	2 062
4. Leroy L. Dreyer, 7705, Electronics Engineer.....	ZN25	2 125
5. Robert A. Kawcyn, 7764, Electronics Engineer.....	ZN25	2 150
6. Merrill B. Watson, 7913, Glassblower I.....	ZN25	1 800
7. Lloyd C. Schneidt, 8229, Storekeeper I.....	ZN25	1 135
<i>Total, U.S. Army Signal Corps 78313.</i>		<u>\$11 772</u>

U.S. AIR FORCE O.S.R. 62 287

Account Number 46-22-25-335

1. Patricia L. Shafer, 7350, Clerk-Typist II.....	ZN10	\$ 365
2. J. F. Lowe, 1336, Instrument Maker.....	ZN10	815
3. Thomas A. Newkirk, 5238, Electronics Technician II....	ZN10	658
<i>Total, U.S. Air Force O.S.R. 62 287.</i>		<u>\$ 1 838</u>

U.S. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NATIONAL SCIENCE GRANT 195 62

Account Number 46-22-25-339

1. Wesley P. Bauerle, 7657, Electronics Engineering Assistant	ZN25	\$ 1 775
(Total Salary)		(7 100)

2. Sarah L. Robinson, 9392, Assistant Laboratory Attendant	N	3 480
3. Edwin R. Jackson, 5262, Animal Caretaker.....	ZN25	1 380
(Total Salary)		(5 520)
4. Sallie B. Cashon, 8340, Histology Technologist.....	ZN50	2 760
(Total Salary)		(5 520)
5. _____, 9445, Histology Technologist.....	N	4 400
6. Melva F. Ponton, 9465, Editorial Writer.....	N	4 500
<i>Total, U.S. National Aeronautics and Space Administration National Science Grant 195 62.....</i>		<u>\$18 295</u>

U.S. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NATIONAL SCIENCE GRANT 24 59

Account Number 46-22-25-340

1. Sharon G. Scharbert, 7713, Clerk-Stenographer III.....	ZN75	\$ 2 880
2. Sandra K. Schmid, 7130, Clerk-Typist II.....	ZN25	825
3. Bernard J. Flaherty, 9466, Electronics Engineer.....	ZN67	4 623
(Total Salary)		(6 900)
4. Wayne E. Weingarten, 9416, Electronics Engineer.....	N	6 900
5. Donald L. Mounts, 9419, Electronics Technician II.....	N	5 100
<i>Total, U.S. National Aeronautics and Space Administration National Science Grant 24 59.....</i>		<u>\$20 328</u>

U.S. NATIONAL SCIENCE FOUNDATION G21070

Account Number 46-22-25-343

1. Bernard J. Flaherty, 9466, Electronics Engineer.....	ZN33	\$ 2 277
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U.S. NATIONAL SCIENCE FOUNDATION G10885

Account Number 46-22-25-347

1. Edwin R. Jackson, 5262, Animal Caretaker.....	ZN25	\$ 1 380
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U.S. NATIONAL SCIENCE FOUNDATION G7421

Account Number 46-22-25-349

1. Faye J. Keener, 7159, Clerk-Stenographer III.....	ZN50	\$ 2 400
(Total Salary)		(4 800)
2. Rosalie P. Eggleton, 8375, Clerk-Typist III.....	H	4 176
<i>Total, U.S. National Science Foundation G7421.....</i>		<u>\$ 6 576</u>

U.S. NATIONAL SCIENCE FOUNDATION G17414

Account Number 46-22-25-350

1. Helen M. Mackey, 8758, Typing Clerk I.....	ZN25	\$ 810
2. George W. Zopf, Jr., 8023, Electronics Engineer.....	N	7 400
<i>Total, U.S. National Science Foundation G17414.....</i>		<u>\$ 8 210</u>

U.S. NATIONAL SCIENCE FOUNDATION G19005

Account Number 46-22-25-351

1. J. F. Lowe, 1336, Instrument Maker.....	ZN45	\$ 3 671
2. Thomas A. Newkirk, 5238, Electronics Technician II....	ZN50	3 362
<i>Total, U.S. National Science Foundation G19005.....</i>		<u>\$ 7 033</u>

U.S. NATIONAL SCIENCE FOUNDATION G19776

Account Number 46-22-25-355

1. Judy S. Levin, 8402, Clerk-Typist II.....	ZN50	\$ 1 380
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U.S. N.O.B.S. 64723

Account Number 46-22-25-357

1. Stanley D. Bengtson, 8285, Electronics Engineering Assistant	N	\$ 6 650
2. William C. McClurg, 8889, Electronics Engineering Assistant	ZN50	3 150
3. John C. Hofer, 8808, Laboratory Program Administrative Assistant	ZN37	3 280
4. Carl M. Boley, 1328, Research Engineering Assistant.....	ZN33	2 817
5. Arlene Y. Albert, 7038, Assistant to Editor.....	ZN25	1 350
6. Richard F. Ripper, 1342, Chief Clerk.....	ZN73	5 110
(Total Salary)		(7 000)
7. Rodolfo R. Ortiz, 8895, Engineering Draftsman I.....	N	4 980

8. Theodore O. Gibson, 6574, Electronics Technician II.....	ZN50	3 000
(Total Salary)		(6 000)
9. Patricia J. Saldeen, 8163, Clerk-Stenographer II.....	ZN30	990
10. Donald S. Charlton, 8111, Draftsman.....	ZN37	1 680
(Total Salary)		(3 360)
11. Harvey B. Wright, 8220, Engineering Draftsman I.....	ZN33	1 900
12. Craig R. Allen, 8627, Electronics Engineer.....	ZN50	4 100
13. Arthur F. L. Rocke, 8809, Electronics Engineer.....	ZN60	6 120
14. Lloyd C. Schneidt, 8229, Storekeeper I.....	ZN25	1 135
15. Frank Luksander, 6927, Electronics Technician I.....	N	5 660
16. Robert M. Work, 9258, Electronics Technician II.....	N	5 500
17. Larry R. Jones, 9378, Maintenance Worker.....	ZN50	2 340
(Total Salary)		(4 680)
Total, U.S. N.O.B.S. 64723.....		\$59 762

U.S. N.O.B.S. R85243

Account Number 46-22-25-358

1. Preston L. Ransom, 9444, Electronics Engineering As-		
sistant	ZN50	\$ 2 880
2. Patricia J. Saldeen, 8163, Clerk-Stenographer II.....	ZN25	825
3. Gerry D. Welton, 8125, Technical Draftsman-Illustrator II	ZN50	2 850
4. Fred R. Ore, 9221, Antenna Systems Engineer.....	N	10 000
5. Edward Hudock, 9222, Electronics Engineer.....	N75	7 425
6. Arthur F. L. Rocke, 8809, Electronics Engineer.....	ZN15	1 530
7. Medford D. Johnson, 8770, Electronics Technician II....	ZN50	2 655
Total, U.S. N.O.B.S. R85243.....		\$28 165

U.S. OFFICE OF NAVAL RESEARCH 183402

Account Number 46-22-25-378

1. John C. Hofer, 8808, Laboratory Program Administra-		
tive Assistant	ZN13	\$ 1 095
2. Carl M. Boley, 1328, Research Engineering Assistant....	ZN33	2 817
3. Arlene Y. Albert, 7038, Assistant to Editor.....	ZN25	1 350
4. Helen M. Mackey, 8758, Typing Clerk I.....	ZN25	810
5. Patricia J. Saldeen, 8163, Clerk-Stenographer II.....	ZN30	990
6. Donald S. Charlton, 8111, Draftsman.....	ZN38	1 680
7. Bela Sandorfi, 8212, Technical Draftsman-Illustrator I...	ZN50	2 430
8. Craig R. Allen, 8627, Electronics Engineer.....	ZN30	2 460
9. Arthur F. L. Rocke, 8809, Electronics Engineer.....	ZN15	1 530
10. Lewis H. Claybaugh, 1311, Instrument Maker.....	ZN50	4 079
11. D. D. Pritchard, 1340, Storekeeper III.....	ZN25	1 470
12. Walter W. Wood, 8081, Technical Services Supervisor....	ZN75	8 325
13. Theodore O. Gibson, 6574, Electronics Technician II....	ZN50	3 000
14. Larry R. Jones, 9378, Maintenance Worker.....	ZN50	2 340
Total, U.S. Office of Naval Research 183402.....		\$34 376

U.S. OFFICE OF NAVAL RESEARCH 183417

Account Number 46-22-25-380

1. Sandra K. Hogan, 7829, Typing Clerk I.....	ZN50	\$ 1 320
2. Judy S. Levin, 8402, Clerk-Typist II.....	ZN25	690
3. Sandra K. Schmid, 7130, Clerk-Typist II.....	ZN25	825
4. Keith A. Kuehl, 8590, Glassblower I (Trainee).....	ZN50	1 920
Total, U.S. Office of Naval Research 183417.....		\$ 4 755

U.S. OFFICE OF NAVAL RESEARCH 183420

Account Number 46-22-25-381

1. Faye J. Keener, 7159, Clerk-Stenographer III.....	ZN25	\$ 1 200
2. Lloyd C. Schneidt, 8229, Storekeeper I.....	ZN12	567
Total, U.S. Office of Naval Research 183420.....		\$ 1 767

U.S. OFFICE OF NAVAL RESEARCH 183429

Account Number 46-22-25-383

1. Lloyd C. Schneidt, 8229, Storekeeper I.....	ZN13	\$ 568
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U.S. PUBLIC HEALTH SERVICE B3344

Account Number 46-22-25-387

1. Wesley P. Bauerle, 7657, Electronics Engineering Assistant	ZN25	\$ 1 775
2. Walter A. Kurasek, 9237, Engineering Draftsman II....	ZN34	2 267
(Total Salary)		(6 800)
<i>Total, U.S. Public Health Service B3344.....</i>		<i>\$ 4 042</i>

U.S. PUBLIC HEALTH SERVICE B1017

Account Number 46-22-25-388

1. Robert F. Noyes, 7538, Biophysical Research Laboratory Assistant.....	ZN13	\$ 1 122
(Total Salary)		(8 550)
2. Wesley P. Bauerle, 7657, Electronics Engineering Assistant	ZN25	1 775
3. Edwin R. Jackson, 5262, Animal Caretaker	ZN50	2 760
4. Faye J. Keener, 7159, Clerk-Stenographer III.....	ZN25	1 200
5. Walter A. Kurasek, 9237, Engineering Draftsman II....	ZN33	2 266
6. Bela Sandorfi, 8212, Technical Draftsman-Illustrator I..	ZN25	1 215
7. Melvina R. Malek, 7762, Biophysical Research Nurse....	ZN50	3 150
(Total Salary)		(6 300)
8. Joseph W. Pankau, 8258, Biophysical Research Nurse...	ZN50	3 050
(Total Salary)		(6 100)
9. Lloyd C. Schneidt, 8229, Storekeeper I.....	ZN13	568
10. Stuart Yoos, Jr., 7023, Electronics Technician II.....	N	5 300
<i>Total, U.S. Public Health Service B1017.....</i>		<i>\$22 406</i>

U.S. PUBLIC HEALTH SERVICE B1567

Account Number 46-22-25-390

1. Wesley P. Bauerle, 7657, Electronics Engineering Assistant	ZN25	\$ 1 775
2. Walter A. Kurasek, 9237, Engineering Draftsman II....	ZN33	2 267
3. Melvina R. Malek, 7762, Biophysical Research Nurse....	ZN50	3 150
4. Joseph W. Pankau, 8258, Biophysical Research Nurse...	ZN50	3 050
5. Sallie B. Cashon, 8340, Histology Technologist.....	ZN50	2 760
<i>Total, U.S. Public Health Service B1567.....</i>		<i>\$13 002</i>

U.S. PUBLIC HEALTH SERVICE C4044

Account Number 46-22-25-391

1. Gerry D. Welton, 8125, Technical Draftsman-Illustrator II	ZN25	\$ 1 425
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Ultrasound in Biology

Account Number 00-22-26-300

1. Robert F. Noyes, 7538, Biophysical Research Laboratory Assistant	ZN87	\$ 7 428
(Total Salary)		(8 550)
<i>Total, Ultrasound in Biology.....</i>		<i>\$ 7 428</i>

General Engineering**College**

Account Number 00-22-30-100

1. Sandra K. Shafer, 7633, Clerk-Typist II.....	N	\$ 3 240
2. Marilena M. Stone, 9463, Clerk-Typist III.....	N50	1 815
3. Virginia A. Ziegler, 6794, Clerk-Typist III.....	N	3 840
4. Imogene J. Reeves, 1349, Secretary — Transcribing....	N	5 790
<i>Total, General Engineering (College).....</i>		<i>\$14 685</i>

Highway Traffic Safety Center

Account Number 00-22-32-300

1. Judy K. Hodges, 7320, Clerk-Stenographer III.....	ZN50	\$(2 070)
(Total Salary)		(4 140)
<i>Total, Highway Traffic Safety Center.....</i>		<i>\$ 2 070</i>

Measurement Program

Account Number 00-22-35-300

1. Betty L. Frederick, 1256, Clerk-Stenographer III.....	N	\$ 4 650
2. Billy B. McNeill, 6122, Instrument and Measurement Technician I	N	5 760
3. Glen H. Lafenhagen, 1253, Instrument and Measurement Technician II	N	7 530
4. Chester M. Richman, 1254, Instrument and Measurement Technician II	N	7 530
5. _____, 1312, Instrument and Measurement Technician II	N	7 320
<i>Total, Measurement Program.....</i>		<u>\$32 790</u>

Instrument Service

Account Number 09-22-35-942

1. Glenn R. Keown, 7378, Operations Clerk.....	N	\$ 5 310
2. Lyla L. Schmall, 7040, Operations Clerk.....	N	4 200
3. Lenore F. Drennan, 6362, Typing Clerk II.....	N	3 300
4. Richard L. Cunningham, 6926, Instrument and Measurement Technician I.....	N	5 250
5. Ronald F. Miller, 8599, Instrument and Measurement Technician I	N	4 440
6. Oskar F. Richter, 5913, Instrument and Measurement Technician I	N	5 250
<i>Total, Instrument Service.....</i>		<u>\$27 750</u>

Mechanical and Industrial Engineering**College**

Account Number 00-22-40-100

1. Harold F. Schultz, 7362, Equipment Attendant.....	N	\$ 4 770
2. Leanna Heathman, 0491, Clerk-Typist II.....	N	3 060
3. Patricia S. Potts, 1366, Clerk-Typist II.....	N	3 060
4. Mildred A. Potts, 1365, Clerk-Typist III.....	N	4 350
5. Burl A. Manuel, 1355, Instrument Maker.....	N	8 158
6. W. H. Smith, 1350, Instrument Maker.....	N	8 158
7. G. F. Miller, 1360, Junior Laboratory Mechanic.....	N	6 266
8. Martin Steidner, 1369, Junior Laboratory Mechanic.....	ZN50	3 133
(Total Salary)		(6 266)
9. Warren R. Gordon, 1359, Senior Laboratory Mechanic...	N	7 212
10. M. W. Hoag, 1351, Senior Laboratory Mechanic.....	N	7 212
11. Harold A. Lovenguth, 8053, Senior Laboratory Mechanic	N	7 212
12. William D. Morfey, 7486, Senior Laboratory Mechanic..	N	7 212
13. Harry N. Newman, 1356, Senior Laboratory Mechanic...	N	7 212
14. Norman G. Donze, 1353, Senior Foundry Molder.....	N	7 392
15. Opal F. Lumsden, 1357, Secretary — Transcribing.....	N	5 520
16. M. F. Sadorus, 1362, Storekeeper II.....	N	5 520
<i>Total, Mechanical and Industrial Engineering (College)</i>		<u>\$95 447</u>

Station

Account Number 00-22-40-300

1. Helen McDonnell, 1364, Clerk-Typist III.....	ZN60	\$ 2 392
(Total Salary)		(3 990)
2. Margaret E. Walden, 1363, Clerk-Typist III.....	N	3 840
3. Lawrence W. Hirschler, 5269, Instrument Maker.....	N	8 158
4. David L. Laker, 6787, Junior Laboratory Mechanic.....	N	6 266
5. Allen F. Stephens, 1352, Senior Laboratory Mechanic....	N	7 212
<i>Total, Mechanical and Industrial Engineering (Station)</i>		<u>\$27 868</u>

Cooperative InvestigationsINSTITUTE OF BOILER AND RADIATOR MANUFACTURERS —
STEAM AND WATER HEAT

Account Number 44-22-40-342

1. Ruth C. Gartner, 9423, Clerk-Stenographer II.....	N50	\$ 1 830
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2. William J. Graham, Jr., 7748, Instrument and Measurement Technician I.....	N	\$ 5 400
<i>Total, Institute of Boiler and Radiator Manufacturers — Steam and Water Heat.....</i>		<i>\$ 7 230</i>

NATIONAL WARM AIR HEATING — FURNACES

Account Number 44-22-40-356

1. Martin Steidner, 1369, Junior Laboratory Mechanic.....	ZN50	\$ 3 133
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U.S. AIR FORCE 909

Account Number 46-22-40-308

1. Theresa M. Vanthyne, 1367, Clerk-Stenographer II.....	ZN50	\$ 1 800
(Total Salary)		(3 600)
2. Hilmar Dieme, 9279, Junior Mechanical Engineer.....	ZN25	2 000
(Total Salary)		(8 000)
3. Donald D. Dodson, 9293, Junior Laboratory Mechanic...	ZN20	1 253
(Total Salary)		(6 266)
<i>Total, U.S. Air Force 909.....</i>		<i>\$ 5 053</i>

U.S. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NATIONAL SCIENCE GRANT 13-59

Account Number 46-22-40-355

1. Rolland H. Crawford, 8554, Junior Laboratory Mechanic N		\$ 6 266
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U.S. NATIONAL SCIENCE FOUNDATION G19926

Account Number 46-22-40-356

1. Hilmar Dieme, 9279, Junior Mechanical Engineer.....	ZN50	\$ 4 000
2. Donald D. Dodson, 9293, Junior Laboratory Mechanic...	N80	5 013
<i>Total, U.S. National Science Foundation G19926.....</i>		<i>\$ 9 013</i>

U.S. NATIONAL SCIENCE FOUNDATION G9725

Account Number 46-22-40-357

1. Theresa M. Vanthyne, 1367, Clerk-Stenographer II.....	ZN25	\$ 900
2. Robert H. Werkman, 8767, Junior Laboratory Mechanic..	ZN50	3 133
(Total Salary)		(6 266)
<i>Total, U.S. National Science Foundation G9725.....</i>		<i>\$ 4 033</i>

U.S. PRINCETON NAVY SUBCONTRACTOR PROJECT SQUID

Account Number 46-22-40-364

1. Theresa M. Vanthync, 1367, Clerk-Stenographer II.....	ZN25	\$ 900
2. Hilmar Dieme, 9279, Junior Mechanical Engineer.....	ZN25	2 000
3. Robert H. Werkman, 8767, Junior Laboratory Mechanic..	ZN50	3 133
<i>Total, U.S. Princeton Navy Subcontractor Project Squid</i>		<i>\$ 6 033</i>

Mining, Metallurgy, and Petroleum Engineering

College

Account Number 00-22-50-100

1. Paul F. Mortensen, 8113, Physical Science Staff Assistant	N50	\$ 1 950
2. Clifford D. Howell, 1374, Senior Laboratory Mechanic..	N	7 212
3. H. W. Kruse, 1372, Senior Laboratory Mechanic.....	N	7 212
4. Hazel Allen, 1371, Secretary — Stenographic.....	N	6 360
<i>Total, Mining, Metallurgy, and Petroleum Engineering (College)</i>		<i>\$22 734</i>

Station

Account Number 00-22-50-300

1. June L. Willman, 7981, Clerk-Typist III.....	N	\$ 3 720
2. Robert D. McNely, 1375, Junior Laboratory Mechanic....	N	6 266
3. Frank R. O'Connor, 1373, Senior Laboratory Mechanic..	N	7 212
<i>Total, Mining, Metallurgy, and Petroleum Engineering (Station).....</i>		<i>\$17 198</i>

Indirect Costs — Mining, Metallurgy, and Petroleum Engineering

Account Number 40-22-50-300

1. Peggy R. Johnson, 8893, Clerk-Typist III.....	ZN50	\$ 1 860
(Total Salary)		(3 720)

<i>Total, Indirect Costs — Mining, Metallurgy, and Petroleum Engineering</i>		\$ 1 860
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Cooperative Investigations

U.S. AIR FORCE 819

Account Number 46-22-50-303

1. Peggy R. Johnson, 8893, Clerk-Typist III.....	ZN25	\$ 930
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U.S. AIR FORCE 420

Account Number 46-22-50-309

1. Charles W. DeVore, 6705, Senior Laboratory Mechanic..	ZN25	\$ 1 802
(Total Salary)		(7 212)

U.S. ATOMIC ENERGY COMMISSION PROJECT 15

Account Number 46-22-50-322

1. Peggy R. Johnson, 8893, Clerk-Typist III.....	ZN25	\$ 930
2. Charles W. DeVore, 6705, Senior Laboratory Mechanic..	ZN25	1 802

<i>Total, U.S. Atomic Energy Commission Project 15.....</i>		<i>\$ 2 732</i>
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U.S. ARMY ORDNANCE G155

Account Number 46-22-50-331

1. Andras M. Bardos, 9412, Assistant Laboratory Attendant	H	\$ 3 445
2. Merle B. Ferris, 5003, Clerk-Typist III.....	ZN25	945
(Total Salary)		(1 890)

<i>Total, U.S. Army Ordnance G155.....</i>		<i>\$ 4 390</i>
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U.S. NATIONAL SCIENCE FOUNDATION G15749

Account Number 46-22-50-356

1. Merle B. Ferris, 5003, Clerk-Typist III.....	ZN25	\$ 945
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Nuclear Engineering**College**

Account Number 00-22-53-100

1. Carol M. Knosher, 8318, Clerk-Stenographer III.....	N	\$ 3 960
2. Ronald L. Harrison, 7701, Junior Laboratory Mechanic..	N75	4 700
3. —————, 7701, Junior Laboratory Mechanic.....	N25	1 416
4. Gerald Paul Beck, 8158, Reactor Supervisor.....	N	10 200
<i>Total, Nuclear Engineering (College).....</i>		<i>\$20 276</i>

Physics**College**

Account Number 00-22-55-100

1. Harry C. Gersbaugh, 1387, Laboratory Program Administrative Assistant	N	\$ 7 800
2. Robert E. Marlatt, 1385, Physical Science Technical Assistant	N	6 100
3. Delos C. Oliver, 1386, Senior Laboratory Attendant.....	N	5 640
4. Doris A. Davis, 1391, Clerk III.....	N	4 200
5. Lolita C. Paden, 1393, Clerk III.....	N	4 800
6. Marilyn J. Moore, 7984, Clerk-Stenographer II.....	ZN50	1 815
(Total Salary)		(3 630)
7. Eva L. Kinstle, 1394, Clerk-Typist III.....	ZN50	2 115
(Total Salary)		(4 230)
8. Patricia Montgomery, 1392, Clerk-Typist III.....	N	3 720
9. Patricia A. Reps, 1395, Clerk-Typist III.....	N	4 680
10. Dortha L. Sanders, 7407, Clerk-Typist III.....	ZN50	1 890
(Total Salary)		(3 780)
11. Creed A. Wills, 6665, Engineering Draftsman I.....	ZN50	2 775
(Total Salary)		(5 550)
12. George P. Clark, 1382, Instrument Maker.....	ZN50	4 079
(Total Salary)		(8 158)

13. Ralph F. Flora, 1377, Departmental Business Manager....	N	13 200
14. Harold G. Stoner, 1383, Senior Laboratory Mechanic.....	ZN50	3 606
(Total Salary)		(7 212)
15. Patrick K. Watson, 1384, Senior Laboratory Mechanic....	ZN50	3 606
(Total Salary)		(7 212)
16. Bess G. Matteson, 1388, Secretary — Stenographic.....	N	6 300
17. Rosalya F. Schmidt, 7263, Secretary — Stenographic.....	ZN50	2 910
(Total Salary)		(5 820)
18. E. Ann Wells, 1390, Secretary — Stenographic.....	ZN50	2 340
(Total Salary)		(4 680)
19. Margaret Runkel, 7476, Secretary — Transcribing.....	ZN50	3 150
(Total Salary)		(6 300)
20. Bernard Dittman, 7666, Storekeeper II.....	N	5 160
21. Edward J. Early, 1389, Storekeeper III.....	N	5 520
22. Fred S. Wise, 7896, Research Laboratory Shop Supervisor	N	9 600
23. Frank E. L. Witt, 8076, Technical Service Supervisor....	N	10 200
Total, Physics (College).....		\$115 206

Stores — Liquid Nitrogen Overhead

Account Number 08-22-55-948

1. Betty Carroll, 8853, Clerk-Typist II.....	ZN25	\$ 855
(Total Salary)		(3 420)
2. Roy G. Givens, 8527, Cryogenics Technician.....	ZN50	2 625
(Total Salary)		(5 250)
Total, Stores — Liquid Nitrogen Overhead.....		\$ 3 480

Stores — Physics Overhead

Account Number 08-22-55-965

1. Betty Carroll, 8853, Clerk-Typist II.....	ZN50	\$ 1 710
2. Morris K. Coad, 8358, Storekeeper II.....	ZN50	2 580
(Total Salary)		(5 160)
Total, Stores — Physics Overhead.....		\$ 4 290

Liquid Helium Service

Account Number 09-22-55-946

1. Betty Carroll, 8853, Clerk-Typist II.....	ZN25	\$ 855
2. Roy G. Givens, 8527, Cryogenics Technician.....	ZN50	2 625
3. Richard J. Trippy, 1397, Cryogenics Technician.....	N	6 120
Total, Liquid Helium Service.....		\$ 9 600

Indirect Costs — Physics

Account Number 40-22-55-300

1. Charles F. Miller, Physical Science Staff Assistant.....	N	\$ 4 500
2. _____, 7480, Senior Laboratory Attendant.....	N	4 860
3. Deanna M. Sande, 8733, Clerk-Stenographer III.....	ZN50	1 860
(Total Salary)		(3 720)
4. Carl W. Fieg, 8381, Junior Laboratory Mechanic.....	N40	2 362
5. Robert D. Dodds, Storekeeper I.....	N	3 960
Total, Indirect Costs — Physics.....		\$17 542

Cooperative Investigations

U.S. AIR FORCE 896

Account Number 46-22-55-300

1. Thomas E. Irvin, 9417, Draftsman.....	ZN25	\$ 1 080
(Total Salary)		(4 320)

U.S. AIR FORCE 528

Account Number 46-22-55-303

1. Rosalya F. Schmidt, 7263, Secretary — Stenographic.....	ZN25	\$ 1 455
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U.S. AIR FORCE 529

Account Number 46-22-55-305

1. Barbara J. Fiorillo, 8495, Clerk-Typist III.....	ZN25	\$ 930
(Total Salary)		(3 720)
2. Herman L. Stalker, 1381, Junior Laboratory Mechanic....	ZN50	3 133
(Total Salary)		(6 266)
Total, U.S. Air Force 529.....		\$ 4 063

U.S. AIR FORCE 661

Account Number 46-22-55-308

1. Laura E. Duncan, 7753, Clerk-Typist III.....	ZN50	\$ 1 740
(Total Salary)		(3 480)

U.S. AIR FORCE 882

Account Number 46-22-55-311

1. Barbara J. Fiorillo, 8495, Clerk-Typist III.....	ZN25	\$ 930
2. Thomas E. Irvin, 9417, Draftsman.....	ZN25	1 080
Total, U.S. Air Force 882.....		\$ 2 010

U.S. ARMY ORDNANCE 1001

Account Number 46-22-55-312

1. Barbara J. Fiorillo, 8495, Clerk-Typist III.....	ZN50	\$ 1 860
2. Thomas E. Irvin, 9417, Draftsman.....	ZN25	1 080
Total, U.S. Army Ordnance 1001.....		\$ 2 940

U.S. ARMY ORDNANCE 18

Account Number 46-22-55-313

1. Orville M. Zorns, 8610, Instrument Maker.....	ZN50	\$ 4 079
(Total Salary)		(8 158)
2. George B. Dittmann, 7814, Senior Laboratory Mechanic....	ZN50	3 606
(Total Salary)		(7 212)
Total, U.S. Army Ordnance 18.....		\$ 7 685

U.S. AIR FORCE 1048

Account Number 46-22-55-314

1. Eva L. Kinstle, 1394, Clerk-Typist III.....	ZN50	\$ 2 115
2. Harold G. Stoner, 1383, Senior Laboratory Mechanic....	ZN50	3 606
Total, U.S. Air Force 1048.....		\$ 5 721

U.S. AIR FORCE O.S.R. 62 215

Account Number 46-22-55-317

1. Wayne L. Craig, 1398, Instrument Maker.....	ZN50	\$ 4 079
(Total Salary)		(8 158)

U.S. ATOMIC ENERGY COMMISSION PROJECT 3

Account Number 46-22-55-320

1. Dortha L. Sanders, 7407, Clerk-Typist III.....	ZN50	\$ 1 890
2. Creed A. Wills, 6665, Engineering Draftsman I.....	ZN50	2 775
Total, U.S. Atomic Energy Commission Project 3.....		\$ 4 665

U.S. ATOMIC ENERGY COMMISSION 1056

Account Number 46-22-55-321

1. Deanna M. Sande, 8733, Clerk-Stenographer III.....	ZN25	\$ 930
2. Wayne L. Craig, 1398, Instrument Maker.....	ZN50	4 079
3. Herman L. Stalker, 1381, Junior Laboratory Mechanic....	ZN50	3 133
Total, U.S. Atomic Energy Commission 1056.....		\$ 8 142

U.S. ATOMIC ENERGY COMMISSION 182

Account Number 46-22-55-322

1. Robert A. Hoffswell, 5674, Accelerator Engineer I.....	N	\$ 6 900
2. Franklin Kibler, 1400, Instrument Maker.....	ZN50	4 079
(Total Salary)		(8 158)
3. Edward W. Cronau, 6466, Senior Laboratory Mechanic....	ZN50	3 606
(Total Salary)		(7 212)
4. Charles W. DeVore, 6705, Senior Laboratory Mechanic....	ZN50	3 608
(Total Salary)		(7 212)

5. George B. Dittmann, 7814, Senior Laboratory Mechanic...	ZN50	3 606
6. Charles Van Holland, 1378, Senior Laboratory Mechanic...	ZN50	3 606
(Total Salary)		(7 212)
7. E. Ann Wells, 1390, Secretary—Stenographic.....	ZN50	2 340
Total, U.S. Atomic Energy Commission 182.....		\$27 745
U.S. ATOMIC ENERGY COMMISSION 833		
Account Number 46-22-55-323		
1. Marilyn J. Moore, 7984, Clerk-Stenographer II.....	ZN50	\$ 1 815
2. Edward W. Cronau, 6466, Senior Laboratory Mechanic...	ZN50	3 606
Total, U.S. Atomic Energy Commission 833.....		\$ 5 421
U.S. ATOMIC ENERGY COMMISSION 971		
Account Number 46-22-55-324		
1. Deanna M. Sande, 8733, Clerk-Stenographer III.....	ZN25	\$ 930
U.S. NATIONAL SCIENCE FOUNDATION G14308		
Account Number 46-22-55-351		
1. Thomas E. Irvin, 9417, Draftsman.....	ZN25	\$ 1 080
U.S. NATIONAL SCIENCE FOUNDATION G17428		
Account Number 46-22-55-357		
1. Laura E. Duncan, 7753, Clerk-Typist III.....	ZN50	\$ 1 740
U.S. OFFICE OF NAVAL RESEARCH 183405		
Account Number 46-22-55-361		
1. Sigrid Birke, 1409, Assistant Laboratory Attendant.....	N	\$ 3 480
2. Charlotte A. Saylor, 8049, Assistant Laboratory Attendant	N	3 480
3. ———, 6163, Assistant Laboratory Attendant.....	N	3 240
4. Philip R. Francis, 1453, Chief Clerk.....	N	6 800
5. Ralph D. Kenworthy, 8359, Chief Clerk.....	N	6 400
6. Doris A. Bermingham, 8863, Clerk-Typist III.....	N	3 900
7. ———, 1412, Technical Computer.....	N	5 400
8. Emmy Redey, 1406, Engineering Draftsman I.....	N	4 740
9. Arthur W. Peters, 1417, Driver.....	P	6 171
10. Vaidotas J. Simaitis, 5604, Accelerator Engineer I.....	N	6 180
11. Sim Um, 1418, Accelerator Engineer I.....	N75	5 325
12. Richard J. Wallstrom, 1414, Accelerator Engineer I.....	N	6 900
13. ———, 6426, Accelerator Engineer I.....	N	6 000
14. Frederick A. Roberts, 6504, Accelerator Engineer II.....	N	9 200
15. Loren E. Ernest, 1413, Chief Accelerator Engineer.....	N	9 700
16. Clarence L. Rogers, 1446, Chief Accelerator Engineer...	ZN20	2 100
(Total Salary)		(10 500)
17. William M. Henebry, 8401, Electronics Engineer.....	N	7 900
18. James R. Starr, 8227, Glass Blower I.....	ZN45	3 240
(Total Salary)		(7 200)
19. George P. Clark, 1382, Instrument Maker.....	ZN50	4 079
20. Eugene R. Cordes, 1399, Instrument Maker.....	N	8 158
21. Franklin Kibler, 1400, Instrument Maker.....	ZN50	4 079
22. George I. Pike, 1415, Instrument Maker.....	N	8 158
23. Orville M. Zorns, 8610, Instrument Maker.....	ZN50	4 079
24. Robert D. Fults, 1396, Junior Laboratory Mechanic.....	N	6 266
25. Fredrick L. Hansens, 5676, Junior Laboratory Mechanic..	N	6 266
26. Robert W. Fiscus, 1421, Senior Laboratory Mechanic....	N	7 212
27. William W. S. Graham, 8266, Senior Laboratory Mechanic	N	7 212
28. Charles Van Holland, 1378, Senior Laboratory Mechanic..	ZN50	3 606
29. Patrick K. Watson, 1384, Senior Laboratory Mechanic....	ZN50	3 606
30. ———, 1402, Senior Laboratory Mechanic.....	N	6 762
31. Margaret Runkel, 7476, Secretary—Transcribing.....	ZN50	3 150
32. Morris K. Coad, 8358, Storekeeper II.....	ZN50	2 580
33. Kenneth W. Bartlett, 8696, Accelerator Technician.....	N	5 760
34. Curtis A. McGuire, 7779, Accelerator Technician.....	N	5 700
35. Cloyd I. Smock, 8768, Accelerator Technician.....	N	6 200
36. Martin G. Stough, 8140, Accelerator Technician.....	N	6 180

37. Allan R. Swanson, 8732, Accelerator Technician.....	N	4 920
38. Donald Vermillion, 5365, Accelerator Technician.....	N	6 960
39. Edward L. Garrison, 8083, Cryogenics Technician.....	N	6 500
40. ———, 8640, Cryogenics Technician.....	N	6 000
41. Rodney T. Parks, 9490, Electronics Technician I.....	N	5 100
42. Marvin T. Pickett, 9488, Electronics Technician I.....	N	5 100
43. Ted R. Dean, 1419, Electronics Technician II.....	N	6 400
44. Richard M. Eustice, 9418, Electronics Technician II.....	N	5 580
45. William E. Fears, 7532, Electronics Technician II.....	N	5 580
46. Thomas J. Kessler, 8275, Electronics Technician II.....	N	5 850
47. Glenn Russell Mann, 1422, Electronics Technician II.....	N	6 600
48. Edward E. Wascher, 1405, Electronics Technician II.....	N	6 900
49. ———, 8360, Electronics Technician II.....	N25	1 650
50. ———, 8107, Nuclear Plate Technician.....	N	4 200
<i>Total, U.S. Office of Naval Research 183405.....</i>		<u>\$276 549</u>

U.S. OFFICE OF NAVAL RESEARCH 183412

Account Number 46-22-55-363

1. Rosalya F. Schmidt, 7263, Secretary — Stenographic.....	ZN25	\$ 1 455
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Physics Betatron

Account Number 00-22-56-300

1. Clarence L. Rogers, 1446, Chief Accelerator Engineer.....	ZN80	\$ 8 400
(Total Salary)		(10 500)
2. James R. Harlan, 1448, Electronics Engineer.....	N	10 100
3. James R. Starr, 8227, Glass Blower I.....	ZN55	3 960
(Total Salary)		(7 200)
4. Carl E. Kling, 1445, Glass Blower II.....	ZN50	4 350
(Total Salary)		(8 700)
5. George A. Johnson, 1449, Instrument Maker.....	N	8 158
6. James J. Cochrane, 7048, Laboratory Manager.....	N	9 700
7. Marion A. Carrington, 1450, Senior Laboratory Mechanic	N	7 212
8. Dolores E. Myers, 1454, Secretary — Stenographic.....	N	4 620
9. Myron E. Wright, 1451, Storekeeper II.....	N	5 160
10. George J. Schwab, 5642, Research Laboratory Shop Supervisor.....	N	8 670
<i>Total, Physics Betatron.....</i>		<u>\$70 330</u>

Theoretical and Applied Mechanics**College**

Account Number 00-22-60-100

1. Patricia J. Bertelli, 5398, Clerk-Typist III.....	N	\$ 3 660
2. Mary C. Prah, 6778, Clerk-Typist III.....	N	3 660
3. Lynnette I. Winkelman, 8408, Clerk-Typist III.....	N	3 540
4. ———, Clerk-Typist III.....	N	3 600
5. Earl E. Shipley, 1459, Senior Laboratory Mechanic.....	N	7 212
6. E. R. Yates, 1477, Senior Laboratory Mechanic.....	N	7 212
7. Marvin L. Raymer, 8528, Duplicating Machine Operator II	ZN50	1 620
(Total Salary)		(3 240)
8. Marilyn A. Wright, 1460, Secretary — Stenographic.....	N	6 360
9. Harley T. Musgrove, 1455, Research Laboratory Shop Supervisor.....	N	7 800
10. Walter Carlson, 7136, Electronics Technician I.....	N	6 000
<i>Total, Theoretical and Applied Mechanics (College)....</i>		<u>\$50 664</u>

Station

Account Number 00-22-60-300

1. Isabelle Purnell, 6298, Laboratory Program Administrative Assistant.....	ZN35	\$ 2 751
(Total Salary)		(7 860)
2. Vivian E. Sprau, 1464, Clerk-Stenographer III.....	N	3 960
3. Ernest J. Bryant, 1458, Senior Laboratory Mechanic.....	N	7 212

4. George E. Mercer, 1457, Senior Laboratory Mechanic.....	N	7 212
5. Larry L. Motsinger, 7491, Duplicating Machine Operator.....		
III.....	ZN50	2 740
(Total Salary)		(5 480)
<i>Total, Theoretical and Applied Mechanics (Station)</i>		<u>\$23 875</u>

Cooperative Investigations**AMERICAN IRON AND STEEL — WELDED WIRE FABRIC**

Account Number 44-22-60-302

1. Isabelle Purnell, 6298, Laboratory Program Administrative Assistant.....	ZN5	\$ 393
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AMERICAN IRON AND STEEL — FAILURES IN RAILROAD RAILS

Account Number 44-22-60-305

1. Marion C. Moore, 1473, Senior Laboratory Mechanic.....	N	\$ 7 212
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AMERICAN IRON AND STEEL — HIGH STRENGTH STEEL COLUMNS

Account Number 44-22-60-306

1. Merle R. Penny, 5273, Junior Laboratory Mechanic.....	ZN34	\$ 2 089
(Total Salary)		(6 266)

GRIFFIN WHEEL COMPANY — RAILWAY WHEELS

Account Number 44-22-60-332

1. Gleason D. Thomas, 1465, Senior Laboratory Mechanic.....	N	\$ 7 212
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U.S. AIR FORCE 7619

Account Number 46-22-60-303

1. Helen C. Peterson, 9358, Editorial Assistant.....	H	\$ 4 176
2. Isabelle Purnell, 6298, Laboratory Program Administrative Assistant.....	ZN15	1 179
3. Hazel M. Corray, 5363, Clerk-Typist III.....	ZN50	1 920
(Total Salary)		(3 840)
4. Elmer Hunt, 1469, Senior Laboratory Mechanic.....	N	7 212
<i>Total, U.S. Air Force 7619</i>		<u>\$14 487</u>

U.S. ARMY ORDNANCE 593

Account Number 46-22-60-304

1. Isabelle Purnell, 6298, Laboratory Program Administrative Assistant.....	ZN10	\$ 786
2. Hertha B. Vandiver, 8482, Clerk-Typist III.....	ZN50	1 860
(Total Salary)		(3 720)
<i>Total, U.S. Army Ordnance 593</i>		<u>\$ 2 646</u>

U.S. AIR FORCE 8177

Account Number 46-22-60-308

1. James M. Robertson, 1463, Senior Laboratory Mechanic.....	N	\$ 7 212
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U.S. ARMY ORDNANCE G148

Account Number 46-22-60-310

1. Isabelle Purnell, 6298, Laboratory Program Administrative Assistant.....	ZN15	\$ 1 179
2. Hazel M. Corray, 5363, Clerk-Typist III.....	ZN50	1 920
3. William C. Stitt, 1462, Senior Laboratory Mechanic.....	N	7 212
<i>Total, U.S. Army Ordnance G148</i>		<u>\$10 311</u>

U.S. ARMY ORDNANCE 3505

Account Number 46-22-60-311

1. Hertha B. Vandiver, 8482, Clerk-Typist III.....	ZN50	\$ 1 860
2. Marvin L. Raymer, 8528, Duplicating Machine Operator II.....	ZN25	810
<i>Total, U.S. Army Ordnance 3505</i>		<u>\$ 2 670</u>

U.S. N.O.B.S. 86112

Account Number 46-22-60-354

1. Isabelle Purnell, 6298, Laboratory Program Administrative Assistant.....	ZN10	\$ 786
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2. Dean Bailey, 5128, Instrument Maker.....	N	8 158
3. Marvin L. Raymer, 8528, Duplicating Machine Operator II.....	ZN25	810
<i>Total, U.S. N.O.B.S. 86112.....</i>		<u>\$ 9 754</u>
U.S. OFFICE OF NAVAL RESEARCH 294702X		
Account Number 46-22-60-356		
1. Larry L. Motsinger, 7491, Duplicating Machine Operator III.....	ZN25	\$ 1 370
U.S. NATIONAL SCIENCE FOUNDATION G14647		
Account Number 46-22-60-360		
1. Larry L. Motsinger, 7491, Duplicating Machine Operator III.....	ZN25	\$ 1 370
U.S. OFFICE OF NAVAL RESEARCH 1834-32		
Account Number 46-22-60-367		
1. Isabelle Purnell, 6298, Laboratory Program Administrative Assistant.....	ZN10	\$ 786
U.S. OFFICE OF NAVAL RESEARCH 2947-01X		
Account Number 46-22-60-370		
1. James W. Bryant, 1475, Senior Laboratory Mechanic.....	N	\$ 7 212
STATE OF ILLINOIS DIVISION OF HIGHWAYS — CREEP IN STRUCTURAL CONCRETE		
Account Number 47-22-60-312		
1. Donna R. Kieso, 7950, Clerk-Stenographer III.....	ZN50	\$ 1 980
(Total Salary)		(3 960)
2. Merle R. Penny, 5273, Junior Laboratory Mechanic.....	ZN33	2 088
<i>Total, State of Illinois Division of Highways — Creep in Structural Concrete</i>		<u>\$ 4 068</u>
STATE OF ILLINOIS DIVISION OF HIGHWAYS — FATIGUE FAILURE IN CONCRETE		
Account Number 47-22-60-325		
1. Donna R. Kieso, 7950, Clerk-Stenographer III.....	ZN50	\$ 1 980
2. Merle R. Penny, 5273, Junior Laboratory Mechanic.....	ZN33	2 089
<i>Total, State of Illinois Division of Highways — Fatigue Failure in Concrete.....</i>		<u>\$ 4 069</u>
COLLEGE OF FINE AND APPLIED ARTS		
Administration		
Account Number 00-24-01-100		
1. Darline S. Ward, 1578, Clerk-Typist III.....	N	\$ 3 600
2. Alice T. Wall, 1576, Administrative Secretary — Steno- graphic	N	8 750
<i>Total, Administration</i>		<u>\$12 350</u>
Architecture		
Account Number 00-24-05-100		
1. Frank M. Sinclitico, 7216, Equipment Attendant.....	N	\$ 4 740
2. Rosemary Wasilevich, 1581, Clerk-Stenographer III.....	N	3 960
3. Rosalie Williams, 1579, Secretary — Stenographic.....	N	5 250
<i>Total, Architecture</i>		<u>\$13 950</u>
Art		
Account Number 00-24-10-100		
1. Lee E. Garrett, 6734, Equipment Attendant.....	N	\$ 5 340
2. Yvonne R. Churchwell, 1583, Clerk-Typist II.....	N	3 240
3. _____, Clerk-Typist II.....	N	3 200
4. Helen G. Jordan, 1582, Secretary — Stenographic.....	N	6 660
<i>Total, Art</i>		<u>\$18 440</u>

City Planning and Landscape Architecture

Account Number 00-24-15-100

1. Karen E. Casteel, 1585, Clerk-Typist III.....	N	\$ 3 300
<i>Total, City Planning and Landscape Architecture.....</i>		<u>\$ 3 300</u>

Bureau of Community Planning

Account Number 00-24-16-400

1. Brenda K. Nolan, 7413, Clerk-Stenographer III.....	N	\$ 4 110
2. Kay L. Freeman, 7409, Clerk-Typist II.....	N	3 120
3. Janet H. Buhk, 1594, Secretary — Stenographic.....	N	4 710
<i>Total, Bureau of Community Planning.....</i>		<u>\$11 940</u>

School of Music

Account Number 00-24-25-100

1. Anna M. Farish, 1590, Clerk-Stenographer II.....	N	\$ 3 930
2. Mary A. Smail, 5251, Clerk-Stenographer II.....	N	4 020
3. Nancy A. Oberto, 7205, Clerk-Stenographer III.....	N	3 600
4. Barbara L. Ulman, 9254, Clerk-Typist I.....	N	2 850
5. Lillian Marr, 1589, Secretary — Stenographic.....	N	6 600
6. R. E. Helmericks, 1586, Instrument Supervisor.....	N	9 600
7. Ralph T. McNeely, 1587, Piano Maintenance Supervisor.....	N	9 060
8. G. H. Steward, 5730, Musical Instrument Technician.....	N	7 800
9. Arnold Brews, 1588, Piano Technician.....	N	7 300
<i>Total, School of Music.....</i>		<u>\$54 760</u>

University of Illinois Bands

Account Number 00-24-35-100

1. Claudine A. Hayes, 1592, Clerk-Typist III.....	N	\$ 3 750
2. John E. Cranford, 7742, Bands Property Custodian.....	N	5 820
<i>Total, University of Illinois Bands.....</i>		<u>\$ 9 570</u>

Small Homes Council — Building Research Council

Account Number 00-24-50-300

1. Lourine S. Grant, 1868, Clerk-Stenographer II.....	N	\$ 3 090
2. ———, 1866, Clerk-Stenographer III.....	N	3 690
3. Patricia J. Knowles, 1865, Clerk-Typist II.....	N	2 970
4. June A. Panknen, 1867, Clerk-Typist II.....	N	2 970
5. Jeannette Montgomery, 1864, Secretary — Stenographic... N		5 400
<i>Total, Small Homes Council—Building Research Council</i>		<u>\$18 120</u>

Small Homes Council Publications Revolving

Account Number 12-24-50-466

1. Sharon Lynn Dees, 8730, Accounting Clerk I.....	N	\$ 3 300
<i>Total, Small Homes Council Publications Revolving...</i>		<u>\$ 3 300</u>

Krannert Art Museum

Account Number 00-24-80-100

1. Berdine E. Soenksen, 8214, Clerk-Stenographer III.....	N	\$ 4 020
2. Jimmie O. Sowers, 8063, Art Museum Preparator.....	N	5 220
<i>Total, Krannert Art Museum.....</i>		<u>\$16 840</u>

GRADUATE COLLEGE**Administration**

Account Number 00-26-01-100

1. Edith L. Williams, 7634, Clerk III.....	N	\$ 4 470
2. Mary E. Hott, 1479, Administrative Clerk.....	N	9 000
3. Antoinette LaVoie, 1480, Administrative Clerk.....	N	9 000
4. Carol J. Meece, 5607, Clerk-Stenographer I.....	N	3 150
5. Beverly Schrotberger, 6897, Clerk-Stenographer II.....	N	3 420
6. Rita L. Vieley, 1486, Clerk-Stenographer II.....	N	3 000
7. Esther L. Floyd, 1481, Clerk-Stenographer III.....	N	4 680

8. Mary F. Stout, 1485, Clerk-Typist I.....	N	2 400
9. Edna M. Jenkins, 1484, Clerk-Typist II.....	N	3 600
10. Janice F. Wienke, 7959, Clerk-Typist II.....	N	3 540
11. Mary R. Bamert, 8865, Card Punch Operator II.....	ZN62	2 430
(Total Salary)		(3 900)
12. Grayce P. Baker, 1482, Secretary — Stenographic.....	N	5 670
13. Dorothy B. Rickert, 7425, Secretary — Stenographic.....	N	7 100
Total, Administration		\$61 460

Indirect Costs — Graduate College Administration — Wall

Account Number 41-26-01-100

1. Mary R. Bament, 8865, Card Punch Operator II.....	ZN38	\$ 1 470
Total, Indirect Costs — Graduate College Administration — Wall		\$ 1 470

Office of Education Program in Communications

Account Number 41-26-01-361

1. Theresa A. Bartlett, 8828, Clerk-Typist II.....	N50	\$ 1 770
Total, Office of Education Program in Communications..		\$ 1 770

Special Fund

Account Number 00-26-05-300

1. Mary M. Gaddy, 8682, Statistical Clerk.....	N	\$ 3 420
2. Deborah H. Skehen, 1489, Clerk-Typist III.....	N	4 440
Total, Special Fund.....		\$ 7 860

Digital Computer Laboratory

Account Number 00-26-15-300

1. Joseph V. Wentz, 6074, Electronics Engineering Assistant	N	\$ 6 900
2. G. W. Michael, 1494, Laboratory Program Administrative Assistant	N	8 250
3. Suzanne C. Hardy, 8036, Clerk-Stenographer II.....	N	3 600
4. Phyllis L. Olson, 6700, Clerk-Stenographer II.....	N	3 900
5. Judith Ann Day, 9379, Clerk-Typist II.....	N	3 180
6. Larry D. Armstrong, 1497, Draftsman.....	ZN65	2 340
(Total Salary)		(3 600)
7. Thomas E. Kerker, 8151, Model Maker.....	ZN50	4 250
(Total Salary)		(8 500)
8. Lee Whyte, 8521, Laboratory Manager.....	ZN75	9 000
(Total Salary)		(12 000)
9. James E. Bahls, 1499, Senior Laboratory Mechanic.....	ZN50	3 606
(Total Salary)		(7 212)
10. Elizabeth I. Ems, 8031, Card Punch Operator I.....	N	2 820
11. Norma I. Jenkins, 1501, Computer Teletype Operator....	N	3 660
12. Margaret B. Lee, 7745, Digital Computer Operator I....	N	4 020
13. Ramona J. Russell, 7741, Digital Computer Operator II... N	N	6 360
14. Anna Rita Ferris, 1500, Secretary — Stenographic.....	N	6 300
15. Victor B. Apke, 8195, Storekeeper II.....	ZN50	2 580
(Total Salary)		(5 160)
16. Ronald A. Gustafson, 1496, Electronics Technician I....	N	4 320
Total, Digital Computer Laboratory.....		\$75 086

Illiac Service

Account Number 09-26-15-942

1. _____, 7578, Statistical Clerk.....	N50	\$ 1 356
2. Enola A. Moske, 7750, Clerk-Stenographer III.....	N	4 380
3. Donald R. Greenwood, 6029, Digital Computer Operator I	N	4 200
4. Richard V. Hoppe, 5309, Digital Computer Operator I....	N	4 020
5. George E. Wilkins, 9382, Digital Computer Operator I....	N	4 020
6. William L. Huffman, 5308, Digital Computer Operator II	N	6 600
7. Bennie D. Williamson, 8593, Electronics Technician I....	N	4 560
8. Robert L. Miller, 7360, Electronics Technician II.....	N	5 280

9. Edmund Peig, 7897, Electronics Technician II.....	N	6 180
10. ———, 7961, Tape Equipment Technician.....	N	4 380
<i>Total, Illinois Service.....</i>		<u>\$44 976</u>

650 Service

Account Number 09-26-15-978

1. Robert S. Mullen, 8574, Digital Computer Operator I.....	N	\$ 4 440
2. Merlin J. Foster, 8688, Computer Programmer I.....	N	5 880
<i>Total, 650 Service.....</i>		<u>\$10 320</u>

Cooperative Investigations

U.S. ATOMIC ENERGY COMMISSION 415

Account Number 46-26-15-303

1. Larry D. Armstrong, 1497, Draftsman.....	ZN35	\$ 1 260
2. ———, 8573, Draftsman.....	N75	3 465
3. James K. Burrell, 7945, Engineering Draftsman I.....	N	4 740
4. Kenneth C. Law, 8511, Engineering Draftsman I.....	N	5 400
5. Clifford E. Carter, 5959, Computer Engineer.....	N	9 300
6. Harold E. Lopeman, 1495, Electronic Engineer.....	N	8 940
7. Thomas E. Kerkering, 8151, Model Maker.....	ZN50	4 250
8. Lee White, 8521, Laboratory Manager.....	ZN25	3 000
9. Walter A. Hromadnik, 8605, Junior Laboratory Mechanic.....	N	6 266
10. Ralph M. Rivera, 1498, Junior Laboratory Mechanic.....	N	6 266
11. James E. Bahls, 1499, Senior Laboratory Mechanic.....	ZN50	3 606
12. Victor B. Apke, 8195, Storekeeper II.....	ZN50	2 580
13. Larry L. Byers, 8372, Electronics Technician I.....	N	4 680
14. Bernard M. Doden, 8825, Electronics Technician I.....	N50	2 160
15. John L. Fileccia, 7589, Electronics Technician I.....	N	4 560
16. Alfred F. A. Fischer, 8475, Electronics Technician I.....	N	4 560
17. Joseph L. Link, 8373, Electronics Technician I.....	N	4 620
18. Artie L. Reeves, 6553, Electronics Technician I.....	N	4 800
19. Benjamin A. Sadler, 8259, Electronics Technician I.....	N	4 440
20. George A. Tagge, 8341, Electronics Technician I.....	N50	2 325
21. ———, 8604, Electronics Technician I.....	N	4 200
22. ———, 8697, Electronics Technician I.....	N50	2 100
23. Robert F. Coady, 8032, Electronics Technician II.....	N	5 460
24. Arlyle F. Irwin, 6205, Electronics Technician II.....	N	5 700
25. Richard F. Kingsley, 7381, Electronics Technician II.....	N	5 520
26. Shirlie P. Krabbe, 6241, Electronics Technician II.....	N	6 300
27. Frank P. Serio, 7902, Electronics Technician II.....	N	6 720
28. John D. Sullivan, 7895, Electronics Technician II.....	N	5 760
<i>Total, U.S. Atomic Energy Commission 415.....</i>		<u>\$132 978</u>

National Science Foundation Program — Electron Microscope Laboratory

Account Number 41-26-21-356

1. Olive L. Stayton, 7851, Assistant Laboratory Attendant..	N	\$ 3 680
<i>Total, National Science Foundation Program — Electron Microscope Laboratory</i>		<u>\$ 3 680</u>

Illinois Historical Survey

Account Number 00-26-25-300

1. George W. Shadwick, 1615, Clerk-Typist II.....	N50	\$ 1 560
<i>Total, Illinois Historical Survey.....</i>		<u>\$ 1 560</u>

Natural Areas and Uncultivated Land

Account Number 00-26-33-300

1. Charles W. Smith, 1502, Forest Custodian.....	P	\$ 5 325
<i>Total, Natural Areas and Uncultivated Land.....</i>		<u>\$ 5 325</u>

Physical Environment Unit

Account Number 00-26-35-300

1. Helen McDonnell, 1364, Clerk-Typist III.....	ZN40	\$ 1 598
<i>(Total Salary)</i>		<u>(3 990)</u>

2. Lawrence D. Siler, 7049, Environment Laboratory Operator	N	7 212
<i>Total, Physical Environment Unit.....</i>		<u>\$ 8 810</u>

Radiocarbon Laboratory

Account Number 00-26-40-300

1. Carol J. Frey, 8680, Typing Clerk III.....	N50	\$ 1 800
<i>Total, Radiocarbon Laboratory.....</i>		<u>\$ 1 800</u>

State Natural History Survey**Cooperative Investigations**

U.S. PUBLIC HEALTH SERVICE E1349

Account Number 46-26-82-368

1. Keith P. Dauphin, 7448, Assistant Laboratory Attendant..	N	\$ 3 740
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STATE OF ILLINOIS DEPARTMENT OF CONSERVATION —
WILDLIFE STUDIES

Account Number 47-26-82-313

1. ———, 8311, Clerk-Typist III.....	N	\$ 3 480
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State Water Survey**Cooperative Investigations**

U.S. ARMY SIGNAL CORPS 87280IC

Account Number 45-26-84-313

1. Lawrence A. Sticher, 5557, Laboratory Program Administrative Assistant	N50	\$ 4 150
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U.S. ARMY SIGNAL CORPS 87280

Account Number 46-26-84-313

1. Rena Gans, 6933, Meteorological Aide I.....	N	\$ 3 960
2. Dorothy A. Gurney, 6605, Meteorological Aide I.....	N	3 900
3. ———, 6371, Meteorological Aide II.....	N	5 340
4. ———, 5921, Meteorological Aide II.....	N	4 320
5. Edna M. Anderson, 5299, Clerk-Typist II.....	N	3 900
6. Charles F. Medrow, 8793, Electronics Technician I.....	N	4 500
<i>Total, U.S. Army Signal Corps 87280.....</i>		<u>\$25 920</u>

U.S. NATIONAL SCIENCE FOUNDATION G17038

Account Number 46-26-84-365

1. ———, 6704, Meteorological Aide I.....	N	\$ 4 200
2. Irene R. Koch, 6489, Meteorological Aide II.....	N	4 800
3. ———, 5552, Meteorological Aide II.....	N	5 400
4. ———, 8602, Meteorological Aide II.....	N75	3 825
5. ———, 8171, Statistical Clerk	N	3 120
6. Stanley G. Peery, 9214, Electronics Technician I.....	N	5 100
7. Ronald K. Tibbetts, 9420, Electronics Technician I.....	N	4 200
8. Don H. Summers, Electronics Technician II.....	N	6 000
<i>Total, U.S. National Science Foundation, G17038.....</i>		<u>\$36 645</u>

COLLEGE OF JOURNALISM AND COMMUNICATIONS**Administration**

Account Number 00-28-01-100

1. Norma E. Carr, 1649, Chief Clerk.....	N	\$ 7 200
2. L. Frances Carter, 7636, Clerk-Stenographer II.....	N50	2 070
3. Patricia J. Keil, 1650, Clerk-Stenographer III.....	N	4 080
4. Martha P. Senger, 1652, Clerk-Stenographer III.....	N	4 200
<i>Total, Administration</i>		<u>\$17 550</u>

Institute of Communications Research

Account Number 00-28-20-300

1. Martha F. Pfeiffer, 5541, Clerk-Stenographer III.....	N	\$ 4 020
<i>Total, Institute of Communications Research.....</i>		<u>\$ 4 020</u>

Cooperative Investigations**SOCIAL HUMAN ECOLOGY MEANING SYSTEMS**

Account Number 44-28-20-378

1. Eileen M. Kaderavek, 6828, Clerk-Typist III.....	ZN50	\$ 1 950
(Total Salary)		(3 900)

U.S. OFFICE OF EDUCATION SAE 8722

Account Number 46-28-20-362

1. ———, 8690, Statistical Clerk.....	N50	\$ 1 680
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U.S. PUBLIC HEALTH SERVICE M3941

Account Number 46-28-20-364

1. Eileen M. Kaderavek, 6828, Clerk-Typist III.....	ZN50	\$ 1 950
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Broadcasting**Administration**

Account Number 00-28-21-400

1. Faye Bachert, 1690, Secretary — Stenographic.....	ZN50	\$ 2 640
(Total Salary)		(5 280)
<i>Total, Administration</i>		\$ 2 640

Radio Station

Account Number 00-28-25-400

1. Edward W. Cade, 1664, Chief Announcer.....	N50	\$ 3 000
2. Richard Lee Adams, 1667, Broadcasting Program Assistant.....	N50	2 100
3. Bernice I. Cross, 1666, Broadcasting Program Assistant... N		4 620
4. Donald J. Hatch, 1675, Broadcasting Program Assistant... N50		2 100
5. Truman D. Hayes, 1674, Broadcasting Program Assistant N50		2 100
6. Gunther J. Holst, 1674, Broadcasting Program Assistant.. N50		2 160
7. Donald E. King, 1679, Broadcasting Program Assistant... N50		2 100
8. Michael J. Kutchins, 9439, Broadcasting Program Assistant N50		2 100
9. Diane E. Lange, 1668, Broadcasting Program Assistant... N		4 200
10. Carol E. Mankin, 1673, Broadcasting Program Assistant.. N50		2 100
11. Judith A. Phillips, Broadcasting Program Assistant..... N		4 200
12. Jeannette P. Reinvald, 7995, Broadcasting Program Assistant..... N		4 200
13. ———, 1672, Broadcasting Program Assistant..... N50		2 340
14. Marlene A. Ackerman, 1691, Clerk-Stenographer I..... N		3 090
15. Eva M. Benton, 1684, Broadcasting Engineer..... P		5 742
16. Jean W. Burkhead, 1688, Broadcasting Engineer..... P50		2 703
17. Gene Crowell, 9213, Broadcasting Engineer..... P		4 491
18. Lloyd L. Massingill, 1682, Broadcasting Engineer..... P		5 742
19. Gerald D. Wood, 1695, Broadcasting Engineer..... P		5 742
20. Rob R. Beldon, 1663, Chief Broadcasting Engineer..... ZN50		5 385
(Total Salary)		(10 770)
21. Clarence H. Berbaum, 5487, Assistant Chief Broadcasting Engineer..... N		8 370
22. Roland P. Mascal, 6932, Radio Operator..... P		5 742
23. Faye Bachert, 1690, Secretary — Stenographic..... ZN50		2 640
(Total Salary)		(5 280)
24. John A. Regnell, 1661, Supervisor of Educational Programs..... N75		7 220
(Total Salary)		(9 400)
(Also academic)		
25. Kenneth L. Cutler, 1662, Supervisor of Music..... N		8 610
26. ———, 6417, Supervisor of Sports Broadcasts..... N		6 390
<i>Total, Radio Station</i>		\$109 187

RECORDING SERVICE

Account Number 09-28-25-973

1. Edna Haney, 1681, Broadcasting Engineer.....	P	\$ 5 742
<i>Total, Recording Service</i>		\$ 5 742

NATIONAL ASSOCIATION OF EDUCATIONAL BROADCASTERS TAPE NETWORK

Account Number 44-28-25-456

1. Robert Underwood, Jr., 1659, NAEB Tape Network Manager	N	\$ 7 200
2. ———, 6732, Production Assistant Network Manager	N	5 700
3. Dorothy D. Templeton, 1660, Traffic Assistant Network Manager	N	4 095
4. Gabor I. Belso, 7218, Audio-Visual Aids Technician I....	N	4 140
5. Zoltan Ujhelyi, 6930, Audio-Visual Aids Technician I....	N	4 380
<i>Total, National Association of Educational Broadcasters Tape Network</i>		<u>\$25 515</u>

Television-Motion Pictures

Account Number 00-28-28-400

1. ———, Commercial Artist II.....	N	\$ 6 300
2. Patricia A. Barr, 7948, Broadcasting Program Assistant..	N	4 200
3. Jerry L. Kalman, 7974, Broadcasting Program Assistant...	N50	2 100
4. Ursula Maksic, 1676, Broadcasting Program Assistant....	N50	2 520
5. Jesse W. Barr, 1678, Motion Picture Production Assistant	N	6 030
6. Cyrelda A. Tarter, 7175, Typing Clerk III.....	ZN50	2 175
<i>(Total Salary)</i>		<i>(4 350)</i>
7. Maryellen E. Nelson, 8739, Clerk-Typist I.....	N50	1 560
8. Emerson D. Klein, 6107, Television Production Coordinator	N	6 450
9. William T. Dale, 7158, Television Director-Producer....	N	7 890
10. Stevan Borleff, 1683, Broadcasting Engineer.....	ZP70	4 020
<i>(Total Salary)</i>		<i>(5 742)</i>
11. Donald W. Colaw, 7134, Broadcasting Engineer.....	P	5 742
12. Lane W. Cox, 1686, Broadcasting Engineer.....	P	5 115
13. Larry J. Inman, 1689, Broadcasting Engineer.....	AP70	4 020
<i>(Total Salary)</i>		<i>(5 742)</i>
14. Charles W. Kelly, 6257, Broadcasting Engineer.....	P50	2 610
15. Rob R. Beldon, 1663, Chief Broadcasting Engineer.....	ZN50	5 385
<i>(Total Salary)</i>		<i>(10 770)</i>
16. Johnny F. Wahlfeldt, 7533, Assistant Chief Broadcasting Engineer	ZN70	6 240
<i>(Total Salary)</i>		<i>(8 910)</i>
17. Byrl L. Sims, 1696, Motion Picture Productions Supervisor	N	9 190
18. Harold D. Blue, 6121, Television Writer-Producer.....	N	6 600
<i>Total, Television-Motion Pictures</i>		<u>\$88 147</u>

TELEVISION FILM SERVICE

Account Number 09-28-28-982

1. Joseph W. Skehen, 8365, Broadcasting Program Assistant	N75	\$ 3 900
2. Cyrelda A. Tarter, 7175, Typing Clerk III.....	ZN50	2 175
<i>Total, Television Film Service</i>		<u>\$ 6 075</u>

COLLEGE OF LAW

Account Number 00-30-10-100

1. C. Margaret Wascher, 1642, Chief Clerk.....	N	\$ 6 120
2. Diane E. Rear, 1646, Clerk-Stenographer II.....	N	3 120
3. Patricia A. Ziemek, 1643, Clerk-Stenographer II.....	N	3 120
4. Audrey L. Stickler, 8522, Clerk-Stenographer III.....	N	3 990
5. Judith Fay Deloney, 1645, Clerk-Typist II.....	N	3 000
6. Beverly A. Derry, 8837, Secretary — Stenographic.....	N	4 620
7. Marian H. Martin, 1641, Administrative Secretary — Stenographic	N	8 900
<i>Total, College of Law</i>		<u>\$32 870</u>

COLLEGE OF LIBERAL ARTS AND SCIENCES

Administration

Account Number 00-32-01-100

1. Helen I. Esworthy, 7905, Credentials Analyst.....	N	\$ 4 410
2. Erma C. Koehn, 8606, Clerk III.....	N	4 080
3. Florence Trowbridge, 8057, Clerk III.....	N	3 600
4. Betty Brooks Smith, 5175, Chief Clerk.....	N	6 840
5. Mary K. Miller, 8438, Typing Clerk II.....	N	3 210
6. Jean M. Glass, 0501, Typing Clerk III.....	N	4 170
7. Judith I. Johnson, 0497, Clerk-Stenographer III.....	N	3 600
8. Virginia A. Kaufman, 0500, Clerk-Typist I.....	N	3 120
9. Mary J. Westphal, 0499, Secretary — Stenographic.....	N	5 340
10. Lucille N. Ellis, 0496, Administrative Secretary — Stenographic	N	9 000
<i>Total, Administration</i>		<u>\$47 370</u>

Cooperative Investigations

DORIS DUKE — RUSSIAN AREA STUDIES

Account Number 44-32-01-119

1. Myra J. McCall, 9384, Clerk-Typist II.....	N	\$ 2 940
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U.S. OFFICE OF EDUCATION SAE 8652

Account Number 46-32-01-162

1. Bernice K. Skinner, 8361, Clerk-Typist III.....	N	\$ 3 810
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Anthropology

Account Number 00-32-07-100

1. Betty W. Starr, 8028, Secretary — Stenographic.....	N	\$ 5 880
<i>Total, Anthropology</i>		<u>\$ 5 880</u>

Astronomy

Account Number 00-32-10-100

1. Lilian M. Taylor, 8540, Clerk-Typist II.....	N	\$ 3 600
<i>Total, Astronomy</i>		<u>\$ 3 600</u>

Cooperative Investigations

U.S. OFFICE OF NAVAL RESEARCH 183422

Account Number 46-32-10-364

1. Richard F. Ripper, 1342, Chief Clerk.....	ZN27	\$ 1 890
(Total Salary)		(7 000)
2. Arno H. Schriefer, Jr., 8749, Junior Civil Engineer.....	N	7 400
3. Kenneth L. Seib, 7842, Electronics Engineer.....	N	7 600
4. Kwang Shi Yang, 8851, Electronics Engineer.....	N	8 850
5. Lyle L. Hawkey, 7522, Electronics Technician II.....	N	5 700
6. Oliver Davis, 8543, Maintenance Worker.....	N	5 310
<i>Total, U.S. Office of Naval Research 183422</i>		<u>\$36 750</u>

Botany

Account Number 00-32-16-100

1. Natalie H. Davis, 0516, Scientific Artist.....	N	\$ 5 220
2. Helen E. Sterrett, 0519, Assistant to Curator of Herbarium	N	4 560
3. Henry W. Harris, 7112, Equipment Attendant	N	5 160
4. Evelyn V. Menges, 0515, Chief Clerk.....	N	5 940
5. Georgia M. Kebschull, 0517, Clerk-Typist II.....	N	3 600
6. Nancy E. Trapa, 0518, Clerk-Typist II.....	N	3 180
7. Walter R. Cook, 0513, Senior Laboratory Mechanic.....	N	7 212
8. Peter E. Bloom, 7363, Nurseryman.....	N	6 120
9. Harold L. Tremaine, 6781, Nurseryman.....	N	6 120
<i>Total, Botany</i>		<u>\$47 112</u>

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G15947

Account Number 46-32-16-351

1. —————, 8664, Senior Laboratory Attendant.....	N	\$ 5 310
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U.S. NATIONAL SCIENCE FOUNDATION G19437

Account Number 46-32-16-368

1. Ervie T. Ditzler, 8714, Instrument Maker.....	ZN33	\$ 2 719
(Total Salary)		(8 158)

Chemistry and Chemical Engineering

Account Number 00-32-19-100

1. Larry G. Hess, 5732, Accountant II.....	N	\$ 6 900
2. John A. Saldeen, 8067, Electronics Engineering Assistant..	ZN50	3 525
(Total Salary)		(7 050)
3. F. Thomas Gothard, Jr., 7311, Laboratory Program Administrative Assistant	N	7 000
4. Richard R. Lytle, 8546, Laboratory Program Administrative Assistant	ZN87	7 358
(Total Salary)		(8 500)
5. Norman Greaves, 6164, Equipment Attendant.....	N	5 190
6. Robert E. Duvall, 0540, Senior Laboratory Attendant....	N	5 640
7. ———, 0554, Animal Caretaker.....	N	5 400
8. Jane A. Wilder, 8403, Accounting Clerk I.....	N	3 600
9. Elsie M. Wilson, 0523, Administrative Clerk.....	N	8 800
10. Wandalou M. Ziegler, 0526, Chief Clerk.....	N	4 920
11. Patsy S. Beard, 8006, Clerk-Stenographer II.....	ZN50	1 710
(Total Salary)		(3 420)
12. Jana L. Bristow, 7244, Clerk-Stenographer II.....	ZN50	1 500
(Total Salary)		(3 000)
13. Charlene A. Rossi, 0530, Clerk-Stenographer II.....	N	3 420
14. Frances I. Watson, 0525, Clerk-Stenographer II.....	N	4 080
15. Joanne S. Johnson, 0529, Clerk-Stenographer III.....	N	4 050
16. Jeanette M. Mitchell, 0528, Clerk-Stenographer III.....	N	4 620
17. Mary L. Schaumburg, 7380, Clerk-Stenographer III.....	N	4 080
18. Suzanne J. Spears, 0532, Clerk-Stenographer III.....	N	4 500
19. ———, Clerk-Stenographer III.....	N50	2 000
20. Jeanne C. Hamner, 7291, Clerk-Typist II.....	ZN50	1 755
(Total Salary)		(3 510)
21. Ernst R. Proemmel, 7493, Electronics Engineer.....	N	7 700
22. Leon F. Goodyear, 0521, Glass Blower II.....	N95	8 300
(Total Salary)		(8 700)
(Also academic)		
23. ———, Instrument Maker.....	N	8 000
24. Harold G. Poindexter, 7334, Departmental Business Manager.....	N	10 600
25. Virgil F. Clements, 0542, Senior Laboratory Mechanic....	N	7 212
26. Walter W. Demlow, 1272, Senior Laboratory Mechanic....	ZN50	3 606
(Total Salary)		(7 212)
27. Claude B. Dunn, 0543, Senior Laboratory Mechanic.....	N	7 212
28. S. A. Phillips, 0544, Senior Laboratory Mechanic.....	N	7 212
29. A. E. Wood, 0541, Senior Laboratory Mechanic.....	N	7 212
30. Margaret N. Durham, 7688, Placement Officer.....	N	6 230
31. Elva M. Burrows, 0524, Secretary — Stenographic.....	N	5 370
32. Doris W. Niccum, 6539, Secretary — Stenographic.....	N	4 980
33. B. Gail Puckette, 0533, Secretary — Stenographic.....	N	4 500
34. Elanor P. Greeson, 0527, Secretary — Transcribing.....	N	4 980
35. Ronald E. Reynolds, 0537, Storekeeper I.....	N	4 200
36. Norman D. Busboom, 8900, Storekeeper II.....	N	4 800
37. Robert J. Edwards, 0546, Storekeeper II.....	N	5 040
38. John T. Kink, 0553, Storekeeper II.....	N	5 520
39. Charles W. Schlatter, 0547, Storekeeper II.....	N	5 160
40. ———, Storekeeper II.....	N	4 500
41. Leonard L. Applegate, 0549, Storekeeper III.....	N	5 880
42. R. E. Brown, 0548, Storekeeper III.....	N	5 880
43. Gladson Burton, 0539, Storekeeper III.....	N	5 880
44. Carl S. Coad, 0538, Storekeeper III.....	N	5 880
45. Edward J. Gray, 0551, Storekeeper III.....	N	5 880

46. Louis L. Lafenhagen, 0550, Storekeeper III.....	N	5 880
47. John A. Mullen, Jr., 0535, Storekeeper III.....	N	5 760
48. M. T. Murrell, 0534, Storekeeper III.....	N	5 880
49. Glenn L. Percival, 0552, Storekeeper III.....	N	5 880
50. C. M. Scott, 0536, Storekeeper III.....	N	5 880
51. Verle Walters, 7431, Instrument and Measurement Technician II.....	N	7 800
<i>Total, Chemistry and Chemical Engineering.....</i>		<u>\$278 862</u>

Indirect Costs — Chemistry and Chemical Engineering

Account Number 40-32-19-300

1. Richard R. Lytle, 8546, Laboratory Program Administrative Assistant.....	ZN13	\$ 1 142
2. Judith A. Gilder, 8451, Clerk-Typist II.....	ZN50	1 560
(Total Salary)		(3 120)
3. Dorothy J. Brower, 0832, Clerk-Typist III.....	N	3 720
<i>Total, Indirect Costs—Chemistry and Chemical Engineering.....</i>		<u>\$ 6 422</u>

Cooperative Investigations

NATIONAL SCIENCE FOUNDATION PROGRAM — ULTRACENTRIFUGE LABORATORY

Account Number 41-32-19-357

1. Charlotte K. Rhodes, 8442, Scientific Analyst.....	N	\$ 5 010
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A. P. SLOAN FOUNDATION, INC. — ORGANIC CHEMISTRY — ADAMS

Account Number 44-32-19-380

1. Marjorie J. Kinney, 9284, Clerk-Stenographer III.....	N50	\$ 2 040
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U.S. AIR FORCE 7918

Account Number 46-32-19-303

1. Jeanne C. Hammer, 7291, Clerk-Typist II.....	ZN50	\$ 1 755
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U.S. NATIONAL SCIENCE FOUNDATION G8735

Account Number 46-32-19-348

1. Robert E. Buffington, 7655, Scientific Analyst.....	N	\$ 6 000
2. Margaret C. Gregorich, 8576, Clerk-Stenographer III.....	N33	1 200
(Total Salary)		(3 600)
<i>Total, U. S. National Science Foundation G8735.....</i>		<u>\$ 7 200</u>

U.S. NATIONAL SCIENCE FOUNDATION G5563

Account Number 46-32-19-359

1. Rene H. Dubus, 8502, Biochemistry Technologist.....	N	\$ 5 010
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U.S. OFFICE OF NAVAL RESEARCH 183413

Account Number 46-32-19-364

1. John A. Saldeen, 8067, Electronics Engineering Assistant..	ZN50	\$ 3 525
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U.S. N.O.N.R. 183434

Account Number 46-32-19-370

1. Joseph A. Massa, Jr., 8639, Scientific Analyst.....	N	\$ 5 700
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U.S. PUBLIC HEALTH SERVICE 2G722

Account Number 46-32-20-137

1. Judith A. Gilder, 8451, Clerk-Typist II.....	ZN50	\$ 1 560
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U.S. PUBLIC HEALTH SERVICE RG8197

Account Number 46-32-20-343

1. Margaret C. Gregorich, 8576, Clerk-Stenographer III.....	ZN34	\$ 1 200
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U.S. PUBLIC HEALTH SERVICE B574

Account Number 46-32-20-374

1. Margaret C. Gregorich, 8576, Clerk-Stenographer III.....	ZN33	\$ 1 200
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U.S. PUBLIC HEALTH SERVICE 2G321

Account Number 46-32-20-383

1. James H. Johnson, 8477, Assistant Laboratory Attendant..	N	\$ 3 600
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U.S. PUBLIC HEALTH SERVICE C3986

Account Number 46-32-20-385

1. James R. Hunsley, 8169, Junior Laboratory Attendant..... H \$ 3 604

U.S. PUBLIC HEALTH SERVICE RG5829

Account Number 46-32-20-390

1. _____, 9317, Clerk-Stenographer I..... N \$ 2 880

2. Jana L. Bristow, 7244, Clerk-Stenographer II..... ZN50 1 500

Total, U.S. Public Health Service RG5829..... \$ 4 380

U.S. PUBLIC HEALTH SERVICE A3086

Account Number 46-32-20-392

1. _____, 8504, Scientific Analyst..... N \$ 4 800

Classics

Account Number 00-32-22-100

1. V. M. Grabarkewitz, 0835, Clerk-Typist II..... N50 \$ 1 710

Total, Classics \$ 1 710**English**

Account Number 00-32-25-100

1. Mary K. Peer, 0837, Administrative Clerk..... N \$ 8 800

2. Nina L. Logan, 0840, Clerk-Stenographer III..... N 4 200

3. Linda D. Nickelson, 0839, Clerk-Typist I..... N 2 820

4. Patricia L. Kerr, 8892, Clerk-Typist II..... N 3 000

5. Nancy Kay Wilson, 7496, Clerk-Typist II..... N 3 540

6. Marguerite R. Fisher, 0838, Secretary — Stenographic.... N 5 970

Total, English \$28 330**Entomology**

Account Number 00-32-28-100

1. _____, Clerk-Typist I..... N \$ 3 200

2. Ruth A. Plymire, 0842, Clerk-Typist III..... N 4 020

Total, Entomology \$ 7 220**French**

Account Number 00-32-31-100

1. Martha M. Fisher, 0843, Clerk-Stenographer III..... N \$ 4 800

2. _____, Clerk-Stenographer III..... N50 2 000

Total, French \$ 6 800**Division of General Studies**

Account Number 00-32-37-100

1. Elizabeth W. Schultz, 0836, Secretary — Stenographic.... N \$ 6 180

2. _____, Storekeeper II..... G 3 300

(Ten months)

Total, Division of General Studies..... \$ 9 480**Geography**

Account Number 00-32-43-100

1. James A. Bier, 7194, Cartographer..... N \$ 7 500

2. Dorothy D. Coslet, 7708, Clerk-Stenographer I..... N50 1 800

3. Gladys Hollingshead, 0844, Secretary — Stenographic.... N 6 630

Total, Geography \$15 930**Geology**

Account Number 00-32-46-100

1. Shirley L. Ate, 9272, Clerk-Typist I..... N50 \$ 1 590

2. Patricia A. Schneider, 0846, Clerk-Typist II..... N 3 180

3. Sylvia S. Coogan, 0847, Clerk-Typist III..... N 3 990

4. Rosa M. Nickell, 0845, Secretary — Stenographic.... N 7 200

Total, Geology \$15 960

German

Account Number 00-32-49-100

1. Herta V. Murrell, 0848, Clerk-Stenographer III.....	N	\$ 4 020
<i>Total, German</i>		<u>\$ 4 020</u>

History

Account Number 00-32-52-100

1. Mary R. Brakeville, 8858, Clerk-Stenographer II.....	N	\$ 3 300
2. Ruth H. Lewis, 0849, Secretary — Stenographic.....	N	6 180
<i>Total, History</i>		<u>\$ 9 480</u>

School of Life Sciences

Account Number 00-32-53-100

1. Dorothy M. Smith, 6511, Assistant to Museum Curator....	N60	\$ 2 910
2. Shirley A. Haggstrom, 0900, Clerk-Stenographer III.....	N50	1 920
3. Charles H. Beiger, Jr., 7330, Technical Draftsman-Illustrator I	N	4 800
4. Roy J. Charles, 0503, Senior Laboratory Mechanic.....	N	7 212
5. Alexander S. Wilson, 0502, Senior Laboratory Mechanic..	N	7 212
6. Harry C. Henriksen, 6792, Museum Preparator.....	N	6 330
7. E. Kathleen Seeds, 0507, Secretary — Stenographic.....	N	5 280
8. Norman L. Miller, 0505, Instrument and Measurement Technician I	N	4 800
9. Francis E. Dilley, 5543, Instrument and Measurement Technician II	N	7 320
<i>Total, School of Life Sciences</i>		<u>\$47 784</u>

Indirect Costs — Life Sciences

Account Number 40-32-53-300

1. Phyllis L. Genzel, 8866, Clerk-Typist III.....	ZN50	\$ 1 860
(Total Salary)		(3 720)
<i>Total, Indirect Costs — Life Sciences</i>		<u>\$ 1 860</u>

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE 2G720

Account Number 46-32-53-165

1. Rita L. Disimone, 8292, Clerk-Stenographer III.....	N50	\$ 2 160
2. Phyllis L. Genzel, 8866, Clerk-Typist III.....	ZN25	930
3. Ervie T. Ditzler, 8714, Instrument Maker.....	ZN67	5 439
(Total Salary)		(8 158)
<i>Total, U.S. Public Health Service 2G720</i>		<u>\$ 8 529</u>

U.S. OFFICE OF NAVAL RESEARCH 183430

Account Number 46-32-53-360

1. Frances E. Engle, 7723, Senior Laboratory Attendant.....	N	\$ 5 640
2. Phyllis L. Genzel, 8866, Clerk-Typist III.....	ZN12	459
<i>Total, U.S. Office of Naval Research 183430</i>		<u>\$ 6 099</u>

U.S. OFFICE OF NAVAL RESEARCH 183409

Account Number 46-32-53-361

1. Phyllis L. Genzel, 8866, Clerk-Typist III.....	ZN13	\$ 471
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Mathematics

Account Number 00-32-54-100

1. Jelane W. Huber, 0851, Typing Clerk II.....	N	\$ 3 000
2. Barbara J. Beadles, 9323, Clerk-Typist II.....	ZN50	1 500
(Total Salary)		(3 000)
3. Marilyn R. Cullen, 7346, Clerk-Typist II.....	N	3 420
4. ———, Clerk-Typist III.....	N	3 600
5. ———, Clerk-Typist III.....	N	3 600
6. Lucretia M. Levy, 6642, Assistant Mathematics Editor....	N58	5 280
7. Marion Corzine, 0850, Secretary — Stenographic.....	N	6 600
<i>Total, Mathematics</i>		<u>\$27 000</u>

Indirect Costs — Mathematics

Account Number 40-32-54-300

1. Barbara J. Beadles, 9323, Clerk-Typist II.....	ZN50	\$ 1 500
<i>Total, Indirect Costs — Mathematics.....</i>		<i>\$ 1 500</i>

Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G14965

Account Number 46-32-54-155

1. Suzanne Burrow, Clerk-Typist I.....	N	\$ 3 300
2. Marjorie M. Beasley, 8141, Secretary — Stenographic.....	N	5 100
<i>Total, U.S. National Science Foundation G14965.....</i>		<i>\$ 8 400</i>

Microbiology

Account Number 00-32-55-100

1. John L. Buckner, 0506, Natural Science Technical Assistant	N	\$ 6 480
2. Leonora C. Updike, 5000, Assistant Laboratory Attendant..	N	3 760
3. Lela B. McElwee, 0510, Junior Laboratory Attendant.....	N	4 680
4. William H. Morse, 8021, Animal Caretaker.....	N	5 520
5. Mary K. Johnson, 0509, Clerk-Stenographer III.....	N	4 020
6. Dorothy A. Retzolk, 0508, Clerk-Typist III.....	N	3 810
7. Rose A. Neumann, 0511, Secretary — Stenographic.....	ZN75	3 735
(Total Salary)		(4 980)
8. Rovenia Fitzgerald, 8391, Secretary — Transcribing.....	N	4 980
9. Owen G. Gilbert, 7935, Stock Culture Technician.....	N	5 010
<i>Total, Microbiology</i>		<i>\$41 995</i>

Cooperative Investigations

U.S. ATOMIC ENERGY COMMISSION 1035

Account Number 46-32-55-302

1. Barbara J. Gaiennie, 9468, Junior Laboratory Attendant..	N	\$ 3 960
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AMERICAN CANCER SOCIETY E59B

Account Number 44-32-55-305

1. Hazel I. Ragle, 6524, Assistant Laboratory Attendant.....	N	\$ 3 700
2. Effie G. Bailey, 0512, Junior Laboratory Attendant.....	N	4 480
3. Elsie G. Cameron, 8505, Junior Laboratory Attendant.....	N	4 400
<i>Total, American Cancer Society E59B.....</i>		<i>\$12 580</i>

U.S. NATIONAL SCIENCE FOUNDATION G10798

Account Number 46-32-55-357

1. Robert L. Jones, 6557, Assistant Laboratory Attendant....	N	\$ 3 700
2. Rose A. Neumann, 0511, Secretary — Stenographic.....	ZN25	1 245
<i>Total, U.S. National Science Foundation G10798.....</i>		<i>\$ 4 945</i>

U.S. NATIONAL SCIENCE FOUNDATION G18745

Account Number 46-32-55-361

1. Helene V. Becker, Clerk-Stenographer III.....	N	\$ 3 900
2. Margaret E. McCarty, 8868, Clerk-Typist II.....	N50	1 500
<i>Total, U.S. National Science Foundation G18745.....</i>		<i>\$ 5 400</i>

U.S. NATIONAL SCIENCE FOUNDATION G15080

Account Number 46-32-55-363

1. ———, 8488, Junior Laboratory Attendant.....	N50	\$ 1 920
2. ———, 8698, Senior Laboratory Attendant.....	N	4 920
<i>U.S. National Science Foundation G15080.....</i>		<i>\$ 6 840</i>

U.S. PUBLIC HEALTH SERVICE 2G-510

Account Number 46-32-55-370

1. ———, 8517, Junior Laboratory Attendant.....	N75	\$ 3 090
2. ———, 8518, Biochemistry Technologist.....	N	4 620
<i>Total, U.S. Public Health Service 2G-510.....</i>		<i>\$ 7 710</i>

U.S. PUBLIC HEALTH SERVICE E3552

Account Number 46-32-55-372

1. Janet E. Mullvain, 9385, Junior Laboratory Attendant.....	N	\$ 4 200
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1900

BOARD OF TRUSTEES

[June 20]

U.S. PUBLIC HEALTH SERVICE WP16

Account Number 46-32-55-380

1. Norman L. Ryckman, 9123, Junior Laboratory Attendant..	N	\$ 3 960
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Philosophy

Account Number 00-32-57-100

1. Betty M. Moore, 0852, Clerk-Stenographer III.....	N	\$ 4 260
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2. Barbara F. Hickman, 7983, Clerk-Typist II.....	G	1 935
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(Nine months)

<i>Total, Philosophy</i>		<u>\$ 6 195</u>
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Physiology

Account Number 00-32-60-100

1. Stella Montgomery, 5514, Foods Laboratory Assistant....	N	\$ 3 900
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2. Darrel D. Huls, 8870, Junior Laboratory Attendant.....	N	3 960
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3. _____, Junior Laboratory Attendant.....	N	4 500
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4. Olen Mackey, 0855, Animal Caretaker.....	N	5 880
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5. Mary J. Arndt, 7840, Clerk-Stenographer I.....	N	(3 600)
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6. Glennis Helms, 8435, Clerk-Stenographer III.....	N	4 260
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7. Edythe Davis, 0856, Clerk-Typist III.....	N	4 320
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8. _____, 0854, Secretary — Stenographic.....	N	4 380
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9. Russell J. Gillogly, 0853, Storekeeper III.....	N	5 880
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10. Frances D. Robbins, 8087, Biochemistry Technologist.....	N	5 070
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<i>Total, Physiology</i>		<u>\$42 150</u>
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Indirect Costs — Physiology

Account Number 40-32-60-300

1. Judith A. Shotton, 8295, Clerk-Typist III.....	ZN30	\$ 1 041
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(Total Salary)		(3 450)
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<i>Total, Indirect Costs — Physiology</i>		<u>\$ 1 041</u>
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Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE 2G619

Account Number 46-32-60-184

1. Judith A. Shotton, 8295, Clerk-Typist III.....	ZN14	\$ 495
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U.S. ATOMIC ENERGY COMMISSION 878

Account Number 46-32-60-308

1. Barbara D. Butler, 8807, Senior Laboratory Attendant....	N	\$ 5 280
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2. Judith A. Shotton, 8295, Clerk-Typist III.....	ZN34	1 188
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<i>Total, U.S. Atomic Energy Commission 878</i>		<u>\$ 6 468</u>
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U.S. PUBLIC HEALTH SERVICE A4210

Account Number 46-32-60-385

1. Elizabeth H. Moore, 9299, Clerk-Stenographer III.....	N	\$ 4 704
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2. Judith A. Shotton, 8295, Clerk-Typist III.....	ZN7	231
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<i>Total, U.S. Public Health Service A4210</i>		<u>\$ 4 935</u>
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U.S. PUBLIC HEALTH SERVICE RG7939

Account Number 46-32-60-387

1. Judith A. Shotton, 8295, Clerk-Typist III.....	ZN15	\$ 495
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Political Science

Account Number 00-32-63-100

1. Ina J. Hardesty, 8410, Clerk-Stenographer III.....	N	\$ 3 600
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2. Carolyn J. Higgs, 0857, Clerk-Stenographer III.....	N	4 800
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<i>Total, Political Science</i>		<u>\$ 8 400</u>
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Psychology

Account Number 00-32-66-100

1. Carol Singer, 7050, Personnel Assistant II.....	N	\$ 3 780
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2. Donald E. May, 8887, Equipment Attendant.....	N51	2 000
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(Total Salary)		(3 900)
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3. Ulysses G. Mullen, 0864, Assistant Laboratory Attendant..	N50	1 885
(Total Salary)		(3 770)
4. Joan G. Fenstermaker, 0860, Chief Clerk.....	N	5 280
5. Jacquelyn M. Long, 7098, Clerk-Stenographer III.....	N	3 900
6. Phyllis L. Steward, 7527, Clerk-Stenographer III.....	N	4 290
7. Mary Kay Babb, 8261, Clerk-Typist I.....	N	2 820
8. Marilyn J. Arnold, 8907, Clerk-Typist II.....	N	3 120
9. Marcia K. Lecher, 0866, Clerk-Typist II.....	N	3 210
10. Patricia K. Fullagar, 0863, Clerk-Typist III.....	N50	1 890
11. Ellen M. Thilker, 0862, Clerk-Typist III.....	N	3 900
12. Merle Ridgley, 1492, Instrument Maker.....	N	8 158
<i>Total, Psychology</i>		\$44 233

Indirect Costs — Psychology

Account Number 40-32-66-300

1. Donald E. May, 8887, Equipment Attendant.....	ZN49	\$ 1 900
<i>Total, Indirect Costs — Psychology</i>		\$ 1 900

Cooperative Investigations

NATIONAL DEFENSE EDUCATION ACT PROGRAM — PSYCHOLOGY

Account Number 41-32-66-367

1. Nancy E. Deedrick, 9300, Clerk-Typist III.....	N50	\$ 1 800
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CARNEGIE CORPORATION — HUMAN MOTIVATION

Account Number 44-32-66-310

1. Sharon E. Ferguson, 8833, Clerk-Typist III.....	N75	\$ 3 000
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U.S. AIR FORCE 5705

Account Number 46-32-66-306

1. Albert H. Bowman, 5953, Model Maker.....	ZN50	\$ 4 160
(Total Salary)		(8 320)
2. Genevieve C. Baker, 0873, Secretary — Transcribing.....	ZN50	2 430
(Total Salary)		(4 860)
<i>Total, U.S. Air Force 5705</i>		\$ 6 590

U.S. AIR FORCE 1481

Account Number 46-32-66-308

1. Albert H. Bowman, 5953, Model Maker.....	ZN50	\$ 4 160
2. Genevieve C. Baker, 0873, Secretary — Transcribing.....	ZN50	2 430
<i>Total, U.S. Air Force 1481</i>		\$ 6 590

U.S. ARMY MEDICAL DIVISION 2060

Account Number 46-32-66-316

1. Janolee A. Krueger, 8905, Clerk-Typist III.....	N	\$ 3 900
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U.S. OFFICE OF NAVAL RESEARCH 183439

Account Number 46-32-66-357

1. ———, 9236, Statistical Clerk.....	N	\$ 3 600
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U.S. OFFICE OF EDUCATION 1411

Account Number 46-32-66-359

1. Judith A. Barker, 8007, Clerk-Stenographer I.....	N	\$ 2 700
2. Mabel W. Wolf, 6495, Clerk-Typist II.....	N	3 120
<i>Total, U.S. Office of Education 1411</i>		\$ 5 820

U.S. OFFICE OF NAVAL RESEARCH 1834-36

Account Number 46-32-66-362

1. Eleanor H. Mikesell, 8545, Statistical Clerk.....	N	\$ 3 810
2. Julia H. Watson, 7637, Clerk-Stenographer III.....	ZN50	1 980
(Total Salary)		(3 960)
<i>Total, U.S. Office of Naval Research 1834-36</i>		\$ 5 790

U.S. PUBLIC HEALTH SERVICE M1206

Account Number 46-32-66-365

1. Evelyne V. Downs, 5682, Statistical Clerk.....	N	\$ 3 600
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U.S. PUBLIC HEALTH SERVICE M1774

Account Number 46-32-66-367

1. Jill V. Ali, 7736, Clerk-Stenographer III..... N \$ 4 020

U.S. PUBLIC HEALTH SERVICE M1733

Account Number 46-32-66-371

1. Peggy A. Downing, 8183, Clerk-Typist II..... N \$ 2 640

2. Carolyn S. Roland, 7652, Clerk-Typist II..... N25 660

3. ———, 7474, Statistician I..... N50 2 316

Total, U.S. Public Health Service M1733..... \$ 5 616**U.S. PUBLIC HEALTH SERVICE M4881**

Account Number 46-32-66-373

1. Barbara L. Anderson, 8894, Clerk-Typist II..... N \$ 3 600

U.S. PUBLIC HEALTH SERVICE M5754

Account Number 46-32-66-380

1. Vivian D. Bilbrey, 9495, Assistant Laboratory Attendant.. N \$ 3 240

Russian

Account Number 00-32-68-100

1. Pauline M. Apperson, 8013, Clerk-Stenographer III..... N \$ 4 380

Total, Russian \$ 4 380**Sociology**

Account Number 00-32-69-100

1. Coena B. Blair, 0883, Clerk-Typist II..... N \$ 3 000

2. Elma L. Castor, 0882, Secretary — Stenographic..... N 7 200

Total, Sociology \$10 200**Cooperative Investigations****FORD FOUNDATION — RECIDIVISM**

Account Number 44-32-69-329

1. A. Dorothy Triffo, 7475, Clerk-Stenographer III..... N \$ 3 900

U.S. PUBLIC HEALTH SERVICE RG9644

Account Number 46-32-69-365

1. Fern M. Hartz, 9375, Clerk-Stenographer III..... N50 \$ 2 400

STATE OF ILLINOIS DIVISION OF HIGHWAYS —**SOCIAL FACTORS IN TRAFFIC**

Account Number 47-32-69-378

1. Margaret D. Lawhorn, 8144, Clerk-Stenographer III..... ZN47 \$ 1 680
(Total Salary) (3 600)**Spanish, Italian, and Portuguese**

Account Number 00-32-72-100

1. Judith J. Zelenka, 8422, Clerk-Stenographer II..... G \$ 2 430

(Nine months)

2. Mary E. Valdes, 0885, Clerk-Stenographer III..... N 4 260

Total, Spanish, Italian, and Portuguese..... \$ 6 690**Speech and Theatre**

Account Number 00-32-75-100

1. Nancy J. Green, 5205, Clerk-Stenographer II..... N \$ 3 240

2. Shirley J. Davidson, 0888, Clerk-Stenographer III..... N 4 110

3. Joan N. Moretta, 0890, Clerk-Stenographer III..... N 3 960

4. Wilma J. Rodgers, 0889, Clerk-Stenographer III..... N 3 900

5. B. June Tinsley, 0887, Clerk-Stenographer III..... N 3 840

6. Mary C. Scarnavack, 0891, Clerk-Typist II..... N 2 700

7. Katherine A. Mullen, 0886, Secretary — Stenographic..... N 7 200

8. Erwin A. Jung, 1491, Electronics Technician II..... N75 4 650

9. Jerry R. Powell, 1491, Electronics Technician II..... H25 2 000

Total, Speech and Theatre..... \$35 600

Zoology

Account Number 00-32-79-100

1. Alice A. Boatright, 0899, Scientific Artist.....	G	\$ 5 100
(Ten months)		
2. Marvin K. Gerlach, 0895, Assistant Laboratory Attendant..	N	3 480
3. Ruth W. Bruckner, 0894, Clerk-Stenographer III.....	N	4 800
4. ———, 0893, Clerk-Stenographer III.....	N	4 140
5. Geraldine Cumberland, 0896, Clerk-Typist II.....	N	3 180
6. Dennise M. Spiegel, 0898, Clerk-Typist II.....	N	2 820
7. ———, Clerk-Typist II.....	N	3 000
8. August Kosowski, 0897, Senior Laboratory Mechanic.....	N	7 212
9. Robert W. Hinton, 0892, Storekeeper III.....	N	5 880
<i>Total, Zoology</i>		<u>\$39 612</u>

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE RG 7779

Account Number 46-32-79-373

1. Mary J. Nagel, 8052, Scientific Analyst	N	\$ 4 800
2. Mary S. Shelton, 8571, Senior Laboratory Attendant.....	N	5 280
<i>Total, U.S. Public Health Service RG 7779</i>		<u>\$10 080</u>

COLLEGE OF PHYSICAL EDUCATION**Administration**

Account Number 00-36-01-100

1. K. Judith Gerdes, 8008, Clerk-Stenographer I.....	N	\$ 2 880
2. Edna S. Arend, 9460, Clerk-Stenographer III.....	N	3 600
3. Leona Alexander, 1595, Administrative Secretary — Steno- graphic.....	N	6 960
<i>Total, Administration</i>		<u>\$13 440</u>

Health and Safety Education

Account Number 00-36-05-100

1. Jolene M. Marcacci, 8542, Clerk-Stenographer I.....	G50	\$ 1 125
(Nine months)		
2. ———, Clerk-Stenographer I.....	G50	1 020
(Nine months)		
3. Nancy M. Hertter, 1604, Clerk-Stenographer III.....	N	4 290
<i>Total, Health and Safety Education</i>		<u>\$ 6 435</u>

Division of Intramural Activities

Account Number 00-36-07-000

1. ———, Clerk-Stenographer II.....	N	\$ 3 400
2. ———, Secretary — Stenographic	N	4 600
<i>Total, Division of Intramural Activities</i>		<u>\$ 8 000</u>

Physical Education for Men

Account Number 00-36-10-100

1. Woodrow W. Brookey, 1600, Men's Locker Room Attendant	N	\$ 5 760
2. Donald Eason, 1598, Men's Locker Room Attendant.....	N	5 730
3. Forrest J. McCartney, 1596, Men's Locker Room Attendant	N	5 040
4. Glenna I. Powers, 8291, Clerk-Stenographer II.....	N	3 240
5. Barbara R. Henry, 1606, Clerk-Stenographer III.....	N	3 600
6. Elva Vogel, 5513, Clerk-Typist III.....	G88	2 760
(Nine months)		
7. Ann S. Fottler, 1602, Secretary — Stenographic.....	N	5 340
8. Bernice E. Sullivan, 1603, Secretary — Stenographic.....	N	5 550
9. Mary L. Jewett, 1605, Statistician I.....	N50	2 340
10. James S. Skinner, 8841, Statistician I.....	N50	1 950
11. Mary P. Frey, 6098, Medical Technologist II.....	N	5 130
<i>Total, Physical Education for Men</i>		<u>\$46 440</u>

Physical Education for Women

Account Number 00-36-20-100

1. Mary A. Iles, 1613, Women's Locker Room Attendant.....	H83	\$ 3 188
2. Opal Moyer, 1614, Women's Locker Room Attendant.....	H83	3 188
3. Harriett Smith, 1612, Women's Locker Room Attendant..	H83	2 877
4. _____, Clerk-Typist I.....	G50	900
(Nine months)		
5. _____, 7178, Clerk-Typist I.....	G50	1 125
(Nine months)		
6. Margaret A. Bird, 8316, Clerk-Typist II.....	N	2 760
7. Jo Ann Kuehl, 1611, Clerk-Typist II.....	N	2 580
8. _____, Clerk-Typist III.....	N	3 300
9. Margaret E. Hartrick, 1610, Secretary — Transcribing....	N	5 100
<i>Total, Physical Education for Women.....</i>		<u>\$25 018</u>

Recreation and Municipal Park Administration

Account Number 00-36-25-100

1. Kay J. Johnson, 9409, Clerk-Stenographer I.....	N	\$ 3 000
2. Wilma A. Raup, 1607, Clerk-Stenographer II.....	N	3 330
3. Maxine A. Mason, 1608, Secretary — Stenographic.....	N	5 280
<i>Total, Recreation and Municipal Park Administration...</i>		<u>\$11 610</u>

Student Rehabilitation Center

Account Number 00-36-30-100

1. Janet E. Little, 6515, Clerk II.....	N	\$ 3 300
2. Leta M. Cox, 8882, Clerk-Typist III.....	N	3 810
3. _____, 1609, Secretary — Transcribing.....	N	4 500
4. Fay F. Fergusson, Jr., 7831, Supervisor of Rehabilitation Equipment and Facilities.....	N	5 910
<i>Total, Student Rehabilitation Center.....</i>		<u>\$17 520</u>

Cooperative InvestigationsNATIONAL SOCIETY FOR CRIPPLED CHILDREN AND ADULTS —
BUILDING SPECIFICATIONS

Account Number 44-36-30-355

1. _____, 8142, Clerk-Typist II.....	N	\$ 1 920
2. _____, 8157, Architectural Draftsman I.....	G50	2 000
(Ten months)		
<i>Total, National Society for Crippled Children and Adults — Building Specifications</i>		<u>\$ 3 920</u>

STATE OF ILLINOIS DIVISION OF VOCATIONAL REHABILITATION —
E AND I REHABILITATION CENTER

Account Number 47-36-30-118

1. Henry P. Bowman, 9422, Chief Clerk.....	N	\$ 5 200
2. Shirley M. Ethridge, Clerk-Typist II.....	N	3 270
3. Martha E. Gibbs, 9424, Clerk-Typist II.....	N	3 120
<i>Total, State of Illinois Division of Vocational Rehabilitation — E and I Rehabilitation Center.....</i>		<u>\$11 590</u>

DIVISION OF UNIVERSITY EXTENSION**Administration**

Account Number 00-40-01-400

1. James G. Irwin, 1780, Chief Clerk.....	N	\$ 5 570
2. B. Joyce Ragsdale, 9251, Clerk-Stenographer III.....	N	3 930
3. Janice R. Peterson, 7387, Clerk-Typist II.....	N	2 940
4. Erlene B. Russell, 1783, Clerk-Typist III.....	N	4 350
5. Robert E. Ebeling, 1784, Duplicating Machine Operator I	N	3 120
6. Robert J. Silver, 1781, Duplicating Machine Operator III..	N	5 670
7. Marjorie F. Lewis, 1782, Secretary — Stenographic.....	N	5 940
<i>Total, Administration</i>		<u>\$31 520</u>

Correspondence Courses

Account Number 00-40-10-100

1. Judith C. Stout, 1801, Typing Clerk III.....	N	\$ 3 510
2. Carol M. Gummerson, 1800, Clerk-Stenographer III.....	N	4 230
3. Marie E. Bishop, 1806, Clerk-Typist I.....	N	2 400
4. Janet K. Kobel, 1804, Clerk-Typist I.....	N	2 940
5. _____, 1802, Clerk-Typist II.....	N	3 000
6. Christine L. Gobble, 1799, Clerk-Typist III.....	N	3 750
<i>Total, Correspondence Courses.....</i>		<u>\$19 830</u>

Cooperative Investigations

STATE OF ILLINOIS — PUBLIC SAFETY AND FIRE PREVENTION

Account Number 47-40-15-426

1. Carolyn L. Cole, 7450, Clerk-Typist II.....	N	\$ 3 450
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Conference Programs

Account Number 00-40-20-400

1. Louise W. Munson, 1770, Chief Clerk.....	ZN80	\$ 3 936
(Total Salary)		(4 920)
2. Martynas Zvilus, 3119, Chief Clerk.....	N	5 220
3. Christine E. English, 1786, Clerk-Stenographer III.....	N	3 990
4. Barbara J. Lucas, 1788, Clerk-Typist II.....	N	2 820
5. Eugene H. Schroth, 5302, Assistant Director of Allerton House	N	8 400
(Perquisites University — room and board)		
<i>Total, Conference Programs.....</i>		<u>\$24 366</u>

Short Courses and Conferences Revolving

Account Number 12-40-20-470

1. Max M. Paris, 1793, Commercial Artist II.....	N	\$ 7 320
2. Donna M. Nonman, 9421, Accounting Clerk I.....	N	3 150
<i>Total, Short Courses and Conferences Revolving.....</i>		<u>\$10 470</u>

Auxiliary — Allerton House Operation

Account Number 18-40-20-784

1. John L. Cruse, 3118, Clerk III.....	H	\$ 3 600
2. Louise W. Munson, 1770, Chief Clerk.....	ZN20	984
(Perquisites University — one meal)		
3. Edith Allison, 3104, First Cook.....	H	4 050
4. _____, 3107, Head Cook.....	H	3 696
5. Louise Gadbury, 6159, Second Cook.....	H	3 581
6. Avis Bennett, 8200, Kitchen Helper.....	H	3 030
7. L. Faye Hayes, 3116, Kitchen Helper.....	H	3 416
8. _____, 3108, Kitchen Helper.....	H	2 636
9. Mary H. Brooks, 3113, Housekeeper.....	H	3 946
10. Jessie Lyons, 4909, Housekeeper.....	H	3 946
11. Hildred F. Pirtle, 8503, Housekeeper.....	H	3 356
12. Leland Gale, 1775, Houseman.....	N	4 140
13. Melvin L. Imel, 1772, Kitchen Laborer.....	H	3 599
14. Dean J. Berry, 6603, Building Mechanic.....	N	5 700
15. Monroe L. Robinson, 6604, Building Mechanic.....	N	5 700
<i>Total, Auxiliary — Allerton House Operation.....</i>		<u>\$55 380</u>

Police Training Institute

Account Number 03-40-22-400

1. Leah M. Warren, 7128, Clerk-Stenographer II.....	N	\$ 3 180
<i>Total, Police Training Institute.....</i>		<u>\$ 3 180</u>

Extramural Classes

Account Number 00-40-30-400

1. M. Linnea Steward, 1787, Clerk-Stenographer II.....	N	\$ 3 570
2. Kathleen A. Stillwell, 1785, Clerk-Stenographer III.....	N	4 410
<i>Total, Extramural Classes.....</i>		<u>\$ 7 980</u>

Extramural Classes Revolving

Account Number 12-40-30-470

1. Anita J. Fleming, 9380, Clerk-Typist III.....	N	\$ 3 570
<i>Total, Extramural Classes Revolving.....</i>		<i>\$ 3 570</i>

Field Staff

Account Number 00-40-40-400

1. Lillian D. Asselmeier, 7129, Clerk-Typist II.....	N	\$ 3 540
2. Wilma B. Leefers, 7127, Clerk-Typist III.....	N	3 960
<i>Total, Field Staff.....</i>		<i>\$ 7 500</i>

Music Extension

Account Number 00-40-50-400

1. Constance E. Rose, 7275, Clerk-Typist II.....	N	\$ 2 640
2. Marjorie K. Olson, 1790, Clerk-Typist III.....	N	3 750
<i>Total, Music Extension.....</i>		<i>\$ 6 390</i>

Audio-Visual Aids

Account Number 00-40-60-400

1. Margaret J. Oare, 1792, Secretary — Transcribing.....	N	\$ 4 650
<i>Total, Audio-Visual Aids.....</i>		<i>\$ 4 650</i>

Visual Aids Revolving

Account Number 12-40-60-470

1. Mary M. Lee, 1796, Clerk III.....	N	\$ 4 050
2. Robert F. Adams, 7495, Chief Clerk.....	N	5 670
3. Mercedes Swisher, 1797, Typing Clerk II.....	N	3 330
4. Florence Nesler, 6258, Typing Clerk III.....	N	3 840
5. Judith M. Arbuckle, 7483, Clerk-Typist I.....	N	2 520
6. Mary M. Hinrichs, 5529, Clerk-Typist I.....	N	2 400
7. Nancy G. Kelly, 8506, Clerk-Typist I.....	N	2 520
8. Hildreth K. Johnson, 6171, Clerk-Typist II.....	N	3 540
9. Norma E. Taylor, 1798, Clerk-Typist II.....	N	2 820
10. Charles V. Craft, 6622, Audio-Visual Aids Technician I... N		3 900
11. Richard J. Latham, 7221, Audio-Visual Aids Technician I H50		1 500
12. Virgil R. Martin, 5602, Audio-Visual Aids Technician I... N		3 900
13. Ralph E. Specht, 6619, Audio-Visual Aids Technician I... N		3 900
14. Paul V. Trinkle, 6623, Audio-Visual Aids Technician I... N		3 900
15. —————, 6621, Audio-Visual Aids Technician I..... N		3 600
16. Donald E. Coffey, 5860, Audio-Visual Aids Technician II... N		4 500
17. Kenneth J. West, 5643, Audio-Visual Aids Technician II... N		4 500
18. Marion F. Hulmes, 6680, Audio-Visual Aids Technician III N		5 400
<i>Total, Visual Aids Revolving.....</i>		<i>\$65 790</i>

COLLEGE OF VETERINARY MEDICINE**Administration**

Account Number 00-44-01-100

1. Raymond T. Hamilton, 1626, Natural Science Technical Assistant	N	\$ 7 200
2. William R. Manuel, 1631, Natural Science Technical Assistant	N	6 510
3. Jack V. Washburn, 1627, Natural Science Technical Assistant	N	7 200
4. Kathryn B. Humphrey, 1634, Assistant Laboratory Attendant	N	3 760
5. Mary V. Rasner, 1635, Assistant Laboratory Attendant... N		3 770
6. John W. Neff, Jr., 9427, Junior Laboratory Attendant..... N		3 960
7. Anna S. Ray, 1633, Junior Laboratory Attendant..... N		4 680
8. Alfred C. Hunt, 1638, Senior Laboratory Attendant..... N		5 640
9. Mona B. Jervis, 1629, Senior Laboratory Attendant..... N		5 640
10. Rachel Marlowe, 1628, Senior Laboratory Attendant..... N		5 640

11. Robert B. Curry, 6669, Animal Caretaker.....	N	5 700
12. James Huber Davis, 1639, Animal Caretaker.....	N	5 700
13. Paul Reynolds, 1637, Animal Caretaker.....	N	5 880
14. Stanley E. Vaughn, 1630, Animal Caretaker.....	N	5 700
15. Don W. Wack, 5445, Animal Caretaker.....	N	5 700
(Perquisites University — housing)		
16. Albert E. Wolfe, 1636, Animal Caretaker.....	N	5 700
17. Doris M. Richards, 1622, Typing Clerk III.....	ZN87	4 176
(Total Salary)		(4 800)
18. Eileen J. Bourgois, 8188, Clerk-Stenographer II.....	N	3 510
19. Harriet M. Casleton, 7993, Clerk-Stenographer II.....	ZN50	1 815
(Total Salary)		(3 630)
20. Peggy J. Leffler, 5113, Clerk-Stenographer II.....	N	3 180
21. Sherry R. Mills, 1621, Clerk-Stenographer II.....	N	3 210
22. Beverly A. Seward, 1619, Clerk-Stenographer II.....	N	3 510
23. Nancy K. Slaton, 1625, Clerk-Stenographer II.....	N	3 690
24. Dorothy R. Severson, 1623, Clerk-Typist II.....	N	3 600
25. Helen V. Olson, 6940, Junior Illustrator.....	ZN50	2 400
(Total Salary)		(3 600)
26. Blanche H. Hamilton, 1617, Secretary — Stenographic....	N	6 990
27. Kathryn R. Hill, 1618, Secretary — Transcribing.....	N	6 660
28. Carrie McGreevy, 1616, Administrative Secretary — Steno- graphic	N	8 400
29. David V. Tolle, 9101, Biochemistry Technologist.....	N	4 650
<i>Total, Administration</i>		<u>\$144 171</u>

Veterinary Clinic Revolving

Account Number 12-44-20-270

1. Mary A. Dickinson, 1624, Typing Clerk II.....	N	\$ 3 390
2. Barbara Pfister, 8906, Clerk-Stenographer I.....	N	3 120
3. Sue B. Malina, 1620, Clerk-Stenographer II.....	N	3 540
4. Sue A. Sadler, 6733, Clerk-Stenographer II.....	N	4 200
<i>Total, Veterinary Clinic Revolving</i>		<u>\$14 250</u>

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE E2084

Account Number 46-44-01-366

1. R. W. Anderson, 0921, Senior Laboratory Attendant.....	ZN25	\$ 1 310
(Total Salary)		(5 250)
2. Leslie Ivan Elder, Jr., 8508, Senior Laboratory Attendant	ZN25	1 320
(Total Salary)		(5 280)
3. James G. Lykins, 8338, Animal Caretaker.....	ZN50	2 850
(Total Salary)		(5 700)
4. Doris M. Richards, 1622, Typing Clerk III.....	ZN13	624
<i>Total, U.S. Public Health Service E2084</i>		<u>\$ 6 104</u>

U.S. PUBLIC HEALTH SERVICE A5158

Account Number 46-44-10-365

1. Benjamin E. Downs, 8832, Senior Laboratory Attendant..	N	\$ 5 280
2. James A. Richards, 9401, Senior Laboratory Attendant....	N	5 280
3. Leonard D. White, 6746, Animal Caretaker.....	N	5 700
<i>Total, U.S. Public Health Service A5158</i>		<u>\$16 260</u>

U.S. PUBLIC HEALTH SERVICE 2G-239

Account Number 46-44-30-167

1. James G. Lykins, 8338, Animal Caretaker.....	ZN50	\$ 2 850
(Total Salary)		(5 700)
2. Harriet M. Casleton, 7993, Clerk-Stenographer II.....	ZN50	1 815
(Total Salary)		(3 630)
3. Helen V. Olson, 6940, Junior Illustrator.....	ZN25	1 200
(Total Salary)		(3 600)
<i>Total, U.S. Public Health Service 2G-239</i>		<u>\$ 5 865</u>

U.S. PUBLIC HEALTH SERVICE 2E178

Account Number 46-44-30-173

1. Janet S. Manning, 8710, Clerk-Stenographer III.....	N	\$ 4 200
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U.S. OFFICE OF NAVAL RESEARCH 183437

Account Number 46-44-30-358

1. Helen S. Straub, 8305, Assistant Laboratory Attendant....	N	\$ 3 600
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U.S. PUBLIC HEALTH SERVICE H5871

Account Number 46-44-30-362

1. Samuel E. Hacker, 9360, Junior Laboratory Attendant....	N	\$ 4 120
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U.S. PUBLIC HEALTH SERVICE E2087

Account Number 46-44-30-363

1. Raymond F. Brumitt, 9481, Senior Laboratory Attendant..	N	\$ 4 920
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U.S. PUBLIC HEALTH SERVICE E3077

Account Number 46-44-30-371

1. Leslie Ivan Elder, Jr., 8508, Senior Laboratory Attendant..	ZN75	\$ 3 960
(Total Salary)		(5 280)

U.S. PUBLIC HEALTH SERVICE E3615

Account Number 46-44-30-372

1. Arthur E. Rittenhouse, 8436, Assistant Laboratory At- tendant	N	\$ 3 240
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ARMED FORCES**Air Force Science**

Account Number 00-50-10-100

1. M. Loraine Royce, 5052, Clerk-Stenographer II.....	N	\$ 4 140
2. Betty L. Kuykendall, 1818, Clerk-Typist II.....	N	3 240
3. Sally A. Walters, 7208, Clerk-Typist II.....	N	2 640
<i>Total, Air Force Science.....</i>		<u>\$10 020</u>

Military Science

Account Number 00-50-30-100

1. Karen K. Benschneider, 1811, Clerk-Stenographer II.....	N	\$ 3 120
2. Linda D. Volz, 1812, Clerk-Stenographer II.....	N	3 480
3. Nancy D. Flyte, 1808, Clerk-Typist II.....	N	3 600
<i>Total, Military Science.....</i>		<u>\$10 200</u>

Naval Science

Account Number 00-50-40-100

1. Patricia D. Stapp, 1816, Clerk-Stenographer III.....	N	\$ 4 020
<i>Total, Naval Science.....</i>		<u>\$ 4 020</u>

INSTITUTE OF AVIATION

Account Number 00-52-10-100

1. Vern H. Pittman, 1821, Head Airport Caretaker.....	N	\$ 7 800
(Perquisites University — house)		
2. Glenna G. Beaver, 1841, Clerk III.....	N	4 440
3. Phoebe A. Burt, 7414, Clerk III.....	ZN50	1 980
(Total Salary)		(3 960)
4. Sharon E. Smith, 1844, Clerk-Stenographer I.....	N	2 940
5. Mary O. Jordan, 1842, Clerk-Stenographer III.....	N	4 800
6. Helen L. Colbert, 7457, Clerk-Typist II.....	N50	1 710
7. Ruth L. Fiscus, 1843, Clerk-Typist II.....	N	3 600
8. Forrest L. Lancaster, 1819, Aircraft Maintenance Engineer	N	13 200
9. F. B. Schaber, 1820, Aircraft Shop Foreman.....	N	9 600
10. John T. Pringle, 1826, Aircraft Shop Subforeman.....	N	8 135
11. Ray Carmien, 8248, Laborer.....	P	(5 638)
12. Anderson B. Clark, 3125, Laborer.....	P	(5 638)
13. Paul J. Eckstein, 3126, Laborer.....	P	(5 638)
14. Elmer J. Kleiss, 3124, Laborer.....	P	(5 950)
15. Orville C. Pittman, 3127, Laborer.....	P	(5 638)

16. Ben D. Redding, 8423, Laborer.....	P	(5 638)
17. Alvin F. Schaefer, 3129, Laborer.....	P	(5 950)
18. Chester C. Summers, 3130, Laborer.....	P	(5 638)
19. Marion F. Thomas, 3131, Laborer.....	P	(5 638)
20. Russell J. Yeazel, 3132, Laborer.....	P	(5 638)
21. Arthur J. Streid, 1838, Lineman I.....	N	4 680
22. Donald E. Ditzler, 1835, Lineman II.....	N	4 920
23. Robert E. Fryer, 1836, Lineman II.....	N	5 915
24. Joseph L. Miller, 1832, Lineman II.....	N	6 150
25. Harry T. Demeris, 1833, Chief Lineman.....	N	6 800
26. Walter H. Hart, 9485, Airport Fire Marshal.....	N	6 000
27. Raymond E. Anderson, 1828, Master Aircraft and Aircraft Engine Mechanic	N	7 540
28. Milton C. Bates, 1822, Master Aircraft and Aircraft En- gine Mechanic	N	8 230
29. Floyd W. Bowerman, 1825, Master Aircraft and Aircraft Engine Mechanic	N	8 045
30. Robert L. Deshazo, 1831, Senior Aircraft Maintenance Mechanic	N	6 840
31. Wayne Mandrell, 1823, Master Airport Mechanic.....	N	8 170
32. Leonard R. Rexroad, 1824, Master Airport Mechanic.....	N	7 850
33. William W. Brooks, 1827, Master Aircraft Instrument Repairman	N	7 980
34. Gertrude C. Becker, 1839, Administrative Secretary— Stenographic	N	8 670
35. _____, Storekeeper I.....	N	3 960
36. C. E. Horn, 1840, Storekeeper III.....	N	5 880
Total, Institute of Aviation.....		<u>\$165 835</u>

Airport Revolving

Account Number 12-52-10-270

1. Phoebe A. Burt, 7414, Clerk III.....	ZN50	\$ 1 980
2. Walter Schroeder, 3120, Driver.....	P	(5 610)
3. Glen W. Shipley, 3121, Driver.....	P	(5 610)
4. John M. Shott, 3122, Driver.....	P	(5 610)
5. Jon T. Fruzen, 9156, Aircraft Maintenance Mechanic Helper	N	3 300
6. Doyle J. Langford, 8247, Aircraft Maintenance Mechanic Helper.....	N	3 800
7. Dickie D. Schwabe, 1830, Aircraft Maintenance Mechanic Helper	N	3 920
8. Allan M. Johnson, 8699, Lineman I.....	N	4 680
9. George D. Temples, 8575, Lineman I.....	N	4 680
10. Darwin D. Zachay, 1829, Senior Aircraft Maintenance Me- chanic	N	6 840
11. Gordon J. Willenbring, 6673, Master Aircraft Radio Re- pairman.....	N	6 780
Total, Airport Revolving.....		<u>\$35 980</u>

INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS

Account Number 00-56-10-300

1. Lorena L. McClain, 5115, Clerk-Typist II.....	N50	\$ 1 620
2. Loretta M. Ward, 3133, Clerk-Typist II.....	N	3 300
3. Doris E. Falk, 1847, Secretary—Stenographic.....	N	5 730
Total, Institute of Government and Public Affairs.....		<u>\$10 650</u>

Cooperative Investigations

FORD FOUNDATION—LEGISLATIVE INTERNS

Account Number 44-56-10-128

1. Jean M. Baker, 8215, Clerk-Stenographer III.....	ZN20	\$ 890
(Total Salary)		(4 440)

STATE OF ILLINOIS MUNICIPAL PROBLEMS COMMISSION —
CITIES AND VILLAGE ACT

Account Number 47-56-10-311

1. Jean M. Baker, 8215, Clerk-Stenographer III..... ZN80 \$ 3 550

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

Account Number 00-60-10-300

1. Ronald C. Foreman, Jr., 1850, Editorial Assistant.....	N50	\$ 2 520
2. Anice J. Duncan, 1855, Chief Clerk.....	N	5 370
3. Sharon M. Allen, 1861, Clerk-Stenographer II.....	N	3 300
4. Marian L. Brinkerhoff, 1857, Clerk-Stenographer II.....	N	3 600
5. Annette A. Weidert, 1856, Clerk-Stenographer III.....	N	4 050
6. _____, Clerk-Stenographer III.....	N	4 530
7. Emma J. Keenan, 1863, Clerk-Typist I.....	N	2 610
8. _____, 1862, Clerk-Typist II.....	N	2 820
9. Jean K. Sandberg, 1860, Clerk-Typist III.....	N	3 300
10. Mary L. Murray, 1853, Secretary — Stenographic.....	N	6 570
<i>Total, Institute of Labor and Industrial Relations.....</i>		<u>\$38 670</u>

JANE ADDAMS GRADUATE SCHOOL OF SOCIAL WORK

Account Number 00-68-10-100

1. Carole J. Swanlund, 7617, Clerk-Stenographer II.....	ZN50	\$ 2 145
(Total Salary)		(4 290)
2. Marjorie Gibbons, 5268, Clerk-Stenographer III.....	N	3 870
3. Mary A. Tichenor, 1878, Clerk-Stenographer III.....	N	3 870
4. _____, 5371, Secretary — Stenographic.....	N	4 800
5. Jo Schmalhausen, 1877, Administrative Secretary — Steno- graphic.....	N	8 770
<i>Total, Jane Addams Graduate School of Social Work....</i>		<u>\$23 455</u>

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE 2M6344

Account Number 46-68-10-166

1. Carole J. Swanlund, 7617, Clerk-Stenographer II.....	ZN50	\$ 2 145
2. _____, 8794, Clerk-Stenographer II.....	N	4 200
<i>Total, U.S. Public Health Service 2M6344.....</i>		<u>\$ 6 345</u>

U.S. PUBLIC HEALTH SERVICE 2M6552

Account Number 46-68-10-165

1. Ruby Collins, 7712, Clerk-Typist III.....	N	\$ 4 200
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UNIVERSITY PRESS

Account Number 00-78-10-400

1. Karen W. Dahlen, 1702, Editorial Assistant.....	N	\$ 4 140
2. Ursula A. Weise, 5540, Editorial Assistant.....	N	5 300
3. Rachel E. Edwards, 1704, Clerk III.....	N	4 100
4. Ida Klorfine, 1706, Typing Clerk II.....	N	3 240
5. Dorothy Buchanan, 1705, Clerk-Typist II.....	ZN50	1 530
(Total Salary)		(3 060)
6. Vivian M. Sadewater, 5091, Clerk-Typist III.....	N	4 500
7. Lois I. Buescher, 1703, Secretary — Stenographic.....	N	5 220
<i>Total, University Press.....</i>		<u>\$28 030</u>

Art Service

Account Number 09-78-10-902

1. Charles T. Flora, 6409, Commercial Artist I.....	N75	\$ 4 500
2. Ute M. Jansen, 3099, Commercial Artist I.....	N	4 200
3. Nancy L. Tomasson, 7379, Commercial Artist I.....	N50	2 730
4. _____, 1728, Commercial Artist I.....	N	4 200
5. _____, 1730, Commercial Artist II.....	N	5 900
6. Jane A. Milford, 1732, Assistant to Art Editor.....	N	3 240
7. Raymond L. Slanker, 5788, Assistant Art Editor.....	N	7 800
<i>Total, Art Service.....</i>		<u>\$32 570</u>

Mailing Service

Account Number 09-78-10-952

1. Ross E. Anderson, 7747, Distribution Clerk I.....	N	\$ 3 900
2. Caleb L. Nowning, 8670, Distribution Clerk I.....	N	3 420
3. William R. Valentine, 6898, Distribution Clerk I.....	N	3 420
4. Jerry L. Warren, 8512, Distribution Clerk I.....	N	3 240
5. _____, 1726, Typing Clerk II.....	N	2 700
6. Nethel M. Zane, 5255, Clerk-Typist II.....	N	2 940
7. R. K. Lumsden, 1718, Mailing Service Foreman.....	N	6 720
8. Madge E. Roberts, 1723, Office Appliance Operator I.....	H	3 383
9. Judy A. Sullivan, 1722, Office Appliance Operator I.....	N	2 400
10. Bonnie M. Wood, 3098, Office Appliance Operator I.....	N	2 820
11. _____, 1724, Office Appliance Operator I.....	N	2 400
12. _____, 1725, Office Appliance Operator I.....	N	2 640
13. Norman E. Lasater, 7372, Storekeeper III.....	N	5 520
Total, Mailing Service.....		\$45 503

Print Shop

Account Number 09-78-10-968

1. Henderikus Noorman, 3064, Accountant I.....	H	\$ 6 620
2. Myrtle Dorsett, 7014, Bookbindery Assistant.....	P	3 654
3. Dale Green, 3076, Bookbindery Assistant.....	P	5 428
4. David R. Harmon, 5301, Bookbindery Assistant.....	P	3 132
5. _____, 3073, Bookbindery Assistant.....	P	4 489
6. Leona S. Eckersley, 1709, Senior Printing Assistant.....	P	6 932
7. Lillian A. Slavens, 1715, Clerk III.....	H	4 560
8. Malcom G. Davis, 3078, Compositor.....	P	6 682
9. John A. Fiscus, 3082, Compositor.....	P	6 682
10. Carl G. Kibler, 5097, Compositor (Apprentice).....	P	4 510
11. Norman B. Mercer, 3080, Compositor (Apprentice).....	P	3 842
12. Edward E. Morgan, 3081, Compositor.....	P	6 682
13. Wayne Phelps, 5491, Compositor.....	P	6 682
14. Robert W. Thomas, 3079, Compositor.....	P	6 682
15. Cynthia A. Foote, 3066, Copyholder.....	P	2 923
16. Ralph R. Franklin, 3067, Bookbindery Foreman.....	P	7 997
17. Glenn W. Schmidt, 9345, Composing Room Foreman.....	P	7 620
18. James S. Wendell, 3096, Cylinder Press Room Foreman.....	P	7 997
19. Seaward H. Dalton, 3086, Job Press Room Foreman.....	P	8 143
20. John C. Opolka, 3095, Photo Offset Foreman.....	P	8 102
21. Robert A. Black, 3092, Linotype Operator.....	P	7 287
22. C. R. Mallory, 3093, Linotype Operator.....	P	7 287
23. Carl G. Muesing, 3091, Linotype Operator.....	P	6 682
24. George Cloyd, 3090, Linotype Machinist Operator.....	P	7 287
25. James L. Ragle, 4906, Monotype Combination Operator.....	P	6 695
26. _____, 3094, Monotype Combination Operator.....	P	7 308
27. Armand D. Boucher, 3084, Cylinder Pressman.....	P	6 682
28. John D. Dorsett, 3140, Cylinder Pressman.....	P	6 682
29. William W. Hire, 3085, Cylinder Pressman.....	P	6 682
30. Chester Hunt, 5383, Cylinder Pressman.....	P	6 682
31. William A. Knazavich, 3087, Cylinder Pressman.....	P	6 682
32. David R. Short, 9104, Cylinder Pressman (Apprentice).....	P	3 758
33. Charles D. Ellis, 1677, Senior Combination Offset Pressman, Cameraman, and Platemaker.....	P	6 682
34. Fred H. Marshky, 3097, Senior Combination Offset Pressman, Cameraman, and Platemaker.....	P	6 682
35. John D. Thompson, 6645, Senior Combination Offset Pressman, Cameraman, and Platemaker (Apprentice).....	P	4 343
36. Barbara Richards, 1712, Junior Proofreader.....	P	4 280
37. Alice Stowe, 5339, Junior Proofreader.....	P	4 030
38. _____, 1714, Junior Proofreader.....	P	4 030
39. Lorolive S. Delk, 1710, Senior Proofreader.....	P	6 619
40. R. C. Dalbey, 1707, Assistant Superintendent of Print Shop.....	P	8 560

41. Billie C. Gilfillan, 3072, Bookbindery Worker.....	P	6 494
42. Dean W. Graves, 3070, Bookbindery Worker.....	P	6 828
43. Kathryn Graves, 3071, Bookbindery Worker.....	P	3 341
44. Richard Mattlin, 3075, Bookbindery Worker.....	P	4 489
45. _____, 3069, Bookbindery Worker.....	P	2 850
<i>Total, Print Shop.....</i>		<u>\$268 301</u>

University Press Revolving**Account Number 12-78-10-470**

1. Carolyn B. Holmstrand, 8706, Editorial Assistant.....	N	\$ 4 200
2. Bruce A. McDaniel, 8492, Editorial Assistant.....	N	4 700
3. Doris B. Jacobson, 8874, Accounting Clerk II.....	N	4 240
4. Dorothy Buchanan, 1705, Clerk-Typist II.....	ZN50	1 530
5. Dorothy E. Vernau, 8414, Clerk-Typist II.....	N	3 030
6. Molly K. Wessling, 8307, Clerk-Typist II.....	N	2 760
<i>Total, University Press Revolving.....</i>		<u>\$20 460</u>

INTERNATIONAL COOPERATION PROGRAMS**U.S. International Cooperation Administration C1220****Account Number 46-79-10-434**

1. Shirley R. Lovenguth, 6332, Clerk-Stenographer III.....	ZN33	\$ 1 560
(Total Salary)		(4 680)
2. Mary M. Miller, 6779, Clerk-Stenographer III.....	ZN29	1 292
(Total Salary)	87	(3 876)
3. Helen E. Mathis, 8228, Clerk-Typist II.....	ZN34	960
(Total Salary)		(2 880)
4. Carol A. Stout, Clerk-Typist II.....	N50	1 320
<i>Total, U.S. International Cooperation Administration</i> <i>C1220.....</i>		<u>\$ 5 132</u>

U.S. International Cooperation Administration C1258**Account Number 46-79-10-435**

1. Shirley R. Lovenguth, 6332, Clerk-Stenographer III.....	ZN33	\$ 1 560
2. Mary M. Miller, 6779, Clerk-Stenographer III.....	ZN29	1 292
3. Helen E. Mathis, 8228, Clerk-Typist II.....	ZN33	960
4. Marcia M. Herndon, 7957, Clerk-Typist III.....	ZN25	945
(Total Salary)		(3 780)
<i>Total, U.S. International Cooperation Administration</i> <i>C1258</i>		<u>\$ 4 757</u>

U.S. International Cooperation Administration C1453**Account Number 46-79-10-436**

1. Shirley R. Lovenguth, 6332, Clerk-Stenographer III.....	ZN34	\$ 1 560
2. Mary M. Miller, 6779, Clerk-Stenographer III.....	ZN29	1 292
3. Helen E. Mathis, 8228, Clerk-Typist II.....	ZN33	960
4. Marcia M. Herndon, 7957, Clerk-Typist III.....	ZN25	945
<i>Total, U.S. International Cooperation Administration</i> <i>C1453</i>		<u>\$ 4 757</u>

LIBRARY AND LIBRARY SCHOOL**Graduate School of Library Science****Account Number 00-80-05-100**

1. Eunice M. Osterbur, 1654, Clerk-Typist I.....	N	\$ 2 640
2. Kathryn A. Guerrero, 1656, Clerk-Typist II.....	N	3 210
3. Wilda D. McCool, 1657, Clerk-Typist III.....	N	3 450
4. Helen I. Knights, 1653, Secretary — Stenographic.....	N	7 200
<i>Total, Graduate School of Library Science.....</i>		<u>\$16 500</u>

Library Trends Revolving**Account Number 12-80-05-146**

1. R. Joanne Fields, 5127, Assistant to Editor.....	N	\$ 6 120
<i>Total, Library Trends Revolving.....</i>		<u>\$ 6 120</u>

Cooperative Investigations

U.S. OFFICE OF EDUCATION SAE 9539

Account Number 46-80-05-363

1. Rochelle T. Schulman, 9350, Clerk-Typist II.....	N	\$ 3 000
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STATE OF ILLINOIS STATE LIBRARY RESEARCH CENTER

Account Number 47-80-05-378

1. Everett H. Goettsch, 9467, Clerk III.....	N	\$ 4 200
2. LaVerne M. Dillon, 8846, Clerk-Typist III.....	N	4 120
<i>Total, State of Illinois State Library Research Center...</i>		<u>\$ 8 320</u>

Library**Administration**

Account Number 00-80-10-500

1. Winfred J. Rasmussen, 1891, Clerk I.....	N	\$ 3 300
2. Allen Rivers, Jr., 6671, Distribution Clerk II.....	N	4 500
3. Shirley L. Dunlap, 1889, Clerk-Typist III.....	N	3 720
4. Jimmie A. Van Alphen, 1888, Clerk-Typist III.....	N	3 420
5. Clarabelle Gunning, 1887, Secretary—Stenographic.....	N	7 200
6. Charles K. Gifford, 1886, Storekeeper III.....	N	5 880
<i>Total, Administration</i>		<u>\$28 020</u>

Microfilm Revolving

Account Number 12-80-10-552

1. Mardelle J. Austin, 1938, Photographic Technician I.....	N	\$ 3 600
<i>Total, Microfilm Revolving.....</i>		<u>\$ 3 600</u>

Acquisition Department

Account Number 00-80-20-500

1. E. Ruth Lashley, 1902, Clerk II.....	N	\$ 3 600
2. Shirley A. Butler, 8075, Accounting Clerk I.....	N	3 270
3. Pauline McDaniel, 6465, Accounting Clerk II.....	N	4 470
4. I. Rosalind Douthart, 9170, Library Clerk II.....	N	2 760
5. Glenda A. Eshleman, 6130, Library Clerk II.....	N	2 940
6. Betty A. Gard, 1898, Library Clerk II.....	N50	1 635
7. Eleanor J. Loving, 6423, Library Clerk II.....	N	2 700
8. Tinsie E. Ponder, 1906, Library Clerk II.....	N	3 570
9. Geraldine Sepede, 1895, Library Clerk II.....	N	2 700
10. Ellen Smith, 1894, Library Clerk III.....	N	4 320
11. Janice A. Tucker, 5503, Library Clerk III.....	N	3 420
12. Doris H. Freeman, 1903, Chief Library Clerk.....	N	4 350
13. Eileen J. Miech, 1892, Chief Library Clerk.....	N	4 350
14. Jo Anne Lyster, 5374, Clerk-Typist I.....	N	2 520
15. Mary L. Leenerts, 1901, Clerk-Typist II.....	N	2 700
16. Rebecca Jane Winkler, 7868, Clerk-Typist II.....	N	2 820
17. Leslie W. Dunning, 1937, Photographer I.....	N	5 010
<i>Total, Acquisition Department.....</i>		<u>\$57 135</u>

Catalog Department

Account Number 00-80-30-500

1. Bernice L. Brightwell, 5463, Library Clerk II.....	N50	\$ 1 770
2. Rebecca L. Ehler, 1911, Library Clerk II.....	N	2 760
3. Barbara Ellen Felts, 1924, Library Clerk II.....	N	3 090
4. Sally J. Hatch, 9121, Library Clerk II.....	N	2 880
5. Mary Jo Heath, 1927, Library Clerk II.....	N	3 090
6. Patricia Livingston, 1912, Library Clerk II.....	N	2 820
7. Ruth E. Youmans, 1926, Library Clerk II.....	N	2 700
8. _____, 7125, Library Clerk II.....	N	2 970
9. _____, 1921, Library Clerk II.....	N	2 760
10. Kathy G. Butzow, 1917, Library Clerk III.....	N	3 600
11. Mary E. Schwengel, 1918, Library Clerk III.....	N	3 510
12. Highland Wiseman, 1919, Library Clerk III.....	N	3 810
13. Lucile R. Carter, 1915, Chief Library Clerk.....	N	4 590

14. Harriet L. Mason, 5377, Chief Library Clerk.....	N	4 950
15. Patricia L. Ricketts, 9160, Clerk-Typist I.....	N	2 520
16. Judy A. Wilson, 1931, Clerk-Typist I.....	N	2 580
17. Hazel C. Cacioppo, 1935, Clerk-Typist II.....	N	2 820
18. Faye M. Colman, 1930, Clerk-Typist II.....	N	2 880
19. Bonnie B. Franks, 1934, Clerk-Typist II.....	N	2 820
20. Phyllis I. Holland, 1932, Clerk-Typist II.....	N	2 820
21. Virginia Sinclitico, 5320, Clerk-Typist II.....	N	2 880
22. Eula Clanton, 1929, Clerk-Typist III.....	N	4 050
23. Frances E. Jeffers, 7918, Clerk-Typist III.....	N	3 600
24. Brent Roberson, 7361, Duplicating Machine Operator I.....	N	3 150
25. Harold V. Bridgewater, 6083, Duplicating Machine Operator III.....	N	4 620
<i>Total, Catalog Department.....</i>		<u>\$80 040</u>

Circulation Department

Account Number 00-80-40-500

1. Kathryn J. Corbin, 5324, Library Clerk II.....	N50	\$ 1 350
2. Patricia Chisenhall, 1947, Library Clerk II.....	N	2 970
3. Judith D. Dermen, 1944, Library Clerk II.....	N75	2 070
4. Richard D. Hughes, 9234, Library Clerk II.....	N50	1 440
5. Sharon E. Johnson, 1908, Library Clerk II.....	N	2 700
6. Max G. Manwaring, 1945, Library Clerk II.....	N50	1 440
7. Joan H. Meinhardt, 1949, Library Clerk II.....	N50	1 350
8. Lani L. Pardini, 5245, Library Clerk II.....	N	2 880
9. Richard L. Russell, 9228, Library Clerk II.....	N50	1 440
10. Bettie M. Siemer, 1942, Library Clerk II.....	N50	1 500
11. Merry E. Taffs, 1946, Library Clerk II.....	N	2 700
12. Sandra W. Trice, 1943, Library Clerk II.....	N	2 700
13. Julius C. Thornton, 5241, Library Clerk III.....	N	3 450
14. Harriet C. Ryan, 1948, Chief Library Clerk.....	N	5 820
15. Beverly A. Fretty, 6798, Clerk-Typist II.....	N	2 700
16. Cynthia M. Jensen, 6785, Clerk-Typist II.....	N	2 760
<i>Total, Circulation Department.....</i>		<u>\$39 270</u>

Departmental Libraries

Account Number 00-80-50-500

1. Jane A. Bell, 5375, Library Clerk II.....	N	\$ 2 700
2. Margaret G. Bikonis, 1959, Library Clerk II.....	N	2 910
3. Miriam N. Breau, 1968, Library Clerk II.....	N	(2 820)
4. Lois A. Bross, 1966, Library Clerk II.....	N	2 820
5. Marianne Cardarelli, 1952, Library Clerk II.....	N	2 820
6. Bertha G. Claire, 5300, Library Clerk II.....	N	2 940
7. Sherilyn D. Coffman, 8852, Library Clerk II.....	N50	1 440
8. Carol H. P. Cooper, 9243, Library Clerk II.....	N50	1 470
9. Margaret C. Danziger, 6770, Library Clerk II.....	N	2 910
10. Deborah A. DeLuca, 1957, Library Clerk II.....	N	2 760
11. Elizabeth B. Frazer, 1972, Library Clerk II.....	N	2 940
12. Mary Lee Gedwill, 1961, Library Clerk II.....	N	2 700
13. Barbara A. Gibson, 3054, Library Clerk II.....	N	2 880
14. Glenda K. Gilbert, 1964, Library Clerk II.....	N	2 820
15. Sara Glickstein, 7197, Library Clerk II.....	N	2 910
16. Gayle Y. Handley, 1965, Library Clerk II.....	N	2 760
17. Elaine R. Hill, 1962, Library Clerk II.....	N50	1 800
18. Donald D. Hinton, 1958, Library Clerk II.....	N	3 150
19. Edna M. Jones, 8852, Library Clerk II.....	N50	1 440
20. Nancy L. Kott, 1969, Library Clerk II.....	N	2 760
21. Rosa L. Lovell, 6764, Library Clerk II.....	N50	1 380
22. Kathryn B. Lupi, 1950, Library Clerk II.....	N	2 700
23. Barbara J. Meador, 8394, Library Clerk II.....	N	3 180
24. Dorothy N. Peters, 1960, Library Clerk II.....	N	3 600
25. Jean M. Petersen, 7929, Library Clerk II.....	N	2 940
26. Rosemary A. Rowe, 3135, Library Clerk II.....	N	3 360

27. Sheila H. Sauers, 6422, Library Clerk II.....	N	2 700
28. Patricia Scarbrough, 1963, Library Clerk II.....	N	2 820
29. Philip R. Scott, 9192, Library Clerk II.....	N50	1 380
30. Marjorie C. Stevenson, 1956, Library Clerk II.....	N	3 270
31. Patricia J. Wilson, 1953, Library Clerk II.....	N	2 760
32. Ronald A. Worstell, 8509, Library Clerk II.....	N50	1 350
33. _____, 1954, Library Clerk II.....	N50	1 590
34. _____, Library Clerk II.....	N	3 000
35. _____, Library Clerk II.....	N50	1 350
36. _____, Library Clerk II.....	N50	1 350
37. Grace M. Yeatter, 1955, Library Clerk III.....	N	4 800
38. _____, 1968, Chief Library Clerk.....	N	5 100
39. Carole B. Bettinger, 6454, Clerk-Typist II.....	N	3 210
40. Florence E. Kirby, 6288, Clerk-Typist II.....	N	3 120
41. Jo Ann Block, 1859, Clerk-Typist III.....	N	4 110
<i>Total, Departmental Libraries.....</i>		<i>\$108 000</i>

Reference Department

Account Number 00-80-60-500

1. Sally L. Powers, 6195, Library Clerk II.....	N	\$ 3 000
2. Mardele L. Maryott, 1967, Clerk-Typist II.....	N	3 180
<i>Total, Reference Department.....</i>		<i>\$ 6 180</i>

Serials Department

Account Number 00-80-35-500

1. Betty J. Albert, 1899, Library Clerk II.....	N	\$ 3 480
2. Jane Balda, 9224, Library Clerk II.....	N	2 820
3. Miriam A. Cavanaugh, 6254, Library Clerk II.....	N	3 000
4. Evelyn M. Coleman, 1928, Library Clerk II.....	N	3 420
5. Jessie L. Corson, 8496, Library Clerk II.....	N50	1 500
6. Helen M. Curtis, 1914, Library Clerk II.....	N	3 120
7. Helen J. Devey, 1925, Library Clerk II.....	N	2 820
8. Carolyn R. Gardiner, 1913, Library Clerk II.....	N	2 700
9. Emily F. Hays, 1909, Library Clerk II.....	N	3 000
10. Karen R. Link, 8856, Library Clerk II.....	N	2 850
11. M. L. Perez-Albuerno, 1920, Library Clerk II.....	N	2 880
12. Dora C. Y. Shen, 1916, Library Clerk II.....	N	3 180
13. Murray B. Taylor, 9109, Library Clerk II.....	N	2 820
14. Barbara J. Wordlaw, 1896, Library Clerk II.....	N	2 910
15. Ilse E. Barnes, 8054, Library Clerk III.....	N	3 900
16. Thelma Berry, 1922, Library Clerk III.....	N	3 930
17. Mae E. Beshers, 1910, Library Clerk III.....	N	4 500
18. Carolyn J. Gammon, 5857, Library Clerk III.....	N	3 780
19. Bonnidee H. Lewis, 1897, Library Clerk III.....	N	3 300
20. Janet L. Shaver, 1905, Library Clerk III.....	N	3 540
21. Stanley R. Tharp, 1897, Library Clerk III.....	N	3 480
22. Margaret E. Lyons, 5644, Chief Library Clerk.....	N	5 820
<i>Total, Serials Department.....</i>		<i>\$72 750</i>

PHYSICAL PLANT**Administration**

Account Number 00-82-01-600

1. Ivan N. Anderson, 1983, Accountant I.....	N	\$ 6 330
2. Clyde B. Roberts, 1981, Accountant III.....	N	9 636
3. Glenn R. Bandy, 8293, Space Analyst II.....	N	6 500
4. Don B. Winterbottom, 6391, Space Analyst II.....	N	7 470
5. L. G. Hernecheck, 1980, Assistant to Superintendent of Buildings and Grounds.....	N	13 830
6. Janet E. Freeman, 1990, Clerk II.....	N	2 820
7. Edna S. McBride, 1991, Clerk II.....	N	3 270
8. Agnes Burke, 1986, Clerk III.....	N	4 620
9. Beverly J. Brownfield, 1987, Chief Clerk.....	N	6 060
10. Thelma Graf, 1976, Chief Clerk.....	N	4 890

11. Jan S. Paradis, 8060, Payroll Clerk I.....	N	3 300
12. Mabel M. Cordes, 6591, Payroll Clerk II.....	N	3 840
13. Edith J. McBride, 1985, Payroll Clerk III.....	N	6 510
14. Donna J. Williams, 1978, Clerk-Stenographer I.....	N	2 820
15. Joan A. Cochran, 1979, Clerk-Stenographer II.....	N	3 900
16. Mary J. Gillette, 2081, Clerk-Stenographer II.....	N	3 000
17. Shirley A. Sanders, 1995, Clerk-Stenographer II.....	N	3 300
18. Carol S. Bailey, 5519, Clerk-Stenographer III.....	N	4 380
19. Thea E. Yeich, 8219, Clerk-Stenographer III.....	N	3 840
20. Viola K. Williams, 1993, Clerk-Typist II.....	N	3 600
21. Nancy R. Behimer, 2090, Bookkeeping Machine Operator I.....	N	2 820
22. Darlene A. Dodd, 1989, Bookkeeping Machine Operator II.....	N	3 600
23. Mary A. Mason, 1988, Secretary — Stenographic.....	N	6 240
24. Eileen Wilske, 1974, Secretary — Stenographic.....	N	6 930
<i>Total, Administration</i>		<u>\$123 506</u>

Stores — Physical Plant Overhead

Account Number 08-82-01-967

1. Catherine L. Bensyl, 2009, Clerk II.....	N	\$ 3 450
2. Maudeline Roth, 8354, Clerk II.....	N	3 000
3. Eva R. White, 2008, Clerk II.....	N	3 000
4. Kathleen Foltz, 2010, Clerk III.....	N	4 650
5. James C. Fisher, 2006, Chief Clerk.....	N	6 300
6. Martha R. Lansky, 5131, Clerk-Typist II.....	N	3 600
7. ———, 2000, Material Expediter.....	N	6 660
8. Lynn E. McConkey, 8274, Storekeeper II.....	N	5 160
9. Marvin L. Risinger, 2005, Storekeeper II.....	N	5 160
10. Thomas E. Tuttle, 2003, Storekeeper II.....	N	5 160
11. M. W. Dillman, 2002, Storekeeper III.....	N	5 880
12. W. Erwin Hanson, 2004, Storekeeper III.....	N	5 880
13. Clifford E. Waller, 2007, Storekeeper III.....	N	5 880
14. Don Lee Wolf, 5141, Storekeeper III.....	N	5 880
15. F. T. Helbling, 2001, Stores Supervisor.....	N	7 320
<i>Total, Stores — Physical Plant Overhead</i>		<u>\$76 980</u>

Architectural Overhead

Account Number 09-82-01-902

1. Stanley J. Rankin, 6952, Accountant II.....	H	\$ 6 300
2. A. S. Davis, 2057, Associate Architect	H	13 120
3. H. Summerfield Day, 7791, Associate Architect.....	H	12 740
4. Paul E. Dixon, 8713, Associate Architect.....	H	11 940
5. Robert B. Little, 2062, Associate Architect.....	H	12 480
6. Ben W. Maxwell, 6951, Associate Architect.....	H	13 560
7. C. Hardy Oliver, 6425, Associate Architect.....	H	12 960
8. W. H. Stermer, 2060, Associate Architect.....	H	15 000
9. Raymond G. Johnson, 6949, Senior Architect.....	H	9 000
10. S. Alice Deck, 9442, Clerk III.....	H	3 900
11. Max W. Hinton, 6937, Accounting Clerk II	H	4 230
12. Sherilyn A. Morrill, Typing Clerk II.....	H	2 820
13. Phyllis J. Kelly, 2085, Clerk-Stenographer I.....	H	2 820
14. Clara M. Hulvey, 9479, Clerk-Stenographer II.....	H	3 180
15. Melva J. Thompson, 6822, Clerk-Stenographer II.....	H	3 330
16. Lavella M. Wrisk, 1975, Clerk-Stenographer III.....	H	3 960
17. ———, 2080, Clerk-Stenographer III.....	H	3 600
18. Janet C. Reid, 7692, Clerk-Typist II.....	H	3 000
19. Harriette E. Wilson, 7501, Clerk-Typist II.....	H	2 820
20. Julien C. Frost, 2067, Draftsman.....	H50	2 160
21. Karl Hartnack, 2078, Draftsman.....	H50	2 190
22. George J. Trautmann, 3157, Draftsman.....	H	4 380
23. Stephen O. Wessling, 2072, Draftsman.....	H50	2 400
24. ———, 2077, Draftsman.....	H	4 200
25. Donald L. Doney, 2074, Architectural Draftsman I.....	H	5 400
26. Myron J. Wimmer, 2065, Architectural Draftsman I....	H50	2 340

27. —————, 3158, Architectural Draftsman I.....	H60	3 450
28. Raymond J. Bulinski, 2079, Architectural Draftsman II..	H	9 420
29. Charles Farina, 2069, Architectural Draftsman II.....	H	9 660
30. Geneva P. Fleming, 2071, Architectural Draftsman II... H		8 700
31. James K. Rigsby, 8734, Architectural Draftsman II.....	H	9 210
32. —————, 2064, Architectural Draftsman II.....	H	8 220
33. J. A. Curtis, 2061, Chief Architectural Draftsman.....	H	12 300
34. George Gartenberger, 7767, Architectural Electrical Engineer.....	H	10 080
35. Milton L. Steiner, 2066, Architectural Mechanical Engineer.....	H	9 570
36. Darrell E. Ward, 2058, Architectural Mechanical Engineer	H	12 440
37. Charles L. Sands, 7698, Architectural Refrigeration and Air Conditioning Engineer.....	H	13 590
38. Norman W. Reinbold, 8737, Junior Mechanical Engineer	H	7 420
39. Robert C. Anderson, Architectural Superintendent.....	H	7 800
40. Robert M. Buchanan, 2068, Architectural Superintendent	H	10 650
41. Richard R. Gifford, 7080, Architectural Superintendent..	H	9 660
42. Elbert L. McDaniel, 6559, Architectural Superintendent..	H	9 270
43. J. G. Schelter, 7328, Architectural Superintendent.....	H	9 630
44. Charles E. Snider, 9366, Architectural Superintendent... H		8 010
45. Robert L. Smith, Electrical Construction Superintendent	H	8 100
46. Clarence E. Gotschall, 8380, Mechanical Construction Superintendent.....	H	9 390
47. S. A. Dahlstrom, 2063, Specifications Writer.....	H	11 620
<i>Total, Architectural Overhead.....</i>		<u>\$362 020</u>

Campus Planning and Development Revolving

Account Number 09-82-01-910

1. Phillip E. DeTurk, 8222, Landscape Architect.....	H	\$ 6 500
2. Richard Macias, 8869, Landscape Architect.....	H	6 500
3. Carol Trulock, 8097, Clerk-Stenographer III.....	H	4 020
4. Edwin E. Atwood, 8232, Site Planner.....	H	11 790
<i>Total, Campus Planning and Development Revolving..</i>		<u>\$28 810</u>

Physical Plant Jobs

Account Number 09-82-01-944

1. Ulysses G. Mullen, 0864, Assistant Laboratory Attendant	ZN50	\$ 1 885
(Total Salary)		(3 770)
<i>Total, Physical Plant Jobs.....</i>		<u>\$ 1 885</u>

Physical Plant Labor

Account Number 09-82-01-945

1. John C. Ambrose, 5510, Accountant II.....	H	\$ 7 380
2. Dwight E. Slavens, 1996, Clerk III.....	H	4 560
3. Lloyd C. Lain, 1999, Accounting Clerk II.....	H	4 680
4. Susan P. Hankenson, 8676, Clerk-Stenographer II.....	H	3 120
5. Arthur J. Whalen, Jr., Storekeeper I.....	H	3 960
<i>Total, Physical Plant Labor.....</i>		<u>\$23 700</u>

Building Operation

Account Number 00-82-05-600

1. Jack T. Harroun, 2012, Assistant to Superintendent of Operations	N	\$ 9 840
2. —————, 6813, Assistant to Superintendent of Operations.....	N	9 360
3. H. I. Haugaard, 8246, Public Functions Supervisor.....	N	7 500
<i>Total, Building Operation.....</i>		<u>\$26 700</u>

Labor — Building Operation

Account Number 09-82-05-945

1. Robert R. Tucker, 9336, Building Operation Technician..	H	\$ 7 440
<i>Total, Labor — Building Operation.....</i>		<u>\$ 7 440</u>

Fire Prevention and Safety

Account Number 00-82-10-600

1. Herbert L. White, 2014, Superintendent of Sanitation and Safety	ZN67	\$ 9 220
(Total Salary)		(13 830)
<i>Total, Fire Prevention and Safety</i>		<u>\$ 9 220</u>

Police and Watchmen

Account Number 00-82-15-600

1. Joseph E. Blaze, 0484, Security and Traffic Supervisor..	ZN50	\$ 5 820
(Total Salary)		(11 640)
2. Laverne A. Kroes, 8624, Assistant Security and Traffic Supervisor	N	8 700
<i>Total, Police and Watchmen</i>		<u>\$14 520</u>

Building Maintenance

Account Number 00-82-20-600

1. Ramon F. Vogel, 2018, Structural Engineer.....	N	\$14 040
2. George L. Purcell, 2019, Building Inspector.....	N	9 510
3. Wayne R. Swanson, 5806, Building Inspector.....	N	8 400
4. E. L. Kemp, 2017, Superintendent of Building Maintenance	N	15 600
<i>Total, Building Maintenance</i>		<u>\$47 550</u>

General Maintenance

Account Number 00-82-25-600

1. Linda K. Bott, 2032, Routing Dispatcher II.....	N	\$ 3 120
2. Julia M. Siler, 2033, Routing Dispatcher II.....	N	3 720
3. Cora L. James, 2030, Routing Dispatcher III.....	N	5 760
4. James E. Russell, 2027, Routing Supervisor.....	N	6 600
<i>Total, General Maintenance</i>		<u>\$19 200</u>

Labor — General Maintenance

Account Number 09-82-25-945

1. Donald S. Parry, 2045, Electrical Engineer.....	H	\$11 400
2. K. W. Smith, 2041, Mechanical Engineer.....	H	12 090
3. Edward A. Cousins, 9410, Project Engineer.....	H	9 960
4. L. E. Douglass, 2021, Project Engineer.....	H	11 970
5. Frank A. Parks, 2022, Project Engineer.....	H	11 220
6. James H. Trail, Jr., Building Inspector.....	H	8 400
<i>Total, Labor — General Maintenance</i>		<u>\$65 040</u>

Grounds

Account Number 00-82-30-600

1. John Curtis Gabbard, 2011, Superintendent of Operations	ZN33	\$ 5 090
(Total Salary)		(15 270)
<i>Total, Grounds</i>		<u>\$ 5 090</u>

Labor — Grounds

Account Number 09-82-30-945

1. Roy M. Hoppe, 2036, Operations Engineer.....	ZH50	\$ 6 000
(Total Salary)		(12 000)
2. Dorothea Williamson, 2089, Landscape Gardener.....	H	6 420
3. Ervin C. Bundy, 8126, Horticulturist.....	H	7 800
<i>Total, Labor — Grounds</i>		<u>\$20 220</u>

Transportation

Account Number 00-82-35-600

1. John Curtis Gabbard, 2011, Superintendent of Operations	ZN33	\$ 5 090
(Total Salary)		(15 270)
<i>Total, Transportation</i>		<u>\$ 5 090</u>

Car Pool Service

Account Number 09-82-35-912

1. O. L. Fairchild, 6240, Fleet Dispatcher.....	N	\$ 9 300
2. John Curtis Gabbard, 2011, Superintendent of Operations	ZN34	5 090
<i>Total, Car Pool Service.....</i>		<i>\$14 390</i>

Labor — Transportation

Account Number 09-82-35-945

1. Roy M. Hoppe, 2036, Operations Engineer.....	ZH50	\$ 6 000
(Total Salary)		(12 000)
<i>Total, Labor — Transportation</i>		<i>\$ 6 000</i>

Heat, Light, and Power

Account Number 00-82-40-600

1. Dwight G. Wilson, 2048, Operations Clerk.....	N	\$ 5 040
2. Karen L. Bradley, 2031, Clerk-Stenographer II.....	N	3 780
3. Clifford H. Dixon, 5987, Assistant Instrument and Efficiency Engineer	N	7 800
4. James E. Van Reenen, 2044, Assistant Instrument and Efficiency Engineer	N	6 420
5. Theodore A. Bradbury, 2042, Power Plant Mechanical Engineer	N	12 486
6. Gordon V. Carlson, 2039, Superintendent of Utilities....	N	15 600
<i>Total, Heat, Light, and Power.....</i>		<i>\$51 126</i>

Labor — Heat, Light, and Power

Account Number 09-82-40-945

1. C. C. Andrew, 2023, Architectural Draftsman II.....	H	\$10 050
2. William D. Greenwood, 2029, Engineering Draftsman I..	H	5 340
3. Louis G. Lariviere, 7942, Engineering Draftsman II.....	H	8 520
4. N. W. Nester, 2020, Civil Engineer.....	H	10 710
5. W. W. Hinshaw, 2040, Electrical Engineer.....	H	13 860
6. B. W. Anderson, 2043, Assistant Electrical Engineer....	H	10 920
7. John D. Maguire, 7864, Assistant Electrical Engineer... H		10 230
8. George P. Porter, 2046, Mechanical Engineer.....	H	11 190
9. William H. Lawyer, 2047, Junior Mechanical Engineer..	H	7 800
10. Leo A. Corby, 2024, Estimator.....	H	10 740
<i>Total, Labor — Heat, Light, and Power.....</i>		<i>\$99 360</i>

Water Station

Account Number 00-82-45-600

1. Phyllis Brennan, 2051, Clerk-Stenographer I.....	N	\$ 3 000
2. Herbert L. White, 2014, Superintendent of Sanitation and Safety	ZN33	4 610
(Total Salary)		(13 830)
<i>Total, Water Station.....</i>		<i>\$ 7 610</i>

Reservations and Information

Account Number 00-82-66-600

1. C. E. Wertz, 2683, Assistant to Director of Illini Union..	ZN25	\$ 2 240
(Total Salary)		(8 970)
2. Patricia A. Sowers, 2704, Typing Clerk II.....	N	2 790
3. Francis W. McCullough, 2684, Supervisor of Information	N	6 510
<i>Total, Reservations and Information.....</i>		<i>\$11 540</i>

Telephone Service

Account Number 09-82-88-983

1. Lois E. Overmyer, 2710, Chief Clerk.....	N	\$ 5 400
2. Grace C. Prestin, 7979, Typing Clerk I.....	N	2 820
3. Sandra J. Davis, 7820, Card Punch Operator I.....	N	3 240
4. Ruth E. Berg, 6780, Chief Switchboard Operator.....	N	4 950
5. Stella Cameron, 2709, Chief Switchboard Operator.....	N	5 550
<i>Total, Telephone Service.....</i>		<i>\$21 960</i>

Architectural Studies for Future Buildings

Account Number 06-82-70-905

1. Judy K. Hodges, 7320, Clerk-Stenographer III.....	ZN15	\$ 620
(Total Salary)		(4 140)
2. Wayne I. Trowbridge, 7846, Traffic Control and Measurement Technician	ZN50	2 925
(Total Salary)		(5 850)
Total, Architectural Studies for Future Buildings.....		\$ 3 545

Auxiliary Enterprises**Auxiliary Services Operation**

Account Number 18-82-80-700

1. Robert S. Fox, 9348, Assistant to Director of Auxiliary Services	N	\$ 7 500
2. Alice S. Hurt, 6161, Assistant to Director of Illini Union (Perquisites University — one meal)	N	9 000
3. Elizabeth R. Knies, 7190, Secretary — Stenographic.....	N	4 500
Total, Auxiliary Services Operation.....		\$21 000

Residence Halls Administration

Account Number 18-82-80-701

1. Joseph A. Miller, 8591, Accountant II.....	N	\$ 8 500
2. Robert D. Barger, 5558, Housing Administrator II.....	N	7 320
(Perquisites University — one meal)		
3. Nelle A. Bireline, 2840, Housing Administrator II.....	N	7 440
(Perquisites University — room and board)		
4. S. K. Brownfield, 2848, Housing Administrator II.....	N	7 200
5. Adran L. Wilson, 8352, Housing Administrator II.....	N	7 000
6. Carroll J. Hubble, 7123, Housing Administrator III.....	N	9 100
7. Cal W. Shull, 7672, Housing Administrator III.....	N	8 800
8. Emily J. Sawyer, 7867, Cashier II.....	ZN	4 500
9. ———, 8343, Clerk II.....	ZN	2 640
10. Mildred E. Graves, 7664, Clerk III.....	N	3 840
11. Mark F. Howell, 2868, Clerk III.....	N	4 800
12. Florence L. Kidder, 2834, Clerk III.....	N	4 170
13. Harryette Mansfield, 5539, Clerk III.....	N	4 140
14. Mary L. Spracklen, 7687, Clerk III.....	N	3 840
15. M. Althea Stockwell, 2830, Clerk III.....	N	4 260
16. M. Lucille Williams, 2853, Clerk III.....	N	3 780
17. Rochelle I. Farrey, 2837, Accounting Clerk I.....	N	3 300
18. Veva Hammond, 2838, Accounting Clerk I.....	N	3 240
19. Thelma J. Oare, 2835, Accounting Clerk I.....	N	3 420
20. Rose E. Vonbehren, 2833, Accounting Clerk I.....	N	3 390
21. Charlotte Wiesinger, 2845, Accounting Clerk II.....	N	4 440
22. Donald J. Alberts, 5297, Chief Clerk.....	N	7 000
23. C. Pearl Johnson, 2832, Payroll Clerk II.....	N	3 420
24. Ann Allen, 2829, Payroll Clerk III.....	N	6 480
25. Rene I. Hudson, 7036, Typing Clerk II.....	ZN67	2 050
(Total Salary)		(3 090)
26. Dorothy J. Mercer, 7776, Typing Clerk II.....	N	2 880
27. Dorothy B. Moore, 7037, Typing Clerk II.....	ZN	2 970
28. Dorothy H. Scoggin, 2869, Typing Clerk III.....	H75	3 105
29. S. Darlene Beitz, 9120, Clerk-Stenographer II.....	N	3 420
30. Margaret R. Taylor, 2851, Clerk-Stenographer II.....	N	3 120
31. Laurel J. Bieritz, 9168, Clerk-Stenographer III.....	N	3 720
32. M. Leona Hopper, 7990, Clerk-Typist II.....	N	3 300
33. ———, 6750, Clerk-Typist II.....	N	2 640
34. Van C. Norman, 2826, Assistant Director of Housing Maintenance and Construction.....	N	11 200
(Perquisites University — one meal)		
35. Otto E. Unger, 2841, Assistant Director of Housing for Residence Halls Food Service.....	N	12 000
(Perquisites University — one meal)		

36. Edward E. Durbin, 8069, Housing Maintenance Inspector	N	5 640
37. Robert E. Beyers, 2876, Housing Maintenance Inspector	N	5 640
38. John A. Cacioppo, 7508, Housing Maintenance Inspector	N	4 950
39. Robert E. Fortney, 2867, Housing Maintenance Inspector	N	6 060
40. L. L. James, 2844, Housing Maintenance Inspector.....	N	6 750
41. Richard A. Jolley, 7794, Housing Maintenance Inspector..	N	5 760
42. Glenn E. Mansfield, 8847, Housing Maintenance Inspector	N	4 980
43. Warren D. Moore, 7441, Housing Maintenance Inspector	N	6 840
44. James E. Overmyer, 2878, Housing Maintenance Inspector	N	5 310
45. Harold L. Reiss, 8351, Housing Maintenance Inspector..	N	5 280
46. D. N. Reynolds, 2843, Housing Maintenance Inspector...	N	6 840
47. David B. Stayton, 2872, Housing Maintenance Inspector	N	6 270
48. William P. Myers, 7725, Food Service Manager.....	N	10 700
(Perquisites University — one meal)		
49. Robert H. Suter, 7694, Housing Business Manager.....	N	11 200
(Perquisites University — one meal)		
50. Dee W. Frame, 2839, Secretary — Stenographic.....	N	5 460
51. Amos Motsinger, 8296, Laundry Equipment Serviceman	N	6 240
52. Arnold E. Nichols, 8560, Laundry Equipment Serviceman	N	5 280
53. Robert C. Fonner, 2842, Housing Maintenance Supervisor	N	8 460
54. Francis W. Good, 2875, Housing Maintenance Supervisor	N	7 410
55. Claude M. Harrell, 2871, Housing Maintenance Supervisor	N	7 020
<i>Total, Residence Halls Administration.....</i>		<i>\$308 515</i>

Emergency Housing Operation

Account Number 18-82-80-722

1. Ladyne K. Dendy, 8481, Food Production Manager.....	N	\$ 6 810
(Perquisites University — two meals)		
2. Patricia F. Bernauer, 7628, Assistant Food Production Manager.....	N	4 920
(Perquisites University — two meals)		
3. Robert L. Hart, 8902, Food Service Supervisor.....	N	5 100
(Perquisites University — two meals)		
<i>Total, Emergency Housing Operation.....</i>		<i>\$16 830</i>

Temporary Family Housing

Account Number 18-82-80-748

1. Leo J. Clennon, 2877, Housing Administrator I.....	N	\$ 4 920
2. Sammy J. Rebecca, 2874, Housing Administrator II....	N	7 140
3. Carolyn L. McClure, 2879, Clerk-Typist I.....	N	2 700
<i>Total, Temporary Family Housing.....</i>		<i>\$14 760</i>

Trust — Allen Hall Operation

Account Number 48-82-80-702

1. Nadine M. Cook, 3041, Clerk I.....	G	\$ 2 070
(Nine months)		
2. Joyce D. Knott, 2858, Residence Halls Clerk.....	N	2 760
3. Florence L. Polite, 2863, Residence Halls Clerk.....	N	2 640
4. Margaret A. Rogers, 9223, Residence Halls Clerk.....	N	2 760
<i>Total, Trust — Allen Hall Operation.....</i>		<i>\$10 230</i>

Trust — Busey-Evans Halls Operation

Account Number 48-82-80-708

1. Carrie Coffman, 2857, Residence Halls Clerk.....	N	\$ 3 300
2. Mary P. Wemhaner, 8673, Food Production Manager....	N	5 760
(Perquisites University — two meals)		
3. Wilma L. Willis, 7677, Food Service Supervisor.....	N	4 240
(Perquisites University — two meals)		
<i>Total, Trust — Busey-Evans Halls Operation.....</i>		<i>\$13 300</i>

Trust — Fourth Street Halls Operation

Account Number 48-82-80-726

1. Helen N. Brookey, 9128, Residence Halls Clerk.....	N	\$ 2 760
2. Stephanie A. Swanson, 9124, Residence Halls Clerk....	N	2 520

3. Elizabeth D. Lambert, 2849, Food Production Manager.. N	7 590
(Perquisites University—two meals)	
4. Marlene R. Metzger, 2850, Food Service Supervisor..... N	4 000
(Perquisites University—two meals)	
5. Helen V. Meyers, 8448, Food Service Supervisor..... N	4 500
(Perquisites University—two meals)	
<i>Total, Trust—Fourth Street Halls Operation.....</i>	<u>\$21 370</u>

Trust—Gregory Drive Halls Operation

Account Number 48-82-80-733

1. Leah M. Revell, 2852, Residence Halls Clerk..... N	\$ 3 000
2. Evelyn Whitson, 7552, Food Production Manager..... N	7 590
(Perquisites University—two meals)	
3. Patricia S. Dickerson, 5679, Assistant Food Production Manager..... N	4 620
(Perquisites University—two meals)	
4. Berneta Scheib, 7524, Assistant Food Production Manager N	5 280
(Perquisites University—two meals)	
5. David Lefever, 8911, Food Service Supervisor..... N	4 800
(Perquisites University—two meals)	
<i>Total, Trust—Gregory Drive Halls Operation.....</i>	<u>\$25 290</u>

Trust—Lincoln Avenue Residence Operation

Account Number 48-82-80-746

1. Emma Marshky, 2856, Residence Halls Clerk..... N	\$ 3 300
2. Jeanne E. Dunagan, 7196, Food Production Manager.... N	6 760
(Perquisites University—two meals)	
3. James A. Adkisson, 8864, Assistant Food Production Manager..... N	5 320
(Perquisites University—two meals)	
4. Majorie S. Cavanah, 2862, Food Service Supervisor..... N	4 000
(Perquisites University—two meals)	
5. ———, Food Service Supervisor..... N	4 500
(Perquisites University—two meals)	
6. ———, Food Service Supervisor..... N	4 000
(Perquisites University—two meals)	
<i>Total, Trust—Lincoln Avenue Residence Operation...</i>	<u>\$27 880</u>

Trust—Taft and Van Doren Houses Operation

Account Number 48-82-80-782

1. Sallie Jurs, 4894, Residence Halls Clerk..... G	\$ 1 980
(Nine months)	
<i>Total, Trust—Taft and Van Doren Houses Operation</i>	<u>\$ 1 980</u>

Trust—Housing Revenue Bond Fund—**Central Food Store Operation**

Account Number 48-82-86-712

1. John L. Hayes, 2828, Accountant II..... N	\$ 7 800
(Perquisites University—one meal)	
2. B. B. Breidenstein, 8890, Natural Science Technical Assistant..... N50	3 000
3. R. F. Hott, 2846, Purchasing Assistant II..... ZN30	2 700
(Total Salary).....	(9 000)
(Perquisites University—one meal)	
4. Alma H. Potterfield, 2836, Accounting Clerk I..... N	3 630
5. Etha J. Broom, 8553, Typing Clerk II..... N	3 030
6. Ruth A. Vagner, 8237, Clerk-Stenographer III..... N	3 870
7. Helen C. Goings, 8303, Clerk-Typist II..... ZN	3 330
8. Blanche L. Welch, 8687, Test Kitchen Cook..... N	3 420
(Perquisites University—one meal)	
9. Etna J. Doyle, 8516, Test Kitchen Dietitian..... N	6 840
(Perquisites University—two meals)	

10. Robert E. Selvey, 8099, Manager of Central Food Stores N (Perquisites University — one meal)	10 950
11. Norman Cross, 8723, Bakery Supervisor..... N (Perquisites University — one meal)	7 400
12. Melvin D. Sanders, 7650, Food Service Supervisor..... H (Perquisites University — one meal)	4 320
13. Floyd E. Davis, 8231, Produce Supervisor..... N (Perquisites University — one meal)	6 500
<i>Total, Trust — Housing Revenue Bond Fund — Central Food Store Operation.....</i>	<hr/> \$66 790

**Trust — Housing Revenue Bond Fund —
Orchard Downs Operation**

Account Number 48-82-86-761

1. Alice H. Fletcher, 8478, Residence Halls Clerk..... N50	\$ 1 410
2. ———, Residence Halls Clerk..... N50	1 410
<i>Total, Trust — Housing Revenue Bond Fund — Orchard Downs Operation</i>	<hr/> \$ 2 820

**Trust — Housing Revenue Bond Fund —
Peabody Drive Halls Operation**

Account Number 48-82-86-766

1. Betty L. Gordon, 8724, Residence Halls Clerk..... N	\$ 2 820
2. ———, Clerk-Typist I..... N	2 520
3. Donald R. Sheppelman, 8742, Food Production Manager N (Perquisites University — two meals)	7 200
4. Donna V. Davis, Assistant Food Production Manager... N (Perquisites University — two meals)	5 400
5. Ruby Waldron, 2855, Assistant Food Production Manager N (Perquisites University — two meals)	5 100
6. Charles W. Gordon, 9029, Food Service Supervisor..... N (Perquisites University — two meals)	4 920
<i>Total, Trust — Housing Revenue Bond Fund — Peabody Drive Halls Operation.....</i>	<hr/> \$27 960

**Trust — Housing Revenue Bond Fund —
Pennsylvania Avenue Residence Hall Operation**

Account Number 48-82-86-768

1. ———, Residence Halls Clerk..... N	\$ 2 700
2. ———, Residence Halls Clerk..... G (Nine months)	1 800
3. Lenora E. Morgan, 2861, Food Production Manager..... N (Perquisites University — two meals)	6 960
4. Olivia R. Magtira, 7704, Assistant Food Production Manager..... N	5 070
5. ———, 2854, Assistant Food Production Manager N (Perquisites University — two meals)	4 500
6. ———, 8672, Food Service Supervisor..... N (Perquisites University — two meals)	4 000
<i>Total, Trust — Housing Revenue Bond Fund — Pennsyl- vania Avenue Residence Hall Operation.....</i>	<hr/> \$25 030

**Trust — Housing Revenue Bond Fund —
Single Graduate Unit 1 Operation**

Account Number 48-82-86-775

1. Evelyn R. Blankenship, 8597, Residence Halls Clerk..... ZN60	\$ 1 440
(Total Salary)	(2 400)
<i>Total, Trust — Housing Revenue Bond Fund — Single Graduate Unit 1 Operation.....</i>	<hr/> \$ 1 440

**Trust — Housing Revenue Bond Fund —
Single Graduate Unit 2 Operation**

Account Number 48-82-86-777

1. Evelyn R. Blankenship, 8597, Residence Halls Clerk.....	ZN40	\$ 960
<i>Total, Trust — Housing Revenue Bond Fund — Single Graduate Unit 2 Operation.....</i>		<i>\$ 960</i>

**Trust — Housing Revenue Bond Fund —
Snack Bar and Service Building Operation**

Account Number 48-82-86-780

1. Wayne H. Shroyer, 7980, Concessions Manager.....	N	\$ 8 500
2. ———, 8805, Clerk I.....	N	2 400
<i>Total, Trust — Housing Revenue Bond Fund — Snack Bar and Service Building Operation.....</i>		<i>\$10 900</i>

**Trust — Assembly Hall Revenue Bond Fund —
Assembly Hall**

Account Number 48-82-88-705

1. Mary C. Smith, 2831, Clerk-Stenographer III.....	N	\$ 4 800
<i>Total, Trust — Assembly Hall Revenue Bond Fund — Assembly Hall</i>		<i>\$ 4 800</i>

Illini Union — General Building

Account Number 48-82-90-710

1. Kermit M. Clark, 2694, Accountant II.....	N	\$ 8 940
2. Clarence C. Leverenz, 7432, Assistant to Director of Illini Union	N	8 600
(Perquisites University — one meal)		
3. C. E. Wertz, 2683, Assistant to Director of Illini Union..	ZN75	6 730
(Total Salary)		(8 970)
(Perquisites University — one meal)		
4. Barbara L. Reed, 2691, Assistant to Social Director.....	N	5 200
5. Ettabelle Schwartz, 5594, Assistant to Social Director...	N	4 850
6. Pauline M. Pointer, 7707, Clerk II.....	N	3 480
7. Loretta J. Pilgrim, 2685, Clerk III.....	N	4 800
8. Mary K. Quinlan, 2712, Clerk III.....	N	3 840
9. Ralph H. Spencer, 9107, Accounting Clerk I.....	N	3 690
10. Janet K. Swearingen, 2705, Clerk-Stenographer III.....	N	3 900
11. Marijo Luhrsen, 8854, Clerk-Typist I.....	N	2 730
12. Earleen L. Crannell, 9227, Clerk-Typist I.....	N	3 000
13. Mary E. Rader, 2702, Clerk-Typist II.....	N	2 910
14. Barbara J. Seagle, 7616, Clerk-Typist II.....	N	3 120
15. ———, 5614, Clerk-Typist II.....	N	2 640
16. Beverly M. Beabout, 8355, Clerk-Typist III.....	N	4 050
17. Carolyn A. Cabalek, 2699, Clerk-Typist III.....	N	4 110
18. John A. Carroll, 9411, Social Program Coordinator.....	N	6 800
19. A. E. Sawyer, 2688, Chief Building Operating Engineer	N	11 000
20. Pina A. Cornell, 8821, Bookkeeping Machine Operator I	N	2 700
21. Pansy P. Vansickle, 2708, Bookkeeping Machine Opera- tor I	N	2 880
22. Martha J. Lusk, 2701, Bookkeeping Machine Operator II	N	4 020
23. Ruth M. Nogle, 8029, Duplicating Machine Operator I..	N	3 120
24. Ellyn J. Gillogly, 5512, Duplicating Machine Operator III	N	4 620
25. Robert L. McNabb, 5424, Night Supervisor of Illini Union	N	7 300
(Perquisites University — one meal)		
<i>Total, Illini Union — General Building.....</i>		<i>\$119 030</i>

Illini Union — Food Service

Account Number 48-82-90-720

1. R. F. Hott, 0278, Purchasing Assistant II.....	ZN30	\$ 2 700
(Total Salary)		(9 000)

2. Helen M. England, 2725, Clerk II..... N	3 600
(Perquisites University — one meal)	
3. Annette K. Nielsen, 2724, Clerk III..... N	4 620
(Perquisites University — one meal)	
4. Luella Rennier, 6007, Clerk III..... N	3 660
(Perquisites University — one meal)	
5. Evelyn M. Long, 2719, Food Production Manager..... N	7 620
(Perquisites University — two meals)	
6. Naomi J. Bowen, 2720, Assistant Food Production Manager..... N	6 600
(Perquisites University — two meals)	
7. Carolyn S. Coleman, 6831, Assistant Food Production Manager..... N	4 680
(Perquisites University — two meals)	
8. Florence A. Forsyth, 2722, Assistant Food Production Manager..... N	5 530
(Perquisites University — two meals)	
9. Laura C. Gould, 5622, Assistant Food Production Manager N	5 280
10. Carl F. Reardon, 7588, Assistant Food Production Manager..... N	5 170
(Perquisites University — two meals)	
11. Charmian N. Stewart, 9319, Assistant Food Production Manager..... N	4 830
(Perquisites University — two meals)	
12. ———, 7975, Assistant Food Production Manager N	4 800
13. Marjorie S. Arkwright, 2714, Food Service Manager.... N	12 500
(Perquisites University — two meals)	
14. Helen W. Penner, 5861, Assistant Food Service Manager N	9 330
(Perquisites University — two meals)	
15. Catherine E. Richards, 5310, Assistant Food Service Manager..... N	8 310
(Perquisites University — one meal)	
16. Virgie B. Davisson, 8777, Counter Supervisor..... N	3 900
17. Elffa E. Philbeck, 8776, Counter Supervisor..... N	3 600
18. Mary K. Lerch, 8764, Dining Room Supervisor..... N	3 600
19. Charles A. Adams, 8774, Dishroom Supervisor..... N	4 410
20. Fumie Bonk, 6160, Food Service Supervisor..... N	4 740
<i>Total, Illini Union — Food Service.....</i>	<i>\$109 480</i>

Illini Union — Billiards

Account Number 48-82-90-730

1. Bert N. Lippincott, 2735, Bowling Alley and Billiard Room Manager.....	ZN25	\$ 1 715
(Total Salary)		(6 860)
<i>Total, Illini Union — Billiards.....</i>		<i>\$ 1 715</i>

Illini Union — Bowling Alleys

Account Number 48-82-90-740

1. Bert N. Lippincott, 2735, Bowling Alley and Billiard Room Manager	ZN75	\$ 5 145
<i>Total, Illini Union — Bowling Alleys.....</i>		<i>\$ 5 145</i>

Illini Union — Bookstore

Account Number 48-82-90-770

1. Barbara A. Schenk, 8127, Clerk II..... N	\$ 2 700
2. John A. Balagna, Jr., 2729, Bookstore Manager..... N	10 000
3. Donald J. Dean, 5303, Assistant Bookstore Manager..... N	5 640
<i>Total, Illini Union — Bookstore.....</i>	<i>\$18 340</i>

CHICAGO OFFICE OF THE PRESIDENT

Account Number 05-06-01

1. Janet L. Besta, 0494, Chief Clerk..... N	\$ 5 160
2. Linda R. Hommer, 0495, Clerk-Stenographer II..... N	4 260

3. Helen M. Lemke, 8145, Clerk-Stenographer II.....	N40	1 854
4. Virginia M. Sharp, 9346, Clerk-Stenographer II.....	N	5 100
5. ———, 8145, Clerk-Stenographer II.....	N60	2 696
<i>Total, Chicago Office of the President.....</i>		<u>\$19 070</u>

MEDICAL CENTER

ADMINISTRATION AND GENERAL Vice-President's Office

Account Number 05-06-10		
1. Gloria A. Jorczak, 3230, Clerk-Stenographer II.....	N	\$4 440
2. Margaret C. Clancy, 3229, Administrative Secretary — Stenographic.....	N	8 400
<i>Total, Vice-President's Office.....</i>		<u>\$12 840</u>

Health Service

Account Number 05-06-15		
1. Rosa M. Sowell, 6640, Typing Clerk II.....	N	\$ 4 170
2. Irma H. Collins, 8254, Clerk-Typist II.....	N	4 410
3. Karen J. Powell, 3234, Clerk-Typist II.....	N	4 020
4. K. A. McClintock, 3233, Clerk-Typist III.....	N	4 620
5. Jeanne B. Frost, 3232, Staff Nurse.....	N	5 166
(Perquisites university — one meal)		
<i>Total, Health Service.....</i>		<u>\$22 386</u>

Medical Research Laboratory

Account Number 05-06-17		
1. Herschel W. Jones, 3238, Head Animal Caretaker.....	N	\$ 6 260
2. Roberta M. Klawta, 3237, Typing Clerk III.....	N	4 340
3. ———, 7909, Staff Nurse.....	N	4 920
4. A. L. Hesse, 3236, Supervisor of Medical Research Labora- tory.....	N	8 400
5. Reva M. Kemp, 3239, Histology Technologist.....	N	5 772
<i>Total, Medical Research Laboratory.....</i>		<u>\$29 692</u>

MEDICAL RESEARCH LABORATORY SERVICE

Account Number 15-10-09		
1. Murphy R. Cooper, 7648, Accountant I.....	N	\$ 6 170
2. ———, 8879, Laboratory Assistant II.....	N	3 720
3. Bailous Armstrong, 8815, Laboratory Assistant III.....	N	4 740
4. ———, 6513, Typing Clerk III.....	N	4 020
5. Virginia Pierce, 9457, Clerk-Stenographer II.....	N	4 500
6. Eugenia Smalenskas, 7295, Surgical Technician.....	N	3 360
<i>Total, Medical Research Laboratory Service.....</i>		<u>\$26 510</u>

Student Affairs

Account Number 05-06-32		
1. Lavon Elliott, 3344, Clerk-Stenographer III.....	N	\$ 5 340
2. Demaris Pinkstaff 6899, Clerk-Stenographer III.....	N	5 040
3. Judith A. Canaday, 3345, Clerk-Typist II.....	N	4 020
4. Geraldine Johnson, 7440, Secretary — Transcribing.....	N	5 280
<i>Total, Student Affairs.....</i>		<u>\$19 680</u>

Illustration Studios

Account Number 05-06-39		
1. Jane A. Monaco, 3398, Clerk-Typist III (Trainee).....	N	\$4 080
2. Gretchen Kruissink, 3396, Draftsman.....	N	4 120
3. Evelyn M. Robbins, 8034, Photographer II.....	N	5 610
4. Joseph S. Kozicki, 5559, Clinical Photographer.....	N	5 670

5. Lee F. Osborn, Jr., 3395, Clinical Photographer.....	N	7 710
6. Frederick Sharp, 8035, Clinical Photographer.....	N	9 000
7. —————, 3397, Clinical Photographer.....	N	6 770
<i>Total, Illustration Studios.....</i>		<u>\$42 960</u>

ILLUSTRATION STUDIOS REVOLVING

Account Number 15-10-75

1. —————, 9311, Clerk-Stenographer I.....	N	\$3 900
<i>Total, Illustration Studios Revolving.....</i>		<u>\$3 900</u>

Business Office**Business Manager's Office**

Account Number 05-06-18

1. Alice L. Steger, 3261, Typing Clerk III.....	N	\$ 5 100
2. W. E. Cowart, 3258, Assistant Business Manager.....	N	13 850
3. Joan Hruby, 3259, Secretary — Stenographic.....	N	6 480
<i>Total, Business Manager's Office.....</i>		<u>\$25 430</u>

Accounting Division

Account Number 05-06-19

1. Joseph Juhasz, 3321, Accountant I.....	N	\$ 6 060
2. Arlene Nienhuis, 3263, Accountant I.....	N	6 480
3. C. J. Nowakowski, 3264, Accountant II.....	ZN65	6 255
(Total Salary).....		(9 000)
4. Arthur Catrambone, 3265, Accountant III.....	ZN	10 800
5. Harold O. Albers, 3262, Division Chief Accountant.....	N	13 850
6. Donna Dupont, 3270, Clerk-Stenographer II.....	N	4 680
<i>Total, Accounting Division.....</i>		<u>\$48 125</u>

Collections Division

Account Number 05-06-20

1. Mary A. Sans, 3279, Cashier I.....	N	\$ 3 990
2. Lucille Weiler, 3278, Cashier II.....	N	4 770
3. Dolores F. Keating, 3277, Cashier III.....	N	7 380
4. Mary Ann E. Maraldo, 7160, Clerk-Typist I.....	N	4 020
<i>Total, Collections Division.....</i>		<u>\$20 160</u>

Payroll Division

Account Number 05-06-21

1. Nancy A. Hines, 3282, Payroll Clerk I.....	N	\$ 4 020
2. Noreen A. Ryan, 3283, Payroll Clerk II.....	N	4 440
3. Ernestine Lathrop, 3281, Payroll Clerk III.....	N	4 800
4. Beverly T. Lehmann, 3280, Payroll Supervisor.....	N	6 780
<i>Total, Payroll Division.....</i>		<u>\$20 040</u>

Purchasing Division

Account Number 05-06-22

1. J. F. Knight, 3284, Purchasing Agent.....	N	\$15 000
2. Ward L. Walhay, 3285, Assistant Purchasing Agent.....	ZN50	5 830
(Total Salary).....		(11 800)
3. Mary C. Horne, 3287, Purchasing Assistant II.....	N	8 220
4. Joseph P. Ramsay, 3290, Purchasing Assistant II.....	ZN65	5 400
(Total Salary).....		(8 370)
5. Stafford Kariotis, 3286, Purchasing Assistant III.....	ZN50	5 420
(Total Salary).....		(10 750)
6. Andrew C. Collins, 7169, Receiving Clerk.....	N	4 440
7. Ronald J. Perkins, 3294, Receiving Clerk.....	N	3 900
8. Evelyn B. Kortum, 3295, Clerk-Stenographer III.....	N	5 280
9. Agnes Maly, 3291, Secretary — Stenographic.....	N	6 180
10. Joseph Arnold, 3288, Supervisor of Central Receiving Station.....	N	6 360
<i>Total, Purchasing Division.....</i>		<u>\$66 030</u>

General Clerical**Account Number 05-06-24**

1. Arthur Catrambone, 3265, Office Manager.....	ZN	
2. Dominic Trombetta, 9500, Purchasing Assistant I.....	N	\$ 7 000
3. ———, Clerk.....	N	3 900
4. Anne C. Heramb, 6576, Clerk III.....	N	4 380
5. Doris J. Reid, 3299, Accounting Clerk I.....	N	3 780
6. Charles J. Drews, 3297, Accounting Clerk II (Trainee).....	N	3 720
7. Donis E. Graven, 3274, Accounting Clerk II.....	N	4 080
8. Marianne Petrunick, 5734, Accounting Clerk II.....	N	3 900
9. Anne S. Firszt, 3269, Chief Clerk.....	N	5 190
10. ———, 3292, Chief Clerk.....	N	4 980
11. Loretta Scachitti, 3303, Typing Clerk I.....	ZN82	3 000
(Total Salary).....		(3 900)
12. Patricia A. Dorsey, 3298, Typing Clerk II.....	N	3 960
13. Lorelei L. Nelson, 3301, Typing Clerk II.....	N	3 600
14. Barbara J. Chovanec, 3296, Clerk-Typist II.....	N	4 200
15. Dorothy Diederich, 3275, Clerk-Typist II.....	N	4 020
16. Mary Lichtenwalter, 3300, Clerk-Typist II.....	N	4 800
17. Judy Ann Murphy, 3273, Clerk-Typist II.....	N	4 080
18. Arlou Whittenberg, 3260, Clerk-Typist II.....	N	4 050
19. Helen Zalusky, 3304, Clerk-Typist II.....	N	3 900
20. Sue A. Coleman, 3266, Clerk-Typist III.....	ZN30	1 380
(Total Salary).....		(4 200)
21. Mary C. Kreidler, 3322, Clerk-Typist III.....	N	4 860
22. Elizabeth O. Yore, 3271, Clerk-Typist III.....	N	4 800
23. J. C. Dolciamore, 3289, Inventory Supervisor.....	N	6 060
<i>Total, General Clerical</i>		<u>\$93 640</u>

General Stores**Account Number 15-05-15**

1. Ward L. Walhay, 3285, Assistant Purchasing Agent.....	ZN20	\$ 2 190
(Total Salary).....		(11 800)
2. Betty Babiar, 3313, Stores Clerk.....	N	4 740
3. Fred A. Howe, 7927, Stores Clerk.....	N	5 340
4. Elvie McClinton, 7926, Stores Clerk.....	N	5 160
5. Curtis Walton, 7925, Stores Clerk.....	N	4 680
6. Loretta Scachitti, 3303, Typing Clerk I.....	ZN18	900
(Total Salary).....		(3 900)
7. Harry W. Phillip, 3309, Stores Supervisor.....	N	7 660
<i>Total, General Stores</i>		<u>\$30 670</u>

Student Supply Storeroom**Account Number 15-05-35**

1. Ward L. Walhay, 3285, Assistant Purchasing Agent.....	ZN30	\$ 3 780
(Total Salary).....		(11 800)
2. Joseph P. Ramsay, 3290, Purchasing Assistant II.....	ZN35	2 970
(Total Salary).....		(8 370)
3. Stafford Kariotis, 3286, Purchasing Assistant III.....	ZN25	2 880
(Total Salary).....		(10 750)
4. John J. Brennan, 3308, Clerk II.....	N	4 080
5. Estelle Mulatero, 3307, Stores Clerk.....	N	4 410
6. B. F. Dungan, 3305, Manager of Student Supply Store.....	N	9 000
7. William C. Godin, 7924, Stores Supervisor.....	N	6 240
<i>Total, Student Supply Storeroom</i>		<u>\$33 360</u>

Tabulating Service**Account Number 15-10-43**

1. Florence Kemp, 3319, Card Punch Operator I.....	N	\$ 3 930
2. Karin Y. Pagel, 8619, Card Punch Operator I.....	N	3 930
3. Mary A. Cornell, 5160, Card Punch Operator II.....	N	4 830
4. Eileen E. Mulhall, 3318, Card Punch Operator III.....	N	5 400
5. Frank J. Opolony, 8250, Tabulating Machine Operator I..	N	4 200

6. Allan J. Stanicek, 9308, Tabulating Machine Operator I...	N	3 780
7. Lawrence W. Wilborn, 7348, Tabulating Machine Operator I..... (On military leave without pay)	N	4 020
8. Eugene J. Krych, 7065, Tabulating Machine Operator III...	N	5 160
9. Ottie P. Carter, 3316, Tabulating Machine Supervisor.....	N	11 850
10. Steve E. Adamczyk, 3317, Assistant Tabulating Machine Supervisor.....	N	7 980
<i>Total, Tabulating Service.....</i>		<u>\$55 080</u>

Trust — Hospital and Medical Service

Account Number 15-15-25

1. Linda D. Schwartz, 8464, Clerk-Typist II.....	N	\$ 3 900
<i>Total, Trust — Hospital and Medical Service.....</i>		<u>\$ 3 900</u>

Trust — Indirect Costs — Business Office

Account Number 56-06-03

1. C. J. Nowakowski, 3264, Accountant II.....	ZN35	\$ 2 745
(Total Salary).....		(9 000)
2. _____, Accountant II.....	N	7 000
3. _____, Cashier II.....	N	3 900
4. Marie Herman, 8077, Chief Clerk.....	N	5 880
5. Adeline Kocolowski, 3276, Chief Clerk.....	N	5 940
6. Marlene Shipp, 7996, Clerk-Stenographer III.....	N	4 860
7. Sue A. Coleman, 3266, Clerk-Typist III.....	ZN70	2 820
(Total Salary).....		(4 200)
<i>Total, Trust — Indirect Costs — Business Office.....</i>		<u>\$33 145</u>

Auditing

Account Number 05-06-23

1. Gust Hermanson, 8660, Accountant II.....	N	\$ 7 890
2. Frederick J. Ray, 3325, Accountant II.....	N	6 750
3. _____, 3326, Accountant II.....	ZN84	7 440
(Total Salary).....		(8 900)
4. Carlton Merrifield, 3324, Assistant Auditor.....	N	11 400
5. Alice W. Glowacki, 3327, Clerk-Typist III.....	N	5 010
<i>Total, Auditing.....</i>		<u>\$38 490</u>

Trust — Indirect Costs — Auditing

Account Number 56-06-04

1. _____, 3326, Accountant II.....	ZN16	\$ 1 460
<i>Total, Trust — Indirect Costs — Auditing.....</i>		<u>\$ 1 460</u>

Admissions and Records

Account Number 05-06-25

1. Ann Feryanchik, 3331, Typing Clerk III.....	N	\$ 4 350
2. Genevieve R. Mutka, 3329, Clerk-Stenographer III.....	N	5 250
3. Helen E. Wyle, 3330, Clerk-Stenographer III.....	N	6 030
4. Anita J. Lamkin, 3332, Assistant Examiner.....	N	5 310
5. Velma M. Davis, 3328, Examiner and Recorder.....	N	9 000
6. _____, 3333, Messenger.....	N50	1 950
<i>Total, Admissions and Records.....</i>		<u>\$31 890</u>

Nonacademic Personnel

Account Number 05-06-30

1. Mae Slappey, 6311, Personnel Assistant II.....	N	\$ 5 580
2. Mary Jane Reedy, 8880, Personnel Assistant III.....	N	5 550
3. Darlene Peddicord, 3340, Typing Clerk II.....	N	4 260
4. Mary F. Pacer, 3342, Typing Clerk III.....	N	5 340
5. Judith M. Mikrut, 3339, Clerk-Stenographer III.....	N	5 580
6. Regina Mittler, 3337, Clerk-Typist II.....	N	4 380

7. Rose Mary Strueck, 3334, Visiting Nurse.....	ZN60	3 600
(Total Salary).....		(6 000)
8. George H. Adams, 7368, Labor Relations Officer.....	N	11 670
9. Noreen A. Loan, 7960, Personnel Officer I.....	N	7 860
10. Gertrude Meiers, 3335, Personnel Officer II.....	N	9 240
11. Maurice S. Cohen, 5488, Placement Officer.....	N	7 200
12. Harry R. Murphy, 3336, Placement Officer.....	N	7 560
<i>Total, Nonacademic Personnel.....</i>		<i>\$77 820</i>

Indirect Costs — Nonacademic Personnel

Account Number 56-06-02

1. Marian V. Allen, 7681, Clerk-Stenographer III.....	N	\$ 5 760
2. Laura C. Holzapfel, 5735, Clerk-Typist II.....	N	4 380
<i>Total, Indirect Costs — Nonacademic Personnel.....</i>		<i>\$10 140</i>

Public Information

Account Number 05-06-35

1. Rochelle McCall, Typing Clerk I.....	N	\$ 3 750
2. Janice M. Stempak, 7100, Clerk-Stenographer III.....	N	5 490
3. Jack Righeimer, 6607, Assistant Manager of Public Information.....	N	6 660
4. ———, Assistant Manager of Public Information.....	N	6 300
<i>Total, Public Information.....</i>		<i>\$22 200</i>

Stenographic Service

Account Number 15-10-39

1. Carliss Prestwood, 7229, Duplicating Machine Operator I..	N	\$ 3 450
2. Margery B. Robinson, 8135, Duplicating Machine Operator I.....	N	3 450
3. Lois Thompson, 8473, Duplicating Machine Operator I....	N	3 450
4. Dolores C. Frank, 3343, Duplicating Machine Operator III	N	5 370
<i>Total, Stenographic Service.....</i>		<i>\$15 720</i>

COLLEGE OF MEDICINE**Administration**

Account Number 05-12-03

1. ———, 3377, Chief Clerk.....	N	\$ 6 240
2. Mary A. Finnegan, 3352, Clerk-Stenographer III.....	N	5 660
3. Violet Gabriel, 3349, Clerk-Typist III.....	N	4 900
4. ———, 3333, Messenger.....	N50	1 950
5. Yvonne L. Baker, 3353, Secretary — Stenographic.....	N	6 200
6. Catharine E. Dolan, 3348, Administrative Secretary — Stenographic.....	N	8 400
<i>Total, Administration.....</i>		<i>\$33 350</i>

Cooperative Investigations

TRUST — MEDICAL EDUCATION RESEARCH COMMONWEALTH FUND

Account Number 50-05-10

1. Olivia Teverbaugh, 8803, Clerk-Typist II.....	N	\$ 4 100
2. Lillie A. Brewton, 8005, Clerk-Typist III.....	N	5 090
3. Elzada Primus, 9472, Clerk-Typist III.....	N	4 800
<i>Total, Trust — Medical Education Research Commonwealth Fund.....</i>		<i>\$13 990</i>

Anatomy

Account Number 05-12-18

1. Grace S. Winfrey, 6446, Laboratory Assistant III.....	N	\$ 4 890
2. Rose L. Walsh, 3359, Chief Clerk.....	N	6 600
3. Mary A. Simon, 6040, Clerk-Typist II.....	N	4 200
4. Thomas Blacine, Jr., 7498, Anatomy Curator.....	N	5 000
5. George H. Miller, 3356, Pathotechnologist.....	N	6 840
6. Lucille Whitworth, 3357, Histology Technologist.....	N	5 916
<i>Total, Anatomy.....</i>		<i>\$33 446</i>

Cooperative Investigations

TRUST—U.S. PUBLIC HEALTH SERVICE RG6208C2

Account Number 55-16-21

- | | | |
|---|---|----------|
| 1. Dorsel Anderson, 9306, Laboratory Assistant III..... | N | \$ 4 404 |
|---|---|----------|

TRUST—U.S. PUBLIC HEALTH SERVICE B415C7

Account Number 55-16-61

- | | | |
|---|---|----------|
| 1. Betty J. Larson, 8720, Medical Technologist I..... | N | \$ 4 860 |
|---|---|----------|

Biological Chemistry

Account Number 05-12-27

- | | | |
|---|---|----------|
| 1. Larry G. McCarty, 3372, Stores Clerk..... | N | \$ 4 404 |
| 2. Margaret M. Cooper, 3374, Clerk-Stenographer II..... | N | 4 200 |
| 3. Anne L. Megley, 5185, Secretary—Stenographic..... | N | 6 300 |
| 4. Wendell P. Peete, 7661, Storekeeper..... | N | 5 496 |
| 5. Fred Gandy, Jr., 8122, Medical Technologist I..... | N | 4 860 |
| 6. Nathaniel Jackson, 3373, Medical Technologist I..... | N | 5 496 |

<i>Total, Biological Chemistry.....</i>		<u>\$30 756</u>
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Cooperative Investigations

TRUST—AMERICAN CANCER SOCIETY INSTITUTE

Account Number 50-12-40

- | | | |
|---|---|----------|
| 1. Hannah Watkins, 8255, Biochemistry Technologist..... | N | \$ 5 496 |
|---|---|----------|

TRUST—AMERICAN CANCER SOCIETY

Account Number 50-12-50

- | | | |
|---|---|----------|
| 1. Bobby H. Biggers, 6564, Biochemistry Technologist..... | N | \$ 5 628 |
|---|---|----------|

TRUST—AMERICAN CANCER SOCIETY P201A

Account Number 50-12-61

- | | | |
|---|---|----------|
| 1. Perla L. Maravilla, 7337, Biochemistry Technologist..... | N | \$ 5 496 |
|---|---|----------|

TRUST—U.S. RS6686C

Account Number 55-21-29

- | | | |
|---|---|----------|
| 1. Alice Lonsdale, 8618, Biochemistry Technologist..... | N | \$ 5 916 |
|---|---|----------|

TRUST—U.S. PUBLIC HEALTH SERVICE E3380C

Account Number 55-21-47

- | | | |
|--|---|----------|
| 1. Betty S. Wyatt, 8321, Medical Technologist I..... | N | \$ 4 740 |
|--|---|----------|

TRUST—U.S. PUBLIC HEALTH SERVICE CY2856C4

Account Number 55-21-69

- | | | |
|---|---|----------|
| 1. Robert D. Cole, 7735, Biochemistry Technologist..... | N | \$ 5 916 |
|---|---|----------|

TRUST—U.S. PUBLIC HEALTH SERVICE C2951C5

Account Number 55-21-84

- | | | |
|--|---|----------|
| 1. Harold E. Charles, 7690, Biochemistry Technologist..... | N | \$ 5 772 |
|--|---|----------|

TRUST—U.S. PUBLIC HEALTH SERVICE A4967

Account Number 55-22-40

- | | | |
|---|--|----------|
| 1. James W. Duke, 7699, Biochemistry Technologist (Trainee) N | | \$ 5 364 |
|---|--|----------|

TRUST—U.S. PUBLIC HEALTH SERVICE 2347C6

Account Number 55-35-81

- | | | |
|--|---|----------|
| 1. Myrtle Thornton, 7462, Biochemistry Technologist..... | N | \$ 5 628 |
|--|---|----------|

Dermatology

Account Number 05-12-36

- | | | |
|---|-----|----------|
| 1. Sadie B. Stringer, 6635, Laboratory Assistant III..... | N | \$ 4 404 |
| 2. Mary M. Mungovan, 7963, Clerk-Stenographer III..... | N40 | 1 980 |
| 3. _____, 7963, Clerk-Stenographer III..... | N20 | 1 068 |
| 4. Marie P. Ehrlicher, 3393, Secretary—Stenographic..... | N | 6 150 |
| 5. Vanda Zolynas, 3392, Histology Technologist..... | N | 5 700 |

<i>Total, Dermatology.....</i>		<u>\$19 302</u>
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Medical Social Work

Account Number 05-12-41

- | | | |
|--|---|----------|
| 1. Leola Mathews, 4501, Clerk-Stenographer II..... | N | \$ 4 290 |
| 2. Josephine Hickey, 3677, Clerk-Stenographer III..... | N | 4 830 |

3. Myrtle H. Parkman, 3675, Clerk-Stenographer III.....	N	4 800
4. Lauretta Willborn, 3545, Clerk-Stenographer III.....	N	5 190
5. Frances Smith, 3676, Clerk-Typist II.....	N	4 110
6. _____, 3674, Secretary — Stenographic.....	N	5 100
<i>Total, Medical Social Work</i>		<u>\$28 320</u>

Medicine**Account Number 05-12-42**

1. Bertha Mae Heady, 3411, Laboratory Assistant I.....	N	\$ 3 456
2. Edward L. Eckert, 6474, Equipment Attendant.....	N	5 100
3. Joyce M. Adamczyk, 3415, Clerk-Stenographer II.....	N	5 010
4. Judith A. Eisenmann, 3414, Clerk-Stenographer II.....	N	4 440
5. Nancy Leasure, 3416, Clerk-Stenographer III.....	ZN50	2 685
(Total Salary).....		(5 370)
6. Mary L. Lockett, 3413, Clerk-Stenographer III.....	N	4 500
7. Roberta D. Nelson, 7230, Clerk-Stenographer III.....	N	5 700
8. Lucille G. Leary, 3412, Clerk-Typist II.....	N	4 140
9. Gay Sven, 7922, Clerk-Typist II.....	ZN50	2 040
(Total Salary).....		(4 080)
10. A. E. Stewart-Morris, 5298, Clerk-Typist III.....	N	5 010
11. Bennie F. Booker, 5317, Pathotechnologist.....	ZN82	4 851
(Total Salary).....		(5 916)
12. _____, 7525, Pathotechnologist.....	N	5 916
13. Doris Nielsen, 3406, Secretary — Stenographic.....	N	7 200
14. Bernadette E. Ward, 5316, Biochemistry Technologist.....	N	5 496
15. Frances D. Engram, 7010, Medical Technologist I.....	N	4 860
<i>Total, Medicine</i>		<u>\$70 404</u>

Cooperative Investigations**TRUST — CHICAGO HEART ASSOCIATION****Account Number 50-24-45**

1. Carol A. Morton, Laboratory Assistant II.....	N	\$ 3 900
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TRUST — U.S. PUBLIC HEALTH SERVICE CA0491203**Account Number 55-35-02**

1. Sandra G. Ashmore, 7857, Clerk-Stenographer II.....	N	\$ 4 800
2. Claudine C. Corsini, 9355, Clerk-Stenographer II.....	N	4 440
3. Martha G. Fishman, 9347, Medical Technologist I.....	N	5 232
<i>Trust — U.S. Public Health Service CA0491203</i>		<u>\$14 472</u>

TRUST — U.S. ATOMIC ENERGY COMMISSION PROJECT 1079**Account Number 55-35-04**

1. Birgitta M. Evers, 8654, Medical Technologist I.....	N	\$ 4 740
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TRUST — U.S. PUBLIC HEALTH SERVICE H2253C5**Account Number 55-35-15**

1. Nancy Leasure, 3416, Clerk Stenographer III.....	ZN50	\$ 2 685
2. Kathleen I. Guest, 8556, Medical Technologist I.....	N	4 980
<i>Total, Trust — U.S. Public Health Service H2253C5</i>		<u>\$ 7 665</u>

TRUST — U.S. PUBLIC HEALTH SERVICE E1690 C4**Account Number 55-35-19**

1. Berit M. Bertilson, 7849, Pathotechnologist.....	N	\$ 5 916
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TRUST — U.S. PUBLIC HEALTH SERVICE E2044C3**Account Number 55-35-29**

1. Bennie F. Booker, 5317, Pathotechnologist.....	ZN18	\$ 1 065
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TRUST — U.S. PUBLIC HEALTH SERVICE E1855C4**Account Number 55-35-64**

1. Isabel L. Chang, 7331, Biochemistry Technologist.....	N	\$ 5 628
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TRUST — U.S. ARMY MD 421**Account Number 55-35-65**

1. Eugenia Wade, 6238, Laboratory Assistant I.....	N	\$ 3 804
2. Carol Setterstrom, 8413, Clerk-Typist II.....	N	4 200
<i>Total, Trust — U.S. Army MD421</i>		<u>\$ 8 004</u>

TRUST — U.S. PUBLIC HEALTH SERVICE 2E208

Account Number 55-35-74

1. Larose E. Favors, 6109, Laboratory Assistant II.....	N	\$ 3 900
2. Natalia Parkevich, 9453, Laboratory Assistant II.....	N	4 296
3. Gay Sven, 7922, Clerk-Typist II.....	ZN50	2 040
4. Peggy Dunbar, 8659, Medical Technologist I.....	N	4 980
<i>Total, Trust — U.S. Public Health Service 2E208.....</i>		<u>\$15 216</u>

TRUST — U.S. PUBLIC HEALTH SERVICE A3758C1

Account Number 55-35-83

1. Karen Kindahl, 9357, Laboratory Assistant II.....	ZN20	\$ 720
(Total Salary).....		(3 720)
2. Lola Boeck, 8297, Medical Technologist I.....	N	4 740
<i>Total, Trust — U.S. Public Health Service A3758C1.....</i>		<u>\$ 5 460</u>

TRUST — U.S. PUBLIC HEALTH SERVICE 2347C7

Account Number 55-35-87

1. Janet G. Korzen, 6099, Clerk-Stenographer III.....	N	\$ 4 950
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TRUST — U.S. PUBLIC HEALTH SERVICE 2A5105C3

Account Number 55-35-93

1. Karen Kindahl, 9357, Laboratory Assistant II.....	ZN80	\$ 3 000
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TRUST — U.S. PUBLIC HEALTH SERVICE A5332

Account Number 55-36-01

1. Ethel J. Hoffeins, 9330, Medical Technologist I (Trainee) ..	N	\$ 4 620
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TRUST — U.S. PUBLIC HEALTH SERVICE H5124C2

Account Number 55-36-05

1. Nancy Ellyn Kelley, 8331, Medical Technologist I.....	N	\$ 4 740
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Microbiology

Account Number 05-12-44

1. Mary Aldridge, 3368, Laboratory Assistant I.....	N	\$ 3 804
2. Lucille Carmickle, 6058, Laboratory Assistant I.....	N	3 372
3. Calvin U. Toliver, 3365, Laboratory Assistant I.....	N	3 804
4. Deborah Dickinson, 3367, Laboratory Assistant III.....	N	4 980
5. Vldas Literskis, 5779, Laboratory Assistant III.....	N	4 860
6. Lula M. Neal, 3366, Laboratory Assistant III.....	N	4 620
7. Stanley G. Moore, 6054, Laboratory Program Administrative Assistant.....	N	7 410
8. Dorothy M. Daniels, 7102, Clerk-Typist III.....	ZN50	2 505
(Total Salary).....		(5 010)
9. Ethel M. Ortwein, 5776, Secretary — Stenographic.....	N	6 210
<i>Total, Microbiology.....</i>		<u>\$41 565</u>

Neurology and Neurological Surgery

Account Number 05-12-45

1. Fumiko Koketsu, 3440, Laboratory Assistant II.....	N	\$ 3 900
2. Sharon M. Kwak, 3430, Laboratory Assistant II.....	N	3 810
3. Beatrice K. Meyers, 6055, Laboratory Program Administrative Assistant.....	NS	9 210
4. Lorayne R. Oerter, 3436, Clerk-Stenographer III.....	N	5 400
5. Diane B. Leeb, 6196, Clerk-Typist II.....	N	3 900
6. Alyce E. Oxford, 3433, Clerk-Typist II.....	N	4 500
7. Danuta J. Myslicki, 3437, Clerk-Typist III.....	N	4 200
8. Vanda M. H. Kranicke, 3432, Secretary — Stenographic...	N	7 200
9. Marie Woolfolk, 3439, Darkroom Technician II.....	N	4 200
10. Preston D. Gilliam, Electroencephalographic Technician (Trainee).....	N	1 675
11. Marie C. Hammer, 3438, Electroencephalographic Technician.....	N	2 790
12. Jean Wilson, 5969, Electroencephalographic Technician...	ZN90	4 200
(Total Salary).....		(4 500)
13. Aline I. Portner, Supervising Electroencephalographic Technician (Trainee).....	N	4 788
14. Roxy L. Pickering, 3428, Chief Medical X-ray Technician..	NS	9 210
<i>Total, Neurology and Neurological Surgery.....</i>		<u>\$68 983</u>

Cooperative Investigations

TRUST — W. BARKER FUND

Account Number 50-22-70

- | | | |
|---|------|--------|
| 1. Jean Wilson, 5969, Electroencephalographic Technician... | ZN10 | \$ 420 |
|---|------|--------|

TRUST — CRIPPLED CHILDREN'S BUREAU

Account Number 53-12-10

- | | | |
|--|---|----------|
| 1. Ray Z. Schuman, 3443, Clerk-Stenographer III..... | Z | \$ 4 800 |
|--|---|----------|

Obstetrics and Gynecology

Account Number 05-12-48

- | | | |
|---|---|-----------------|
| 1. Ethel E. Raglin, 8016, Laboratory Assistant III..... | N | \$ 4 740 |
| 2. Marie Lindsey, 7142, Clerk-Typist II..... | N | 4 260 |
| 3. Blanche M. Mayberry, 3446, Clerk-Typist III..... | N | 5 100 |
| 4. Esther H. Fiessel, 3445, Secretary — Stenographic..... | N | 7 200 |
| <i>Total, Obstetrics and Gynecology.....</i> | | <u>\$21 300</u> |

Occupational Therapy

Account Number 05-12-49

- | | | |
|---|---|-----------------|
| 1. Juanita Wales, 3448, Clerk-Typist II..... | N | \$ 4 230 |
| 2. Elizabeth C. Edelen, 3449, Musician..... | N | 5 400 |
| 3. Rita J. Toohey, 3447, Secretary — Transcribing..... | N | 5 820 |
| 4. Judith A. Arora, 3450, Staff Occupational Therapist..... | N | 5 010 |
| <i>Total, Occupational Therapy.....</i> | | <u>\$20 460</u> |

Ophthalmology

Account Number 05-12-51

- | | | |
|--|---|-----------------|
| 1. Joan C. Anderson, 3456, Clerk-Stenographer III..... | N | \$ 5 240 |
| 2. Ludmila V. Zmeskal, 3453, Clerk-Stenographer III..... | N | 5 400 |
| 3. Huldah E. Johnson, 3451, Pathotechnologist..... | N | 6 840 |
| 4. Joan R. Dering, 3452, Secretary — Transcribing..... | N | 6 180 |
| 5. Leonora P. Bueno, 3454, Histology Technologist..... | N | 5 736 |
| 6. Edith V. Roth, 3455, Medical Technologist I..... | N | 5 100 |
| <i>Total, Ophthalmology.....</i> | | <u>\$34 496</u> |

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE 2B5195C1

Account Number 55-46-21

- | | | |
|---|---|----------|
| 1. Dora Mae Barkstrom, 7141, Pathotechnologist..... | N | \$ 5 604 |
|---|---|----------|

Orthopaedic Surgery

Account Number 05-12-54

- | | | |
|---|---|-----------------|
| 1. Arleana S. Walton, 3465, Laboratory Assistant I..... | N | \$ 3 540 |
| 2. Alice C. Bartlett, 3462, Laboratory Assistant III..... | N | 5 232 |
| 3. Nell E. White, 5683, Clerk II..... | N | 4 200 |
| 4. Ellie Lowe, 3468, Clerk-Stenographer II..... | N | 4 800 |
| 5. Linda Maizel, 7352, Clerk-Stenographer III..... | N | 4 680 |
| 6. Jeanette M. Damon, 3467, Clerk-Typist II..... | N | 4 260 |
| 7. Ida Stephan, 3466, Secretary — Stenographic..... | N | 7 200 |
| <i>Total, Orthopaedic Surgery.....</i> | | <u>\$33 912</u> |

Otolaryngology

Account Number 05-12-57

- | | | |
|--|---|-----------------|
| 1. Agnes E. Schirka, 3473, Laboratory Assistant II..... | N | \$ 4 512 |
| 2. Catherine Connery, 3476, Clerk-Stenographer III..... | N | 5 430 |
| 3. Patricia A. Rhode, 3475, Clerk-Stenographer III..... | N | 5 400 |
| 4. Gloria M. Turner, 3477, Clerk-Stenographer III..... | N | 4 890 |
| 5. Maria E. Ikenberg, 3470, Clinical Photographer..... | N | 7 900 |
| 6. Marion B. Wickland, 3474, Secretary — Stenographic..... | N | 7 200 |
| 7. Andrew W. Lee, 3469, Electro-Acoustic Technician..... | N | 6 000 |
| 8. Fannie Lee Billups, 3471, Histology Technologist..... | N | 5 628 |
| 9. Imogene Miles, 3472, Medical Technologist I..... | N | 4 980 |
| <i>Total, Otolaryngology.....</i> | | <u>\$51 940</u> |

Pathology**Account Number 05-12-60**

1. Jessie F. Brown, 3483, Laboratory Assistant II.....	N	\$ 4 296
2. Adolphus Goode, 3481, Laboratory Assistant III.....	N	5 232
3. Kunigunda Silinis, 3482, Laboratory Assistant III.....	N	5 232
4. Ruth M. Jacobs, 6492, Laboratory Program Administrative Assistant.....	N	7 130
5. Cyril V. Gazarek, 3479, Pathotechnologist.....	NS	7 008
6. Thelma M. Sims, 3484, Secretary—Stenographic.....	N	6 950
7. Elena Sniegaitis, 3478, Histology Technologist.....	N	5 916
<i>Total, Pathology.....</i>		<u>\$41 764</u>

Cooperative Investigations**TRUST—AMERICAN CANCER SOCIETY****Account Number 50-39-01**

1. Irene B. Barman, 9303, Laboratory Assistant II.....	N	\$ 3 804
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TRUST—AMERICAN CANCER SOCIETY E267**Account Number 50-39-26**

1. Alexandra Pawlak, 9406, Laboratory Assistant III.....	N	\$ 4 404
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TRUST—U.S. PUBLIC HEALTH SERVICE H2253C4**Account Number 55-35-14**

1. Joana Puniska, 7714, Medical Technologist I.....	N	\$ 4 860
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TRUST—U.S. A968C5 TISSUE CHANGES—PIRANI**Account Number 55-47-10**

1. Louis A. Aravena, 9471, Laboratory Assistant I.....	N	\$ 3 288
2. Anna Sulaitis, 6328, Medical Technologist I (Trainee).....	N	4 404
<i>Total, Trust—U.S. A968C5 Tissue Changes—Pirani.....</i>		<u>\$ 7 692</u>

TRUST—U.S. PUBLIC HEALTH SERVICE A4365**Account Number 55-47-25**

1. Sofia Mickevicius, 9430, Laboratory Assistant II.....	N	\$ 3 720
2. Frances A. Griffin, 8472, Laboratory Assistant III.....	N	4 296
3. Elena Namikas, 9475, Laboratory Assistant III.....	N	4 404
<i>Total, Trust—U.S. Public Health Service A4365.....</i>		<u>\$12 420</u>

TRUST—U.S. PUBLIC HEALTH SERVICE 8304C**Account Number 55-47-38**

1. Milton V. Farquhar, 8635, Medical Technologist I.....	N	\$ 4 860
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TRUST—U.S. PUBLIC HEALTH SERVICE H1623C9**Account Number 55-47-44**

1. Raymond H. Arias, 6774, Laboratory Assistant I.....	N	\$ 3 540
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Pediatrics**Account Number 05-12-63**

1. Alice Andersen, 3490, Secretary—Stenographic.....	N	\$ 6 180
<i>Total, Pediatrics.....</i>		<u>\$ 6 180</u>

Cooperative Investigations**TRUST—U.S. PUBLIC HEALTH SERVICE RG9630****Account Number 55-48-01**

1. Delores M. Stratten, 9202, Clerk-Typist III.....	ZN50	\$ 2 400
(Total Salary).....		(4 800)
2. Eleanor G. Fort, 9199, Principal Laboratory Technologist..	N	6 600
<i>Total, Trust—U.S. Public Health Service RG9630.....</i>		<u>\$ 9 000</u>

TRUST—U.S. PUBLIC HEALTH SERVICE H6970**Account Number 55-48-12**

1. Delores M. Stratten, 9202, Clerk-Typist III.....	ZN50	\$ 2 400
2. Mary E. Saunders, 9433, Laboratory Dishwasher.....	N	3 000
3. Joanne F. Lavender, 9201, Hematology Technologist.....	N	5 496
<i>Total, Trust—U.S. Public Health Service H6970.....</i>		<u>\$10 896</u>

TRUST — U.S. PUBLIC HEALTH SERVICE A6015

Account Number 55-48-50

- | | | |
|--|---|----------|
| 1. Caryn M. Harr, 9203, Medical Technologist I (Trainee).... | N | \$ 4 512 |
|--|---|----------|

Pharmacology

Account Number 05-12-66

- | | | |
|--|---|-----------------|
| 1. Dolores J. Shevlin, 3498, Clerk-Stenographer III..... | N | \$ 4 800 |
| 2. Bert M. Gustafson, 3499, Instrument Maker..... | N | 8 120 |
| 3. Polly F. Cline, 3497, Secretary — Stenographic..... | N | 6 100 |
| 4. Anita Tatone, 3501, Secretary — Stenographic..... | N | 5 740 |
| 5. Ralph L. Nye, 3500, Electronics Technician II..... | N | 6 050 |
| <i>Total, Pharmacology.....</i> | | <u>\$30 810</u> |

Cooperative Investigations

TRUST — LICENSED BEVERAGE INDUSTRIES

Account Number 50-45-01

- | | | |
|--|-----|----------|
| 1. Dolores C. Firszt, 6916, Biochemistry Technologist..... | N80 | \$ 4 848 |
|--|-----|----------|

TRUST — U.S. PUBLIC HEALTH SERVICE 2354C4

Account Number 55-50-09

- | | | |
|--|---|-----------------|
| 1. Estella Mason, 3504, Laboratory Assistant I..... | N | \$ 3 804 |
| 2. Charles Richardson, 7877, Laboratory Assistant II..... | N | 3 996 |
| <i>Total, Trust — U.S. Public Health Service 2354C4.....</i> | | <u>\$ 7 800</u> |

TRUST — U.S. PUBLIC HEALTH SERVICE 2G81C2

Account Number 55-50-13

- | | | |
|--|---|----------|
| 1. Arline T. Grant, 7998, Clerk-Stenographer II..... | N | \$ 4 260 |
|--|---|----------|

TRUST — U.S. PUBLIC HEALTH SERVICE B983 C5

Account Number 55-50-30

- | | | |
|--|---|----------|
| 1. Peggy J. Davis, 7888, Medical Technologist I..... | N | \$ 5 100 |
|--|---|----------|

Physical Medicine and Rehabilitation

Account Number 05-12-72

- | | | |
|--|---|-----------------|
| 1. Naomi McCutcheon, 3506, Secretary — Stenographic..... | N | \$ 6 210 |
| 2. Therese Donatello, 6755, Medical Technologist I..... | N | 4 860 |
| <i>Total, Physical Medicine and Rehabilitation.....</i> | | <u>\$11 070</u> |

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE H2568C4

Account Number 55-52-09

- | | | |
|---|---|----------|
| 1. Roscoe E. Mitchell, 6912, Biochemistry Technologist..... | N | \$ 5 772 |
|---|---|----------|

Physiology

Account Number 05-12-75

- | | | |
|---|---|-----------------|
| 1. John Firek, 3512, Laboratory Assistant II..... | N | \$ 4 512 |
| 2. Karen A. Daly, 3511, Clerk-Stenographer II..... | N | 4 410 |
| 3. ———, 3514, Clerk-Typist III..... | N | 4 800 |
| 4. George H. Luhr, 3508, Instrument Maker..... | N | 8 220 |
| 5. Edwin R. Herskind, 5060, Senior Laboratory Mechanic..... | N | 5 610 |
| 6. Virginia J. Maier, 3513, Secretary — Stenographic..... | N | 6 330 |
| 7. Julius J. Gyorke, 8121, Storekeeper..... | N | 4 950 |
| 8. Phoebe G. Prentiss, 3516, Principal Laboratory Technologist..... | N | 9 960 |
| <i>Total, Physiology.....</i> | | <u>\$48 792</u> |

Cooperative Investigations

TRUST — AMERICAN CANCER SOCIETY — ENERGY SOURCE ANOXIC HEPATOMAS

Account Number 50-51-07

- | | | |
|--|---|----------|
| 1. Z. Buinevicius, 8583, Medical Technologist I..... | N | \$ 4 860 |
|--|---|----------|

TRUST — AMERICAN CANCER SOCIETY No. 7

Account Number 50-51-35

- | | | |
|---|---|----------|
| 1. Robert M. Kodama, 8647, Biochemistry Technologist..... | N | \$ 5 628 |
|---|---|----------|

TRUST—U.S. PUBLIC HEALTH SERVICE H4155C

Account Number 55-55-08

- | | | |
|---|---|----------|
| 1. Carolyn M. Barbacki, 9025, Medical Technologist I. | N | \$ 4 980 |
|---|---|----------|

TRUST—U.S. PUBLIC HEALTH SERVICE H4517

Account Number 55-55-15

- | | | |
|---|---|-----------------|
| 1. Helen T. McClain 8348, Biochemistry Technologist. | N | \$ 5 628 |
| 2. Gayle M. Wernberg, 8586, Medical Technologist I. | N | 4 740 |
| <i>Total, Trust—U.S. Public Health Service H4517.</i> | | <u>\$10 368</u> |

TRUST—U.S. PUBLIC HEALTH SERVICE MY3898

Account Number 55-55-30

- | | | |
|--|---|-----------------|
| 1. Gerald S. Falk, 9388, Medical Technologist I. | N | \$ 4 860 |
| 2. Carol A. Wegrzyn, 8330, Medical Technologist I (Trainee) N | | 4 092 |
| <i>Total, Trust—U.S. Public Health Service MY3898.</i> | | <u>\$ 8 952</u> |

TRUST—U.S. PUBLIC HEALTH SERVICE B3801

Account Number 55-55-72

- | | | |
|--|---|----------|
| 1. Howard A. Dowell, 9302, Medical Technologist I. | N | \$ 4 980 |
|--|---|----------|

TRUST—U.S. PUBLIC HEALTH SERVICE 2766C4

Account Number 55-55-79

- | | | |
|---|---|----------|
| 1. Natsu Taylor, 7105, Biochemistry Technologist. | N | \$ 5 772 |
|---|---|----------|

TRUST—U.S. PUBLIC HEALTH SERVICE 6637C2

Account Number 55-55-82

- | | | |
|---|---|----------|
| 1. Adela M. Perez, 8859, Medical Technologist I (Trainee) . . . | N | \$ 4 296 |
|---|---|----------|

Preventive Medicine

Account Number 05-12-78

- | | | |
|--|---|-----------------|
| 1. Ophelia J. Berry, 3525, Secretary—Stenographic. | N | \$ 5 520 |
| 2. —————, Secretary—Stenographic. | N | 5 400 |
| <i>Total, Preventive Medicine.</i> | | <u>\$10 920</u> |

Cooperative Investigations

TRUST—WARNER LAMBERT

Account Number 50-52-03

- | | | |
|--|---|-----------------|
| 1. Cardella Price, 3526, Laboratory Assistant I. | N | \$ 3 540 |
| 2. Loretta Bates, 8788, Laboratory Assistant II. | N | 4 092 |
| <i>Total, Trust—Warner Lambert.</i> | | <u>\$ 7 632</u> |

TRUST—MERCK, SHARP, AND DOHME

Account Number 50-52-80

- | | | |
|---|---|----------|
| 1. Eugenia Kefalides, 7939, Clerk-Stenographer III. | N | \$ 5 100 |
|---|---|----------|

TRUST—U.S. PUBLIC HEALTH SERVICE E1690C3

Account Number 55-35-18

- | | | |
|--|---|----------|
| 1. Ann E. Williams, 8716, Microbiology Technologist. | N | \$ 5 772 |
|--|---|----------|

Psychiatry

Account Number 05-12-81

- | | | |
|---|-----|-----------------|
| 1. Lucille Elliott, 3536, Laboratory Assistant I. | N | \$ 3 804 |
| 2. Betty J. Dobbs, 3532, Laboratory Assistant III. | N | 5 100 |
| 3. Genevieve M. Lowden, 3534, Laboratory Assistant III. . . . | N | 5 100 |
| 4. Robert C. Helm, 3555, Animal Caretaker I. | N | 4 188 |
| 5. Lorraine F. McNeill, 3540, Clerk-Stenographer III. | N | 5 970 |
| 6. Elizabeth N. Sachs, 3543, Clerk-Stenographer III. | N60 | 2 910 |
| 7. —————, 3547, Clerk-Stenographer III. | N | 4 500 |
| 8. Katie S. White, 3541, Clerk-Typist II. | N | 4 320 |
| 9. Margaret O. Baigen, 3546, Clerk-Typist III. | N | 5 100 |
| 10. Luella Head, 7281, Clerk-Typist III. | N | 4 440 |
| 11. Frank A. Liscarz, 7406, Instrument Maker. | N | 6 570 |
| 12. Elaine R. Engstrom 3538, Secretary—Stenographic. . . . | N | 7 200 |
| 13. Charlotte S. Hart, 3542, Secretary—Stenographic. | N | 6 390 |
| 14. Luberta Shirley, 3539, Secretary—Stenographic. | N | 6 120 |
| 15. Virginia Eagleton, 8103, Medical Technologist I. | N | 5 232 |
| <i>Total, Psychiatry.</i> | | <u>\$76 944</u> |

Cooperative Investigations**TRUST — STATE DEPARTMENT OF PUBLIC WELFARE — PSYCHOSOMATIC DIFFERENTIATION IN INFANTS**

Account Number 55-60-05

1. C. McCandlish, 5582, Laboratory Assistant III.....	N	\$ 4 512
2. Johnnie L. Williams, 7164, Clerk-Typist II.....	N	4 440
<i>Total, Trust — State Department of Public Welfare — Psychosomatic Differentiation in Infants.....</i>		<i>\$ 8 952</i>

TRUST — STATE DEPARTMENT OF PUBLIC WELFARE — NEURAL METABOLISM

Account Number 55-60-10

1. Ira Jean Redmond, 6294, Clerk-Stenographer II.....	N	\$ 4 320
2. Norman A. Bartley, 7364, Clinical Photographer.....	ZN75	5 715
<i>(Total Salary).....</i>		<i>(7 620)</i>
<i>Total, Trust — State Department of Public Welfare — Neural Metabolism.....</i>		<i>\$10 035</i>

TRUST — U.S. PUBLIC HEALTH SERVICE B1650C3

Account Number 55-60-23

1. Yoko Kimura, 6415, Clerk-Typist III.....	N	\$ 4 590
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TRUST — U.S. PUBLIC HEALTH SERVICE M637C7

Account Number 55-60-57

1. Norman A. Bartley, 7364, Clinical Photographer.....	ZN25	\$ 1 905
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TRUST — STATE DEPARTMENT OF PUBLIC WELFARE — DR. GEIGER

Account Number 55-60-70

1. James A. Edwards, 5825, Laboratory Assistant I.....	N	\$ 3 624
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TRUST — U.S. PUBLIC HEALTH SERVICE 2M6009C5

Account Number 55-60-90

1. Faye H. Weinstein, 6577, Clerk-Stenographer III.....	N40	\$ 2 220
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Radiology

Account Number 05-12-84

1. Lura Hayes, 8073, Clerk-Typist II.....	ZN50	\$ 2 130
<i>(Total Salary).....</i>		<i>(4 200)</i>
2. Fingal Spongberg, 3561, Instrument Maker.....	N	7 800
3. Margaret W. Ritter, 3559, Secretary — Stenographic.....	N	7 020
<i>Total, Radiology.....</i>		<i>\$16 950</i>

Cooperative Investigations**TRUST — AMERICAN CANCER SOCIETY — TEMPERATURE AND OXYGEN EFFECTS**

Account Number 50-55-35

1. Lura Hayes, 8073, Clerk-Typist II.....	ZN50	\$ 2 070
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Surgery

Account Number 05-12-90

1. Marija Petravicius, 7691, Laboratory Assistant III.....	ZN48	\$ 2 268
<i>(Total Salary).....</i>		<i>(4 980)</i>
2. Patricia M. Carr, 7365, Clerk-Stenographer II.....	N	4 410
3. Sallie S. Graham, 3569, Clerk-Stenographer III.....	N	5 430
4. Elaine J. Wilcox, 6287, Clerk-Stenographer III.....	N	5 010
5. Everett T. Hoppe, 3565, Pathotechnologist.....	N	6 840
6. Josephine Magista, 3567, Secretary — Stenographic.....	N	7 200
7. Ruth G. McGrath, 3570, Biochemistry Technologist.....	N	6 840
8. Patricia McCarthy, 9390, Medical Technologist I.....	ZN62	3 048
<i>(Total Salary).....</i>		<i>(4 860)</i>
<i>Total, Surgery.....</i>		<i>\$41 046</i>

Cooperative Investigations**TRUST — AMERICAN CANCER SOCIETY T-170B**

Account Number 50-57-56

1. Mamie O'Neal Wymbs, 7358, Laboratory Assistant I.....	N	\$ 3 372
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TRUST — U.S. PUBLIC HEALTH SERVICE CT630C12

Account Number 55-65-17

1. Sandra M. Sven, 8136, Clerk I.....	N	\$ 3 840
2. Marilyn K. Miller, 3574, Clerk-Stenographer II.....	N	4 320
<i>Total, Trust — U.S. Public Health Service CT630C12.....</i>		<u>\$ 8 160</u>

TRUST — U.S. PUBLIC HEALTH SERVICE H3045C4

Account Number 55-65-44

1. Regina Kazlauskas, 7420, Biochemistry Technologist.....	N	\$ 5 916
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TRUST — U.S. PUBLIC HEALTH SERVICE — UNIVERSITY OF

WISCONSIN — CHEMOTHERAPY

Account Number 55-65-50

1. S. M. Schneiderman, 9023, Laboratory Assistant II.....	N	\$ 3 720
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TRUST — U.S. PUBLIC HEALTH SERVICE CY3482C4

Account Number 55-65-54

1. Marija Petravicius, 7691, Laboratory Assistant III.....	ZN52	\$ 2 712
2. Patricia McCarthy, 9390, Medical Technologist I.....	ZN38	1 812
<i>Total, Trust — U.S. Public Health Service CY3482C4.....</i>		<u>\$ 4 524</u>

TRUST — U.S. PUBLIC HEALTH SERVICE CS9594C3

Account Number 55-65-63

1. Rosalind Barbrow, 7011, Laboratory Assistant II.....	N	\$ 3 996
2. Maureen N. Levin, 8630, Laboratory Assistant II.....	N	3 996
3. Bridget P. Quirk, 6955, Laboratory Assistant II.....	N	4 188
4. Marjorie M. Goodwin, 8387, Medical Technologist I.....	N	4 980
<i>Total, Trust — U.S. Public Health Service CS9594C3.....</i>		<u>\$17 160</u>

TRUST — U.S. PUBLIC HEALTH SERVICE H6953

Account Number 55-65-99

1. Eugene A. Jobgen, 8001, Pathotechnologist.....	N	\$ 5 916
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COLLEGE OF DENTISTRY

Administration

Account Number 05-15-01

1. Arlene J. Schmale, 3580, Clerk-Stenographer III.....	N	\$ 5 340
2. Dorit Ansari, 3622, Secretary — Stenographic.....	N	6 000
3. Margaret M. Lahey, 3579, Administrative Secretary — Stenographic.....	N	8 400
4. Daniel Lyons, 5852, Storekeeper.....	N	5 628
<i>Total, Administration.....</i>		<u>\$25 368</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE DSU5004

Account Number 55-73-15

1. Darlene Brauch, 8656, Dental Assistant.....	N	\$ 4 140
2. Doris J. Gerth, 9178, Dental Assistant.....	N	4 020
3. Anita J. Johnson, 8701, Dental Assistant.....	N	4 020
4. Annetta Jean Ptak, 8655, Dental Assistant.....	N	4 200
5. Mary K. Richard, 9196, Dental Assistant.....	N	4 020
6. Carla M. Sonshine, 8204, Dental Assistant.....	N	4 020
<i>Total, Trust — U.S. Public Health Service DSU5004.....</i>		<u>\$24 420</u>

TRUST — U.S. PUBLIC HEALTH SERVICE D1064

Account Number 55-79-10

1. Dixie L. Turpin, 7999, Clerk-Typist II.....	N	\$ 4 260
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Postgraduate Education

Account Number 05-15-07

1. Barbara A. Fuller, 3584, Clerk-Stenographer III.....	N	\$ 4 980
2. Dorothy Greenhill, 3582, Secretary — Stenographic.....	N	6 450
<i>Total, Postgraduate Education.....</i>		<u>\$11 430</u>

Patient Admissions

Account Number 05-15-10

1. _____, 7580, Clerk II.....	N	\$ 3 750
2. Arlette Stepelton, 3586, Clerk III.....	N	4 920
3. Carolyn Peterson, 3585, Chief Clerk.....	N	6 510
<i>Total, Patient Admissions.....</i>		<u>\$15 180</u>

Applied Materia Medica and Therapeutics

Account Number 05-15-15

1. J. S. Calafiore, 6018, Dental Assistant.....	N	\$ 4 020
2. Erica Y. Friederici, 3592, Laboratory Assistant III.....	N40	2 093
3. _____, 3592, Laboratory Assistant III.....	N60	3 139
4. Gwendolyn Currin, 3593, Clerk III.....	N	5 280
5. Frances C. Abraham, 3590, Secretary — Stenographic.....	N	5 550
<i>Total, Applied Materia Medica and Therapeutics.....</i>		<u>\$20 082</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D984

Account Number 55-75-65

1. Helen Strano, 8564, Secretary — Stenographic.....	N	\$ 5 500
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Fixed Partial Prosthodontics

Account Number 05-15-20

1. _____, 3599, Typing Clerk II.....	N	\$ 3 990
2. Ruth E. Scapino, 3598, Clerk-Stenographer III.....	N	4 920
<i>Total, Fixed Partial Prosthodontics.....</i>		<u>\$ 8 910</u>

Dental Clinics

Account Number 05-15-25

1. Dorothy M. Pillot, 7614, Dental Assistant.....	N	\$ 5 070
2. Ora Dee Grayson, 3606, Laboratory Assistant I.....	N	3 804
3. Lilly N. Henry, 6882, Laboratory Assistant I.....	N	3 372
4. Heloise L. Julian, 3604, Laboratory Assistant I.....	N	3 456
5. Annie M. Tillman, 3605, Laboratory Assistant I.....	N	3 804
6. Lucendia Williams, 3603, Laboratory Assistant I.....	N	3 456
7. Ann J. Pack, 3602, Cashier II.....	N	4 200
8. Betty Becola, 3587, Clerk III.....	N	4 800
9. Stanley J. Maly, 8881, Junior Laboratory Mechanic.....	N	6 180
10. Gustav Swanson, 3600, Senior Laboratory Mechanic.....	N	7 560
11. Frances M. McGinn, 3601, Storekeeper.....	N	5 280
<i>Total, Dental Clinics.....</i>		<u>\$50 982</u>

Dental Clinics Revolving

Account Number 07-15-25

1. Marilyn A. Hetman, 9403, Clerk-Stenographer II.....	N	\$ 4 500
<i>Total, Dental Clinics Revolving.....</i>		<u>\$ 4 500</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE DSU5004

Account Number 55-73-15

1. Barbara Pezzopane, 8657, Dental Assistant.....	N	\$ 4 020
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Prosthodontics

Account Number 05-15-55

1. Audrey Luhtala, 3609, Laboratory Assistant II.....	N	\$ 4 050
2. Elizabeth F. Carter, 8555, Clerk-Stenographer II.....	N	4 560
3. Josella J. Palopoli, 3610, Clerk-Typist II.....	N	4 110
4. Adrienne McNair, 8068, Pathotechnologist.....	N	6 672
5. Ramona Jendrick, 3607, Secretary — Stenographic.....	N	5 340
<i>Total, Prosthodontics.....</i>		<u>\$24 732</u>

Histology

Account Number 05-15-60

1. Marion Thornton, 3615, Laboratory Assistant III.....	N	\$ 5 100
2. Lillian Cunningham, 3613, Clerk-Stenographer III.....	N	5 460
3. Grace H. Thwing, 3611, Clerk-Stenographer III.....	N	5 490
4. Albert R. Venture, 3614, Junior Laboratory Mechanic....	N	6 040
5. William M. Winn, 7149, Clinical Photographer.....	N	7 540
6. K. V. Katele, 3612, Chief Medical Technologist.....	N	7 300

Total, Histology..... \$36 930

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE 2G643

Account Number 55-75-30

1. Stella Przybylski, 7826, Laboratory Assistant III.....	N	\$ 4 536
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TRUST — U.S. PUBLIC HEALTH SERVICE A3220C

Account Number 55-80-51

1. Alina Skrupskelis, 8066, Laboratory Assistant III.....	N	\$ 4 860
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Operative Dentistry

Account Number 05-15-75

1. Marie S. Holoubek, 3624, Clerk III.....	N	\$ 5 010
2. Dorothy A. Gallo, 3623, Secretary — Stenographic.....	N	5 190

Total, Operative Dentistry..... \$10 200

Oral and Maxillofacial Surgery

Account Number 05-15-80

1. Elaine Alessio, 3627, Dental Assistant.....	N	\$ 4 020
2. Mae C. Faul, 6561, Dental Assistant.....	N	4 950
3. Roseanne Kirn, 3626, Dental Assistant.....	N	4 770
4. Marie V. Venture, 7526, Dental Assistant.....	N	4 860
5. Margaret E. Sparks, 3625, Clerk-Stenographer III.....	N	4 620

Total, Oral and Maxillofacial Surgery..... \$23 220

Orthodontics

Account Number 05-15-82

1. Arlene L. Hoffman, 7595, Clerk-Typist II.....	N	\$ 3 900
2. Harold Markham, 3630, Photographer II.....	N	5 640
3. —————, 3628, Secretary — Stenographic.....	N	5 820

Total, Orthodontics..... \$15 360

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE DT12C3

Account Number 55-73-08

1. Herbert J. Leary, Jr., 7106, Biochemistry Technologist (Trainee).....	N	\$ 5 364
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Oral Pathology

Account Number 05-15-86

1. Faith I. Desrochers, 8743, Clerk-Stenographer III.....	N	\$ 5 160
2. Ludmilla Demidow, 6599, Biochemistry Technologist.....	N	5 952

Total, Oral Pathology..... \$11 112

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D1615

Account Number 55-80-01

1. Vincent Blazaitis, 8607, Laboratory Assistant II.....	N	\$ 4 296
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TRUST — U.S. PUBLIC HEALTH SERVICE 0-658

Account Number 55-80-10

1. Margaret Jen, 7749, Laboratory Assistant I.....	N	\$ 3 456
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TRUST — U.S. PUBLIC HEALTH SERVICE D968

Account Number 55-80-46

1. Paul Burlakow, 8164, Pathotechnologist.....	N	\$ 6 060
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Pedodontics

Account Number 05-15-88

1. Verna S. Stieb, 3637, Dental Assistant.....	N	\$ 5 070
2. Carol L. Vavrina, 3638, Dental Assistant.....	N	4 260
3. Carol F. Schroeder, 7103, Clerk-Typist II.....	N	4 050
4. May G. Greenaway, 3635, Clinic Nurse.....	N	6 300
<i>Total, Pedodontics</i>		<u>\$19 680</u>

Radiology

Account Number 05-15-90

1. Lois Williams, 3642, Clerk-Typist III.....	N	\$ 5 340
2. Leslie Blank, 3643, Dental X-ray Technician I.....	N	4 230
3. Annette M. Matula, 3641, Dental X-ray Technician I.....	N	4 170
4. Alberta Christiano, 3640, Dental X-ray Technician II.....	N	6 000
5. J. D. Hauptfuehrer, 6386, Chief Dental X-ray Technician..	ZN93	7 787
(Total Salary).....		(8 400)
<i>Total, Radiology</i>		<u>\$27 527</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D1594

Account Number 55-83-01

1. J. D. Hauptfuehrer, 6386, Chief Dental X-ray Technician..	ZN7	\$ 613
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TRUST — U.S. PUBLIC HEALTH SERVICE D973C2

Account Number 55-83-32

1. Inez O. Banks, 7964, Clerk-Typist II.....	N	\$ 4 020
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COLLEGE OF PHARMACY**Administration**

Account Number 05-18-05

1. Emma E. Trojanek, 3646, Chief Clerk.....	N	\$ 5 646
2. G. Jean Oder, 3651, Clerk-Typist III.....	N	4 800
3. John W. Lesley, 7930, Messenger.....	N	3 420
4. Sally E. Jurinek, 3645, Secretary — Stenographic.....	N	5 820
5. Violet Klettka, 3647, Secretary — Stenographic.....	N	6 780
<i>Total, Administration</i>		<u>\$26 466</u>

Chemistry

Account Number 05-18-10

1. Sondra D. Lawson, 6004, Clerk-Stenographer III.....	N	\$ 5 304
2. Jean S. Filip, 3650, Secretary — Stenographic.....	N	6 270
3. Andrew Burger, 3654, Storekeeper.....	N	5 232
4. Carl A. Voelker, 6019, Storekeeper.....	N	5 100
5. Clifton Williams, 3657, Storekeeper.....	N	4 860
<i>Total, Chemistry</i>		<u>\$26 766</u>

Pharmacognosy and Pharmacology

Account Number 05-18-15

1. Jose G. Bueno, 3653, Laboratory Assistant III.....	N	\$ 5 232
2. Patricia Miski, 3649, Clerk-Stenographer II.....	N	4 560
3. Bobbie J. Creque, 6003, Clerk-Stenographer III.....	N	4 860
4. Henry F. Luethje, 3652, Farm Foreman.....	NS	6 600
5. Lee A. Sawyer, 3655, Storekeeper.....	N	5 364
<i>Total, Pharmacognosy and Pharmacology</i>		<u>\$26 616</u>

Pharmacy

Account Number 05-18-20

1. Janis Zaube, 6016, Laboratory Assistant III.....	N	\$ 4 740
2. Yolanda Pachorek, 3648, Clerk III.....	N	4 880
3. Charlotte E. Buck, 6005, Clerk-Stenographer III.....	N	5 010
4. Theodore Mayer, 6017, Storekeeper.....	N	4 860
<i>Total, Pharmacy</i>		<u>\$19 490</u>

Stores — Hospital Pharmacy

Account Number 15-05-25

1. Henry Casey, 8118, Laboratory Assistant I.....	NS	\$ 3 720
2. Gordon A. Werner, 8712, Laboratory Assistant I.....	N	3 804
3. James W. Jackson, 7850, Stores Clerk.....	NS	4 512
4. Monica Konjevich, 3659, Clerk-Typist II.....	N	4 560
5. Mitchell J. Patela, 8386, Storekeeper.....	N	4 512
6. Samuel L. Gibbons, 5858, Manufacturing Pharmacy Technician.....	NS	5 200
<i>Total, Stores — Hospital Pharmacy.....</i>		<u>\$26 308</u>

Illinois Eye and Ear Infirmary Pharmacy

Account Number 15-05-28

1. John L. Battersby, 3662, Stores Clerk.....	NS	\$ 5 000
<i>Total, Illinois Eye and Ear Infirmary Pharmacy.....</i>		<u>\$ 5 000</u>

Pharmacy Stores Overhead

Account Number 15-05-71

1. Lucille T. Gewerth, 8271, Accounting Clerk II.....	N	\$ 4 530
2. Nick J. Derango, 8256, Stores Clerk.....	N	4 320
3. Frank E. Gorski, 3660, Stores Supervisor.....	N	6 912
<i>Total, Pharmacy Stores Overhead.....</i>		<u>\$15 762</u>

GRADUATE COLLEGE**Administration**

Account Number 05-19-05

1. Magda K. Davis, 3369, Secretary — Transcribing.....	N	\$ 5 680
<i>Total, Administration.....</i>		<u>\$ 5 680</u>

Trust — Indirect Costs — Graduate College

Account Number 56-90-05

1. Dorothy M. Daniels, 7102, Clerk-Typist III.....	ZN50	\$ 2 505
(Total Salary).....		(5 010)
<i>Total, Trust — Indirect Costs — Graduate College.....</i>		<u>\$ 2 505</u>

COLLEGE OF NURSING

Account Number 05-21-05

1. Dorothy E. Goodman, 7542, Clerk-Stenographer II.....	N	\$ 5 300
2. Luvenia Hooks, 3668, Clerk-Typist II.....	N	3 900
3. Suzanne Vogel, 3666, Clerk-Typist II.....	N	3 960
4. Patsy J. Maki, 3672, Secretary — Stenographic.....	N	6 400
<i>Total, College of Nursing.....</i>		<u>\$19 560</u>

DIVISION OF SERVICES FOR CRIPPLED CHILDREN**State**

Account Number 05-23-05

1. Roland E. Zook, 0098, Research Analyst.....	N	\$10 200
2. Annabel Osby, 0030, Personnel Assistant II.....	N	6 600
3. Dorothy Dukett, 0029, Chief Clerk.....	N	5 910
4. Pauline M. Klarich, 5556, Chief Clerk.....	N	5 610
5. Sophie B. Mueller, 0031, Chief Clerk.....	N	4 710
6. Sylvia Bloomquist, 0038, Clerk-Stenographer III.....	N	4 920
7. Hilda H. Sullivan, 5372, Clerk-Stenographer III.....	N	4 800
8. Juanita Brockman, 0061, Clerk-Typist III.....	N	4 800
9. Henrietta Marlowe, 0132, Clerk-Typist III.....	N	4 710
10. Mayme Riva, 0067, Clerk-Typist III.....	N	4 800
11. Marie S. Connor, 0025, Medical Social Consultant.....	N	7 620
12. Catherine V. F. Lott, 0102, Medical Social Consultant.....	N	8 310
13. Elizabeth K. Moffit, 8040, Medical Social Consultant.....	N	7 830
14. Marion V. Smith, 0101, Medical Social Consultant.....	N	8 760
15. Dorothy L. Treiber, 6786, Medical Social Consultant.....	N	7 950
16. Grace F. Borah, 0014, Nursing Consultant.....	N	7 230

17. Frances L. Crites, 0011, Nursing Consultant.....	N	7 770
18. Gladys C. Gibbons, 0015, Nursing Consultant.....	N	7 680
19. Irene A. Gregg, 0012, Nursing Consultant.....	N	6 800
20. Madeline E. Groesch, 0016, Nursing Consultant.....	N	7 800
21. Mary E. Higgins, 0021, Nursing Consultant.....	N	8 040
22. Evelyn M. Kuehnle, 0022, Nursing Consultant.....	N	7 740
23. Josephine Remley, 0017, Nursing Consultant.....	N	8 100
24. Geneva M. Theis, 0018, Nursing Consultant.....	N	7 400
25. Vera M. Vatthauer, 0020, Nursing Consultant.....	N	8 000
26. Marie L. Czwalsinski, 0005, Orthopedic Nursing Consultant	N	8 430
27. Margaret Duffy, 0019, Orthopedic Nursing Consultant....	N	8 400
28. Minna M. Hildebrand, 5296, Orthopedic Nursing Consultant.....	N	8 200
29. Jean A. Sciora, 0006, Orthopedic Nursing Consultant.....	N	8 400
30. Myrtle E. Swanson, 0009, Orthopedic Nursing Consultant.....	N	8 250
31. Irene R. Donohue, 0108, Speech and Hearing Consultant..	N	8 340
32. Evelyn M. Green, 0107, Speech and Hearing Consultant...N	N	8 370
33. Kathleen F. Gunn, 6491, Speech and Hearing Consultant..	N	8 280
34. Burdette Thurman, 0110, Speech and Hearing Consultant..	N	8 130
35. Catherine Woods, 0109, Speech and Hearing Consultant...N	N	8 310
36. James J. Thompson, 0094, Janitor.....	N	4 440
37. ———, 0099, Office Manager.....	N	9 300
38. Robert G. Summers, 0097, Personnel Officer II.....	N	8 500
39. Helen Culbertson, 0027, Secretary — Stenographic.....	N	7 200
40. Zoe Hall, 0100, Supervisor of Medical Social Service.....	N	10 700
41. Hedwig B. Trauba, 0001, Supervisor of Nursing Service...N	N	10 860
42. Mary D. Ford, 0105, Assistant Supervisor of Nursing Service.....	N	9 570
43. Marjorie E. Gibson, 0002, Assistant Supervisor of Nursing Service.....	N	10 200
44. Robert K. Simpson, 0106, Supervisor of Speech and Hearing Service.....	N	8 800
<i>Total, State.....</i>		<u>\$336 770</u>

Business Office**Account Number 05-23-10**

1. Lean C. Ryan, 0114, Accountant II.....	N	\$ 7 860
2. William R. Hinds, 8334, Accounting Clerk II.....	N	5 400
3. Addalein C. Hawk, 7153, Chief Clerk.....	N	6 030
4. Magdalen Krmelj, 0035, Clerk-Stenographer III.....	N	4 800
5. Rosemary M. Drabing, 0073, Clerk-Typist II.....	N	3 300
<i>Total, Business Office.....</i>		<u>\$27 390</u>

Federal**Account Number 53-23-05**

1. Melvin Allen, Cleft Palate Technical Assistant (Trainee)..	N	\$ 4 800
2. Mary J. Gilmartin, 0034, Clerk II.....	N	3 750
3. Shirley Matthews, 0124, Clerk II.....	N	3 570
4. Norma R. Reed, 0086, Clerk II.....	N	2 880
5. Rose J. Salvetti, 0071, Clerk II.....	N	4 020
6. Donna J. Thomas, 5041, Clerk II.....	N	3 510
7. ———, 0091, Clerk II.....	N	3 600
8. Catherine H. Casey, 0063, Clerk III.....	N	4 590
9. Mary I. Cott, 0081, Clerk III.....	N	4 860
10. Anna M. Shean, 0083, Chief Clerk.....	N	5 130
11. Marian Bailey, 0087, Typing Clerk II.....	N	3 600
12. Iva N. Burris, 0056, Clerk-Stenographer III.....	N	3 720
13. M. Louise Emerson, 5295, Clerk-Stenographer III.....	N	4 170
14. Helen G. Hancock, 0050, Clerk-Stenographer III.....	N	4 410
15. Frances K. Hiestand, 0068, Clerk-Stenographer III.....	N	3 600
16. Buelah L. Holden, 0051, Clerk-Stenographer III.....	N	3 750
17. Mary E. Knox, 0057, Clerk-Stenographer III.....	N	3 900
18. Dolores M. Koenig, 5571, Clerk-Stenographer III.....	N	5 430
19. Clarice N. Mauney, 0039, Clerk-Stenographer III.....	N	4 800

20. Doris Murrell, 0115, Clerk-Stenographer III.....	N	4 800
21. Mayre R. Palmer, 0042, Clerk-Stenographer III.....	N	4 860
22. Bonita Pavelonis, 0055, Clerk-Stenographer III.....	N	4 500
23. Georgia E. Rose, 5244, Clerk-Stenographer III.....	N	4 260
24. Pauline R. Spencer, 0119, Clerk-Stenographer III.....	N	4 110
25. Sharon I. Swanson, 0123, Clerk-Stenographer III.....	N	4 170
26. Patsy M. Utz, 0078, Clerk-Stenographer I.....	N	3 720
27. ———, 6245, Clerk-Stenographer III.....	N	4 500
28. Mildred B. Zverow, 0116, Clerk-Stenographer III.....	N40	2 400
29. Betty M. Crouch, 5192, Clerk-Typist II.....	N	3 480
30. Carol A. Diekemper, 6053, Clerk-Typist II.....	N	3 240
31. Joann M. Dugger, 8608, Clerk-Typist II.....	N	3 180
32. Dorothy L. Girdler, 0084, Clerk-Typist II.....	N	3 690
33. Dorothy Hart, 5289, Clerk-Typist II.....	N	3 270
34. Wanda J. Jamerson, 5248, Clerk-Typist II.....	N	3 510
35. Suzanne M. Lesak, 0074, Clerk-Typist II.....	N	4 260
36. Madonna A. Reed, 0066, Clerk-Typist II.....	N	3 900
37. Izetta R. Roberts, 0046, Clerk-Typist II.....	N	3 120
38. ———, 0121, Clerk-Typist II.....	N	3 900
39. ———, 0062, Clerk-Typist II.....	N	3 900
40. Mary E. Anderson, 7019, Clerk-Typist III.....	N	4 920
41. Helen L. Bottoms, 0041, Clerk-Typist III.....	N	4 800
42. Mary Ann Bruss, 0048, Clerk-Typist III.....	N	4 380
43. H. Patricia Guthrie, 0033, Clerk-Typist III.....	N	4 320
44. Kathryn M. Hunt, 0044, Clerk-Typist III.....	N	4 200
45. Ella B. Johnson, 0047, Clerk-Typist III.....	N	4 980
46. Marlene Lindauer, 0059, Clerk-Typist III.....	N	3 810
47. Dorothy McCullough, 0060, Clerk-Typist III.....	N	4 800
48. Marie J. Moore, 0117, Clerk-Typist III.....	N	4 620
49. Harriett V. Sackman, 0052, Clerk-Typist III.....	N	4 410
50. Renate Spiegel, 0120, Clerk-Typist III.....	N50	2 160
51. Mary Wilkins, 0090, Clerk-Typist III.....	N	4 620
52. Patricia A. Willhoit, 0036, Clerk-Typist III.....	N	4 440
53. Elizabeth J. Bailess, 0103, Medical Social Consultant.....	N	7 000
54. ———, 0024, Medical Social Consultant.....	N	6 700
55. Eugenia Waechter, 0008, Nursing Consultant.....	N	8 000
56. ———, 0003, Orthopedic Nursing Consultant.....	N	6 000
57. John G. Cikas, 0127, Building Custodian.....	N	5 040
58. Eunice G. Levander, 4892, Clinic Nurse.....	N80	5 040
59. James R. Kavanaugh, 0088, Duplicating Machine Operator III.....	N	4 680
60. William E. Drake, 6038, Tabulating Machine Operator II..	N	4 320
61. Miho T. Hoyer, 0134, Secretary — Stenographic.....	N	6 200
62. Patricia A. Curtis, 9391, Statistician I.....	N	4 380
63. Lowell E. Gresham, 0125, Storekeeper I.....	N	3 600
64. Stella Friedman, 0026, Office Supervisor.....	N	7 020
<i>Total, Federal.....</i>		<u>\$279 300</u>

Business Office

Account Number 53-23-10

1. Jean A. Reichert, 0072, Typing Clerk II.....	N	\$ 3 000
2. Alice J. Greene, 0076, Clerk-Typist II.....	N	3 120
3. Irene B. Stauffer, 0080, Clerk-Typist III.....	N	4 350
4. Donna Sue Douglas, 8201, Card Punch Operator II.....	N	3 600
<i>Total, Business Office.....</i>		<u>\$14 070</u>

PHYSICAL EDUCATION**Physical Education for Men**

Account Number 05-24-05

1. Thomas E. Ziroli, 3678, Men's Locker Room Attendant...	N	\$ 5 590
2. ———, Clerk-Typist II.....	N50	1 500
<i>Total, Physical Education for Men.....</i>		<u>\$ 7 090</u>

AEROMEDICAL LABORATORY**Account Number 05-25-05**

1. John Hansen, 3681, Laboratory Operating Engineer.....	P	\$ 7 997
2. Nancy A. Pinna, 3682, Secretary — Transcribing.....	N	6 000
3. William Kadetz, 3680, Supervisor of Mechanical, Electrical, and Electronic Equipment.....	N	10 000
4. Irena Kairys, 7280, Electron Microscope Technician.....	N	6 100
5. Birute A. Pleskys, 8286, Electron Microscope Technician..	N	4 950
6. Bradley Anderson, Instrument and Measurement Technician I.....	N	4 650
<i>Total, Aeromedical Laboratory.....</i>		<u>\$39 697</u>

INSTITUTION FOR TUBERCULOSIS RESEARCH**Account Number 03-26-10**

1. Zylphia W. Bruder, 3695, Laboratory Assistant I.....	N56	\$ 2 130
2. Lucille Chramosta, 8123, Laboratory Assistant I.....	N	3 372
3. Brone Repeika, 7405, Laboratory Assistant I.....	N	3 456
4. Vita Baleisis, 3692, Laboratory Assistant II.....	N	3 900
5. Nijole R. Raisys, 7018, Laboratory Assistant III.....	N	4 512
6. James Teahan, 3694, Animal Caretaker I.....	ZN50	2 000
(Total Salary).....		(4 000)
7. Margaret G. Thorne, 3689, Clerk III.....	N40	2 000
8. Patricia Callahan, 5906, Clerk-Stenographer II.....	N47	2 010
9. James E. P. Libby, 3690, Statistician II.....	N	6 030
10. Wilma A. Spurrier, 8646, Microbiology Technologist.....	N	6 516
<i>Total, Institution for Tuberculosis Research.....</i>		<u>\$35 926</u>

Cooperative Investigations**TRUST — U.S. TASK ORDER 11****Account Number 55-90-20**

1. James Teahan, 3694, Animal Caretaker I.....	ZN50	\$ 2 000
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RESEARCH AND EDUCATIONAL HOSPITALS**Administration****Account Number 05-27-05**

1. Carl T. Heinze, 3696, Assistant Administrator of Research and Educational Hospitals.....	N	\$11 150
2. ———, Assistant Administrator of Research and Educational Hospitals (Trainee).....	N	6 000
3. Camille J. Derango, 8117, Cashier I.....	N	3 690
4. Mary V. Munizzo, 3705, Cashier II.....	N	4 920
5. Elisabeth Michael, 8325, Clerk III.....	N	4 230
6. Charlotte Newsome, 3703, Typing Clerk I.....	N	3 990
7. Anna J. George, 6389, Typing Clerk II.....	N	4 500
8. ———, 7728, Typing Clerk II.....	N	3 870
9. Claudette Michalec, 7375, Clerk-Stenographer III.....	N	5 430
10. Mertyann Rice, 7152, Clerk-Typist I.....	N	3 750
11. ———, 8206, Clerk-Typist I.....	N	3 600
12. Luella Hunter, 7886, Clerk-Typist II.....	N	4 290
13. Lila Mazzier, 6138, Clerk-Typist II.....	N	4 290
14. Dorothy D. Williams, 8860, Clerk-Typist II.....	N	4 080
15. ———, Clerk-Typist II.....	N	4 020
16. Esther Karl, 3704, Clerk-Typist III.....	N	5 400
17. Jean L. McShane, 3701, Clerk-Typist III.....	N	4 680
18. Cora E. Vanasek, 8822, Clerk-Typist III.....	N	4 980
19. Mary E. Keating, 3698, Secretary — Stenographic.....	N	7 050
20. Mary Ellen Maloney, 3350, Administrative Secretary — Stenographic.....	N	8 200
21. Daniel P. Conforti, 7824, Inventory Supervisor.....	N	5 700
22. Doris E. Dahl, 7268, Supervisor of Credit Collections.....	N	7 700
<i>Total, Administration.....</i>		<u>\$115 520</u>

Admissions**Account Number 05-27-10**

1. Josie Mitchell, 3948, Clerk II	N	\$ 4 140
2. Stella A. M. Fewer, 3732, Typing Clerk II	N	3 870
3. Michele A. Serenda, 3731, Clerk-Typist I	N	3 720
4. Florence Hamilton, 3733, Clerk-Typist III	N	4 350
5. Mary C. Berardi, 3724, Admitting Officer	N	4 080
(Perquisites University — one meal)		
6. Dolores M. Daily, 5759, Admitting Officer	N	4 410
7. Ida Damore, 3729, Admitting Officer	N	4 260
8. Ruth Enger, 3728, Admitting Officer	N	5 220
9. Marjorie Hennings, 6115, Admitting Officer	N	4 380
10. Jennie Karol, 8458, Admitting Officer	N	4 110
11. Florence Marken, 3726, Admitting Officer	N	4 170
12. Jane Mendoza, 6100, Admitting Officer	N	4 020
13. Catherine Redmond, 3725, Admitting Officer	N	4 290
14. Mary Saturnino, 3727, Admitting Officer	N	4 680
15. Simone J. Taylor, 8004, Admitting Officer	N	4 020
16. Ann P. Knipper, 3723, Chief Admitting Officer	N	6 300
<i>Total, Admissions</i>		<u>\$70 020</u>

Anesthesiology**Account Number 05-27-12**

1. Willa B. Chase, 8324, Laboratory Assistant I	N	\$ 3 420
2. Theodore R. London, 5590, Anesthesia-Inhalation Therapy Technician	N	5 130
3. Evander W. Maclin, 7053, Anesthesia-Inhalation Therapy Technician	N	5 520
<i>Total, Anesthesiology</i>		<u>\$14 070</u>

Central Supply**Account Number 05-27-15**

1. John Bettinardi, 3739, Laboratory Assistant III	N	\$ 5 232
2. Nettie Croom, 5043, Supply Attendant	N	3 996
3. Melvin L. Dardy, 5824, Supply Attendant	N	3 360
4. Helen Dickerson, 6917, Supply Attendant	N	3 540
5. Essie Mae Goss, 5760, Supply Attendant	N	3 900
6. Vera Green, 3743, Supply Attendant	N	3 708
7. Esther Jenkins, 5995, Supply Attendant	N	3 996
8. Beulah M. Jones, 5515, Supply Attendant	N	3 900
9. Grace M. Marcatante, 6234, Supply Attendant	N	3 996
10. Lola Marsh, 5810, Supply Attendant	N	3 996
11. Emma L. McClinton, 3742, Supply Attendant	N	3 996
12. Leota B. Minor, 6084, Supply Attendant	N	3 900
13. Eva L. Pass, 6858, Supply Attendant	N	3 540
14. Julia Sechter, 3744, Supply Attendant	N	3 996
15. Annie Thomas, 6710, Supply Attendant	N	3 624
16. ———, 5885, Supply Attendant	N	3 900
17. Thomas A. Murray, 6193, Stores Clerk	N	4 020
18. Mary Mitch, 3736, Head Nurse	N	6 336
(Perquisites University — one meal)		
19. Wanda M. Heinz, 3741, Staff Nurse	N	5 256
(Perquisites University — one meal)		
20. Iris Hill, 3735, Supervising Nurse	N	7 596
(Perquisites University — one meal)		
<i>Total, Central Supply</i>		<u>\$85 788</u>

Clinics**Account Number 05-27-20**

1. Linda L. Bickart, 3778, Clerk II	N	\$ 4 020
2. Linda L. Conrady, 6139, Clerk II	N	4 020
3. Pearlina Crosby, 3780, Clerk II	N	3 930
4. Elizabeth Menendez, 3779, Clerk II	N	3 870

5. Mildred Nicholas, 3786, Clerk II.....	N	4 440
6. Annie M. Rhodes, 3784, Clerk II.....	N	4 320
7. Joyce R. Saviano, 5560, Clerk II.....	N	3 720
8. Shirley Hellmuth, 3783, Typing Clerk I.....	N	3 480
9. Marie B. Bacon, 3782, Typing Clerk II.....	N	3 960
10. Annette Durkin, 3785, Typing Clerk II.....	N	3 900
11. Marlene Guglielmi, 6370, Typing Clerk II.....	N	3 720
12. Dolores A. Herskind, 6103, Typing Clerk II.....	N	3 900
13. Margaret R. Hurley, 8457, Typing Clerk II.....	N	3 900
14. Willie M. Marshall, 3781, Typing Clerk II.....	N	3 870
15. Catherine McTigue, 5702, Typing Clerk II.....	N	4 080
16. Mary Anne Sullivan, 3777, Typing Clerk II.....	N	3 750
17. Karen R. Hultmark, 3434, Clerk-Stenographer II.....	N	4 320
18. Marcia J. Kedroski, 6896, Clerk-Stenographer II.....	N	4 320
19. Florence T. Wichert, 3573, Clerk-Stenographer III.....	N	5 760
20. Malinda S. Beatty, 6369, Clerk-Typist II.....	N	4 200
21. Barbara Josephson, 6878, Clerk-Typist II.....	N	4 140
22. Rosemary Wolf, 3776, Clerk-Typist III.....	N	4 710
23. Ida M. Smith, 3746, Assistant Director of Nursing.....	N	8 000
(Perquisites University — one meal)		
24. ———, 5421, Associate Director of Nursing.....	N	8 286
(Perquisites University — one meal)		
25. Victoria Barry, 3763, Clinic Nurse.....	N	5 970
26. Frances Lehmann, 3759, Clinic Nurse.....	N	6 096
(Perquisites University — one meal)		
27. Clarice E. Marriott, 3765, Clinic Nurse.....	N	6 096
(Perquisites University — one meal)		
28. Jean McCallum, 3770, Clinic Nurse.....	N	5 796
(Perquisites University — one meal)		
29. Smilja Pokrajac, 3767, Clinic Nurse.....	N	6 096
(Perquisites University — one meal)		
30. Edith Ramsey, 3757, Clinic Nurse.....	N	6 096
(Perquisites University — one meal)		
31. Eva Ramsey, 3760, Clinic Nurse.....	N	6 096
(Perquisites University — one meal)		
32. Doris May Bauch, 3752, Staff Nurse.....	N	5 496
(Perquisites University — one meal)		
33. Gladys E. Block, 3751, Staff Nurse.....	N	5 496
(Perquisites University — one meal)		
34. Barbara Brewer, 3768, Staff Nurse.....	N	5 256
(Perquisites University — one meal)		
35. Annette Caracello, 3761, Staff Nurse.....	N	5 226
(Perquisites University — one meal)		
36. Rosemary Corrigan, 3762, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		
37. Joan A. Fiocca, 3773, Staff Nurse.....	N	5 226
(Perquisites University — one meal)		
38. Marian C. Frick, 3764, Staff Nurse.....	N	5 346
(Perquisites University — one meal)		
39. Betty J. Gray, 3792, Staff Nurse.....	N	5 166
(Perquisites University — one meal)		
40. Georgia M. Hairston, 3771, Staff Nurse.....	N	5 436
(Perquisites University — one meal)		
41. Jean A. Kasper, 3755, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		
42. Mary J. Lahey, 6087, Staff Nurse.....	N	4 836
(Perquisites University — one meal)		
43. Mary C. Mallon, 3748, Staff Nurse.....	N	5 496
(Perquisites University — one meal)		
44. Carrie H. Manley, 6871, Staff Nurse.....	N	5 466
(Perquisites University — one meal)		
45. Constance G. Mason, 7647, Staff Nurse.....	N	4 836
(Perquisites University — one meal)		
46. Antoinette Mazanec, 4191, Staff Nurse.....	N	5 496
(Perquisites University — one meal)		

47. Marilyn M. McDaniel, 3758, Staff Nurse.....	N	4 956
(Perquisites University — one meal)		
48. ———, 3772, Staff Nurse.....	N	3 966
(Perquisites University — one meal)		
49. Joyce A. Zarcone, 3756, Staff Nurse.....	N	5 166
(Perquisites University — one meal)		
50. Sandra L. Zelazny, 3769, Staff Nurse.....	N	5 166
(Perquisites University — one meal)		
51. Vera Dexheimer, 3749, Supervising Nurse.....	N	6 696
(Perquisites University — one meal)		
52. Mary Locicero, 3754, Supervising Nurse.....	N	6 966
(Perquisites University — one meal)		
53. Kathryn L. McGann, 3766, Supervising Nurse.....	N	7 170
54. Margaret M. Mayer, 3775, Secretary — Stenographic.....	N	6 300
55. Phyllis Cooper, 7871, Medical Typist.....	N	4 560
<i>Total, Clinics</i>		<u>\$278 618</u>

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE 3157C2

Account Number 55-65-47

1. Martha S. Parker, 6974, Staff Nurse.....	N	\$ 4 836
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Dietetics

Account Number 05-27-25

1. Charlie Perkins, 7439, Clerk II.....	N	4 080
2. Eva A. Hamilton, 3813, Typing Clerk I.....	N	3 930
3. Isobelle McKinnon, 3805, Clerk-Stenographer III.....	N	5 040
4. Helen M. Vecchio, 3806, Clerk-Typist I.....	N	4 020
5. Ann T. Gorman, 3797, Dietitian.....	N	6 630
(Perquisites University — two meals)		
6. Beata A. Link, 3798, Dietitian.....	N	5 880
(Perquisites University — two meals)		
7. June D. Tanck, 3795, Dietitian.....	N	5 820
(Perquisites Employee — room; University — two meals)		(420)
8. Mary Lou Van Dyke, 5997, Dietitian.....	N	6 150
(Perquisites University — two meals)		
9. Carmelita V. Werner, 6544, Dietitian.....	N	5 370
(Perquisites University — two meals)		
10. Edna White, 3802, Dietitian.....	N	5 106
(Perquisites University — two meals; Employee — one meal and room).....		(624)
11. Caryanne Whitmore, 3800, Dietitian.....	N	5 610
(Perquisites University — two meals)		
12. ———, 3809, Dietitian.....	N	4 920
(Perquisites University — two meals; Employee — room)		(420)
13. ———, 3808, Dietitian.....	N	6 030
(Perquisites University — two meals)		
14. ———, 3796, Dietitian.....	N	4 800
(Perquisites University — two meals; Employee — one meal and room).....		(624)
15. Bernita A. Youngs, 6239, Dietitian.....	N	6 060
(Perquisites University — one meal)		
16. Alpha Q. Stine, 3793, Director of Dietary Service.....	N	9 600
(Perquisites University — two meals)		
17. Mary C. Beckers, 7029, Assistant Director of Dietary Service.....	N	7 800
(Perquisites University — two meals)		
18. ———, 6322, Assistant Food Production Manager.....	N	5 100
(Perquisites University — two meals)		
19. Robert Wiley, 5780, Storekeeper.....	N	5 100
20. L. A. Crisologo, 5886, Food Service Supervisor.....	N	5 340
(Perquisites University — two meals)		
21. ———, 5761, Food Service Supervisor.....	N	4 080
(Perquisites University — two meals)		
<i>Total, Dietetics</i>		<u>\$116 466</u>

Emergency Service**Account Number 05-27-27**

1. Henry Mueller, 3707, Clerk III.	N	\$ 4 800
2. Velma L. Wilson, 8055, Typing Clerk I.	N	3 630
3. Avis Abbey, 6477, Typing Clerk II.	N	4 020
4. Clara O. Loesch, 6478, Head Nurse.	N	6 696
(Perquisites University — one meal)		
5. June M. Matasic, 3890, Head Nurse.	N	5 946
(Perquisites University — one meal)		
6. ———, 3893, Assistant Head Nurse.	N	5 466
(Perquisites University — one meal)		
7. Ella B. Delaney, 8046, Licensed Practical Nurse.	N	3 666
(Perquisites University — one meal)		
8. Helene Janson, 6228, Licensed Practical Nurse.	N	3 606
(Perquisites University — one meal; Employee — room)		(420)
9. Ethel H. Roberts, 6305, Licensed Practical Nurse.	N	4 170
10. Esther M. Eiskamp, 3894, Staff Nurse.	N	5 286
(Perquisites University — one meal)		
11. Jean C. Ricardi, 3892, Staff Nurse.	N	5 286
(Perquisites University — one meal)		
12. Beverly A. Schultz, 7252, Staff Nurse.	N	5 016
(Perquisites University — one meal)		
13. Noreta J. White, 3895, Staff Nurse.	N	5 370
<i>Total, Emergency Service.</i>		<u>\$62 958</u>

Laboratory**Account Number 05-27-30**

1. Hershel G. Baker, 3896, Hospital Laboratory Technical Assistant.	N	\$ 8 400
2. Rose Lee Bell, 7821, Laboratory Assistant I.	N	3 456
3. Esther Kern, 6865, Laboratory Assistant I.	N	3 624
4. Rosabelle Perry, 5075, Laboratory Assistant I.	N	3 804
5. Marion E. Slaughter, 7825, Laboratory Assistant I.	N	3 456
6. Ludmilla Asamat, Laboratory Assistant II.	N	4 512
7. Shirley A. Erwin, 7673, Laboratory Assistant II.	N	3 996
8. Lucille Hoff, 3919, Laboratory Assistant II.	N	4 512
9. Vivian A. Turner, 3930, Laboratory Assistant II.	N	4 188
10. Essie Lee Walton, 6237, Laboratory Assistant II.	N	3 996
11. ———, Laboratory Assistant II.	N	3 900
12. Maida M. Osaki, 5884, Chief Clerk.	N	6 270
13. Naomi Grosch, 6986, Clerk-Stenographer II.	N	4 620
14. Joe Ann Anglin, 6617, Clerk-Typist II.	N	4 080
15. James T. Zembron, 8014, Clerk-Typist III.	N	4 350
16. Anne C. Numoff, 3922, Secretary — Stenographic.	N	6 090
17. Maria Gashkoff, 3910, Biochemistry Technologist.	N	6 060
18. Fumi Ichiba, 5338, Biochemistry Technologist.	N	5 916
19. V. T. Jurkunas, 3908, Biochemistry Technologist.	N	6 204
20. Ethelle Katz, 6057, Biochemistry Technologist.	N	6 060
21. Jeanne F. Miller, 3898, Biochemistry Technologist.	N	6 840
22. Catherine Nobe, 3900, Biochemistry Technologist.	N	6 840
23. Lilla M. Perry, 3911, Biochemistry Technologist.	N	6 204
24. Agnes Shieh, 3901, Biochemistry Technologist.	N	5 772
25. Virginia C. Wilson, 3909, Biochemistry Technologist.	N	5 628
26. Louise V. Atkinson, 3932, Hematology Technologist.	N	5 628
27. Bonita G. Hanson, 6866, Hematology Technologist.	N	6 516
28. Dorothy Maastricht, 8471, Hematology Technologist.	N	5 628
29. Laverne J. Vetting, 3904, Hematology Technologist.	N	6 672
30. Monika M. Voss, 6394, Hematology Technologist.	N	5 496
31. Harold L. Williams, 7117, Hematology Technologist.	N	6 060
32. Augusta M. Wilson, 7818, Hematology Technologist.	N	5 772
33. Henry A. Woodson, Jr., 3928, Hematology Technologist.	N	6 516
34. Tomoko Yoshida, 9197, Hematology Technologist.	N	5 628
35. Wilma L. Benson, 6773, Medical Technologist I.	N	4 980
36. Leila R. Edwards, 3933, Medical Technologist I.	N	4 860

37. Wilhelmina Garner, 6262, Medical Technologist I.....	N	5 100
38. Mary A. Heflin, 3906, Medical Technologist I.....	N	5 100
39. Elvira A. Jeffries, 3916, Medical Technologist I.....	N	4 980
40. Gloria J. Jones, 3913, Medical Technologist I.....	N	5 232
41. Louise Kopoleff, 3914, Medical Technologist I.....	N	5 364
42. Hazel Livingston, 5161, Medical Technologist I.....	N	5 232
43. Aida Macabagdal, 3907, Medical Technologist I.....	N	4 740
44. Genelita Marigza, 3912, Medical Technologist I.....	N	4 980
45. Gene Modestas, 3923, Medical Technologist I (Trainee)....	N	4 296
46. Isabell C. Rossa, 7658, Medical Technologist I.....	N	4 860
47. Vincent E. Baginski, 3927, Chief Medical Technologist....	N	8 760
48. Thelma M. Garvin, 3915, Chief Medical Technologist.....	N	8 760
49. Mary P. Turner, 3899, Chief Medical Technologist.....	N	8 760
50. Aldona Avizienis, 3903, Microbiology Technologist.....	N	5 628
51. Elizabeth J. Bond, 3902, Microbiology Technologist.....	N	6 840
52. Mary V. Donahue, 3897, Microbiology Technologist.....	N	6 840
53. Shirley L. Fannin, 3917, Microbiology Technologist.....	N	5 628
54. Daiva Petkus, 8332, Microbiology Technologist.....	N	5 628
55. Robert A. Wiatr, 6056, Microbiology Technologist.....	N	5 916
<i>Total, Laboratory.....</i>		<u>\$305 178</u>

Blood Bank Revolving

Account Number 07-27-10

1. Alice B. Long, 7785, Clerk-Typist II.....	N	\$ 4 080
2. Helyn Omori, 8233, Hematology Technologist.....	N	6 672
<i>Total, Blood Bank Revolving.....</i>		<u>\$10 752</u>

Medical Records

Account Number 05-27-40

1. Louise Banks, 3965, Clerk I.....	N	\$ 3 420
2. Vertrezal S. Hood, 8345, Clerk I.....	N	3 420
3. Rosa Lancaster, 3953, Clerk I.....	N	3 420
4. Mamie Powell, 3955, Clerk I.....	N	3 480
5. Camille C. Conforti, 3959, Clerk II.....	N	3 780
6. Amy E. Greer, 3962, Clerk II.....	N	3 870
7. Shirley M. Lowery, 5636, Clerk II.....	N	4 230
8. Helen Cooper, 3947, Clerk III.....	N	5 160
9. Marian Florio, 3950, Clerk III.....	N	4 020
10. Grace E. Muzzall, 5905, Clerk III.....	N	4 320
11. Gloria D. Norman, 6331, Clerk III.....	N	5 400
12. Eulacie G. Rowan, 3964, Clerk III.....	N	4 530
13. Connie A. Meyer, 6127, Typing Clerk II.....	N	4 020
14. Hans Monaster, 3961, Typing Clerk III.....	N	4 860
15. Marilyn J. Schaefer, 5883, Clerk-Stenographer III.....	N	5 040
16. Dianne Koukol, 7085, Clerk-Typist I.....	N	3 720
17. Rita J. Neidhart, 3960, Clerk-Typist II.....	N	4 020
18. Patricia A. Richter, 6296, Clerk-Typist II.....	N	4 020
19. Gayanne E. Wilkin, 3949, Clerk-Typist II.....	N	4 020
20. Rita M. Finnegan, 3951, Medical Record Librarian.....	N	6 780
21. Jolene A. Nyberg, 6043, Medical Record Librarian.....	N	5 880
22. ———, 6961, Medical Record Librarian.....	N	5 100
23. ———, 7848, Medical Record Librarian.....	N	5 100
24. Dorothy V. Dunne, 3941, Chief Medical Record Librarian..	N	8 900
25. Glen O'Neil, 6151, Messenger.....	N	3 720
26. Lawrence Richmond, 6150, Messenger.....	N	4 200
27. Mildred M. Evans, 6463, Secretary — Transcribing.....	N	5 790
28. Lillie E. McElroy, 6724, Medical Typist.....	N	4 620
29. Roselyn D. McHugh, 7858, Medical Typist.....	N	4 260
30. Bertha V. Mitchell, 6725, Medical Typist.....	N	4 560
31. Celeste M. Powers, 6562, Medical Typist.....	N	4 320
32. Cora C. Williams, 7504, Medical Typist.....	N	4 500
<i>Total, Medical Records.....</i>		<u>\$146 480</u>

Medicine**Account Number 05-27-42**

1. _____, 8754, Laboratory Assistant II.....	N	\$ 3 900
2. Karen M. Lambson, 9432, Clerk-Stenographer II.....	N	4 320
3. Wanda Machnach, 6883, Pathotechnologist.....	N	5 916
4. _____, Pathotechnologist.....	N	5 700
5. Claudette C. Bishop, 5814, Electrocardiographic Technician I.....	N	3 750
6. Emma M. Liventals, 8224, Electrocardiographic Technician I.....	N	4 170
7. Olga Marland, 5742, Electrocardiographic Technician II..	N	5 640
<i>Total, Medicine.....</i>		<u>\$33 396</u>

Nursing**Illinois Eye and Ear Infirmary****Account Number 05-27-44**

1. Juanita Echols, 5186, Typing Clerk II.....	N	\$ 4 080
2. Barbara P. Mason, 6637, Typing Clerk II.....	N	3 900
3. Sally M. Stewart, 7419, Typing Clerk II.....	N	3 840
4. Mattie L. Williams, 8110, Typing Clerk II.....	N	3 840
5. Harriet B. Vrsac, 4269, Clerk-Stenographer III.....	N	6 000
6. Emma D. Condl, 4235, Assistant Director of Nursing.....	N	8 196
(Perquisites University — one meal)		
7. Caroline Stewart, 4234, Associate Director of Nursing.....	N	9 696
(Perquisites University — one meal)		
8. Sharon L. Antonucci, 4256, Head Nurse.....	N	5 736
(Perquisites University — one meal)		
9. Bessie Becka, 4237, Head Nurse.....	N	5 946
(Perquisites University — one meal)		
10. Dolores A. Ciaso, 4267, Head Nurse.....	N	5 856
(Perquisites University — one meal)		
11. Lois Fittin, 4238, Head Nurse.....	N	5 856
(Perquisites University — one meal)		
12. Helen S. Guarino, 4236, Head Nurse.....	N	6 150
13. Nancy Izzo, 6905, Head Nurse.....	N	6 720
14. Isabella Karalius, 4270, Head Nurse.....	N	5 826
(Perquisites University — one meal)		
15. Madge Lovik, 4268, Head Nurse.....	N	6 066
(Perquisites University — one meal)		
16. _____, 4265, Head Nurse.....	N	5 196
(Perquisites University — one meal)		
17. Freda H. Brown, 4250, Assistant Head Nurse.....	N	5 676
(Perquisites University — one meal)		
18. Emma E. Follmer, 4240, Assistant Head Nurse.....	N	5 646
(Perquisites University — one meal)		
19. Ruth Gunion, 4271, Assistant Head Nurse.....	N	5 436
(Perquisites University — one meal)		
20. Elvera H. Hanson, 4239, Assistant Head Nurse.....	N	5 466
(Perquisites University — one meal)		
21. Sophie Kratochvil, 4248, Assistant Head Nurse.....	N	6 096
(Perquisites University — one meal)		
22. Sallie Curtis, 6718, Licensed Practical Nurse.....	N	3 906
(Perquisites University — one meal)		
23. Thelma A. Jackson, 6713, Licensed Practical Nurse.....	N	3 966
(Perquisites University — one meal)		
24. Gloria C. Nails, 6740, Licensed Practical Nurse.....	N	3 966
(Perquisites University — one meal)		
25. Louise Ricks, 6739, Licensed Practical Nurse.....	N	3 966
(Perquisites University — one meal)		
26. Leatha M. Robinson, 6714, Licensed Practical Nurse.....	N	4 110
27. Barbara A. Batka, 4260, Staff Nurse.....	N	5 256
(Perquisites University — one meal)		
28. Helen Blaut, 4254, Staff Nurse.....	N	5 496
(Perquisites University — one meal)		

29. Coletta M. Burke, 4258, Staff Nurse.....	N	4 716
(Perquisites University — one meal)		
30. Theresa J. Burke, 4244, Staff Nurse.....	N	5 256
(Perquisites University — one meal)		
31. Elda D. Del Missier, 4259, Staff Nurse.....	N	5 166
(Perquisites University — one meal)		
32. Marian D. Hopley, 4241, Staff Nurse.....	N	5 286
(Perquisites University — one meal)		
33. Ada M. Johnson, 4251, Staff Nurse.....	N	5 460
34. Irene T. Kozicki, 4272, Staff Nurse.....	N	4 956
(Perquisites University — one meal)		
35. Patricia McCarthy, 4245, Staff Nurse.....	N	5 076
(Perquisites University — one meal)		
36. Rita C. Wagner, 4253, Staff Nurse.....	N	5 076
(Perquisites University — one meal)		
37. ———, 4243, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		
38. ———, 4261, Staff Nurse.....	N	4 926
(Perquisites University — one meal)		
39. ———, 4252, Staff Nurse.....	N	5 286
(Perquisites University — one meal)		
40. ———, 4257, Staff Nurse.....	N	4 716
(Perquisites University — one meal)		
41. Doris M. Hundebly, 4255, Supervising Nurse.....	N	6 696
(Perquisites University — one meal)		
42. Elizabeth H. Nash, 4263, Supervising Nurse.....	N	6 606
(Perquisites University — one meal)		
43. Bessie G. Reyher, 4247, Supervising Nurse.....	N	6 396
(Perquisites University — one meal)		
Total, Nursing — Illinois Eye and Ear Infirmary.....		\$232 524

General

Account Number 05-27-45

1. Grace Calmer, 3973, Assistant to Director of Nursing.....	N	\$ 7 356
(Perquisites University — one meal)		
2. Ellen E. Finnigan, 3970, Assistant to Director of Nursing..	N	8 100
3. Juanita Hamilton, 3971, Assistant to Director of Nursing..	N	7 296
(Perquisites University — one meal; Employee — room)		(420)
4. Frances B. Kubilski, 3974, Assistant to Director of Nursing	N	7 356
(Perquisites University — one meal)		
5. Clara J. Longbons, 5915, Assistant to Director of Nursing..	N	7 416
(Perquisites University — one meal)		
6. ———, 3972, Assistant to Director of Nursing.....	N	6 656
(Perquisites University — one meal)		
7. Wanda M. Zumpano, 4121, Assistant to Director of Nursing	N	7 416
(Perquisites University — one meal)		
8. Jack Kobage, 4924, Clerk II.....	N	3 870
9. Shelby F. Jones, 4097, Clerk III.....	N	5 220
10. Edna C. Kelleher, 3712, Clerk III.....	N	4 200
11. Dorothy C. Neary, 3709, Clerk III.....	N	4 200
12. Herbert A. Repp, 4966, Clerk III.....	N	4 170
13. Olga Swistek, 4967, Clerk III.....	N	4 560
14. Anna Ware, 4096, Clerk III.....	N	4 620
15. Veronica Kavanagh, 3706, Chief Clerk.....	N	5 730
16. Willie C. Williams, 9312, Stores Clerk.....	N	4 200
17. Shirley Ann Cade, 9266, Typing Clerk I.....	N	3 420
18. Audrey M. Coulter, 5803, Typing Clerk I.....	N	3 570
19. Addie Dunlap, 7965, Typing Clerk I.....	N	3 570
20. Sharon B. Furlong, 6347, Typing Clerk I.....	N	3 420
21. Charlotte M. Kye, 4094, Typing Clerk I.....	N	3 540
22. Delores Miller, 6821, Typing Clerk I.....	N	3 450
23. Opal L. Scott, 4230, Typing Clerk I.....	N	3 390
24. Sandra J. Sutton, 6881, Typing Clerk I.....	N	3 390
25. Lurlean Tiller, 6295, Typing Clerk I.....	N	3 480

26. Maxine Washington, 4098, Typing Clerk I.....	N	3 390
27. Arlene Ferguson, 4095, Typing Clerk II.....	N	3 840
28. Catherine M. Kovac, 6260, Typing Clerk II.....	N	4 740
29. Wilhelmina Morton, 4231, Typing Clerk II.....	N	3 810
30. Sara M. Perkins, 6752, Typing Clerk II.....	N	3 750
31. Della F. Stone, 5792, Typing Clerk II.....	N	3 810
32. Lucille Williams, 4233, Typing Clerk II.....	N	3 750
33. Lagreta C. Fields, 3976, Clerk-Stenographer III.....	N	5 040
34. Bertha Young, 7059, Clerk-Typist I.....	N	3 720
35. Ruthie M. Allen, 4099, Clerk-Typist II.....	N	3 990
36. Maria E. Kaluski, 4229, Clerk-Typist II.....	N	4 560
37. Elizabeth Morgan, 7502, Coordinator of Hospital Volunteer Services.....	N	5 352
(Perquisites University — one meal; Employee — one meal and room).....		(624)
38. Helen Bruck, 4120, Assistant Director of Nursing.....	N	7 896
(Perquisites University — one meal)		
39. Elizabeth Furnas, 3969, Assistant Director of Nursing.....	N	8 196
(Perquisites University — one meal)		
40. Antoinette Radek, 3968, Assistant Director of Nursing.....	N	8 190
41. Ruth M. Carroll, 3967, Associate Director of Nursing.....	N	9 696
(Perquisites University — one meal)		
42. Lee S. Ross, 7356, Messenger.....	N	4 170
43. Suzanne C. Burke, 6768, Head Nurse.....	N	6 216
(Perquisites University — one meal)		
44. Monica Cavanaugh, 3988, Head Nurse.....	N	6 576
(Perquisites University — one meal)		
45. Patricia Cipriani, 5974, Head Nurse.....	N	6 066
(Perquisites University — one meal)		
46. Violet Conforti, 3986, Head Nurse.....	N	6 516
(Perquisites University — one meal)		
47. Sophia Dobrychlop, 3993, Head Nurse.....	N	6 336
(Perquisites University — one meal)		
48. Evelyn M. Feru, 4000, Head Nurse.....	N	6 516
(Perquisites University — one meal)		
49. Edna Glover, 4127, Head Nurse.....	N	6 210
50. Christene W. Hill, 3995, Head Nurse.....	N	6 006
(Perquisites University — one meal)		
51. Bernice Houston, 3994, Head Nurse.....	N	6 036
(Perquisites University — one meal)		
52. Hilary C. Johnson, 3985, Head Nurse.....	N	6 576
(Perquisites University — one meal)		
53. Catherine Kolitsch, 3991, Head Nurse.....	N	6 696
(Perquisites University — one meal)		
54. Mary S. Morrison, 4123, Head Nurse.....	N	6 300
(Perquisites University — one meal)		
55. Kathryn E. Parker, 4100, Head Nurse.....	N	5 268
(Perquisites University — one meal; Employee — two meals and room).....		(828)
56. Nellie J. Person, 3996, Head Nurse.....	N	6 276
(Perquisites University — one meal)		
57. Eleanor R. Purdy, 6593, Head Nurse.....	N	5 916
(Perquisites University — one meal)		
58. Barbara M. Rhymes, 4125, Head Nurse.....	N	6 066
(Perquisites University — one meal)		
59. Gloria B. Ribnek, 4124, Head Nurse.....	N	6 036
(Perquisites University — one meal)		
60. Carolyn A. Schmitz, 3987, Head Nurse.....	N	6 156
(Perquisites University — one meal)		
61. Marcella Sharkey, 6532, Head Nurse.....	N	5 946
(Perquisites University — one meal)		
62. Margaret K. Thomas, 3990, Head Nurse.....	N	5 868
(Perquisites University — one meal; Employee — two meals and room).....		(828)

63. _____, 5849, Head Nurse.....	N	5 430
(Perquisites University — one meal)		
64. _____, 3992, Head Nurse.....	N	5 616
(Perquisites University — one meal)		
65. Sarah P. Drayer, 4128, Assistant Head Nurse.....	N	5 466
(Perquisites University — one meal)		
66. Michaeline A. Drust, 4113, Assistant Head Nurse.....	N	5 526
(Perquisites University — one meal)		
67. Mary Lena Fite, 4131, Assistant Head Nurse.....	N	5 646
(Perquisites University — one meal)		
68. Rosalie Galanis, 4051, Assistant Head Nurse.....	N	6 096
(Perquisites University — one meal)		
69. Veronique Grenier, 4093, Assistant Head Nurse.....	N	5 910
70. Janet L. Gustafson, 4037, Assistant Head Nurse.....	N	5 406
(Perquisites University — one meal)		
71. Suzanne F. LaCroix, 3989, Assistant Head Nurse.....	N	5 406
(Perquisites University — one meal)		
72. Kathleen McNerney, 3998, Assistant Head Nurse.....	N	5 526
(Perquisites University — one meal)		
73. Marie Mueller, 4130, Assistant Head Nurse.....	N	4 968
(Perquisites University — one meal; Employee — two meals and room).....		(828)
74. Patricia Stampfer, 3999, Assistant Head Nurse.....	N	5 256
(Perquisites University — one meal)		
75. Sarah Lee Tillman, 4003, Assistant Head Nurse.....	N	5 736
(Perquisites University — one meal)		
76. Bonita C. Wagner, 4023, Assistant Head Nurse.....	N	5 466
(Perquisites University — one meal)		
77. Mallie L. Williams, 4002, Assistant Head Nurse.....	N	5 586
(Perquisites University — one meal)		
78. _____, 6631, Assistant Head Nurse.....	N	5 316
(Perquisites University — one meal)		
79. _____, 4001, Assistant Head Nurse.....	N	5 406
(Perquisites University — one meal)		
80. _____, 4129, Assistant Head Nurse.....	N	5 435
(Perquisites University — one meal)		
81. Barbara A. Zeiler, 4132, Assistant Head Nurse.....	N	5 706
(Perquisites University — one meal)		
82. Lizzie L. Allen, 6355, Licensed Practical Nurse.....	N	3 600
83. B. D. Bankhead, 6442, Licensed Practical Nurse.....	N	3 966
(Perquisites University — one meal)		
84. Adele I. Brown, 4204, Licensed Practical Nurse.....	N	4 026
(Perquisites University — one meal)		
85. Willie P. Chandler, 7811, Licensed Practical Nurse.....	N	3 600
(Perquisites University — one meal)		
86. Susie B. Collins, 7836, Licensed Practical Nurse.....	N	3 930
87. Mae E. Cook, 6366, Licensed Practical Nurse.....	N	3 966
(Perquisites University — one meal)		
88. Mary A. Cummings, 7594, Licensed Practical Nurse.....	N	3 420
(Perquisites University — one meal)		
89. Savannah J. Daniels, 4198, Licensed Practical Nurse.....	N	3 600
(Perquisites University — one meal)		
90. Zora E. Davis, 6356, Licensed Practical Nurse.....	N	3 876
(Perquisites University — one meal)		
91. Anna L. Deck, 6342, Licensed Practical Nurse.....	N	3 906
(Perquisites University — one meal)		
92. Lillie F. Dotson, 7810, Licensed Practical Nurse.....	N	3 726
(Perquisites University — one meal)		
93. Rose M. Dunbar, 5949, Licensed Practical Nurse.....	N	3 930
94. Laura J. Ellis, 6120, Licensed Practical Nurse.....	N	3 930
95. Climetine Freeman, 6215, Licensed Practical Nurse.....	N	4 170
96. Eva M. Fulghum, 6717, Licensed Practical Nurse.....	N	3 906
(Perquisites University — one meal)		

97. Rosa Y. Gaines, 6353, Licensed Practical Nurse..... N	4 026
(Perquisites University — one meal)	
98. Lorraine Gardner, 4102, Licensed Practical Nurse..... N	3 396
(Perquisites University — one meal)	
99. Juanita Gause, 6381, Licensed Practical Nurse..... N	3 216
(Perquisites University — one meal)	
100. Velma Gross, 6337, Licensed Practical Nurse..... N	3 600
(Perquisites University — one meal)	
101. Elisa Hackett, 5975, Licensed Practical Nurse..... N	3 906
(Perquisites University — one meal)	
102. Gracie L. Harper, 6338, Licensed Practical Nurse..... N	3 600
(Perquisites University — one meal)	
103. Sabina Hawkins, 6327, Licensed Practical Nurse..... N	3 906
(Perquisites University — one meal)	
104. Viola Henderson, 5941, Licensed Practical Nurse..... N	4 134
105. Dorothy D. Hill, 6226, Licensed Practical Nurse..... N	4 170
106. Shirley A. Johnson, 6211, Licensed Practical Nurse..... N	3 966
(Perquisites University — one meal)	
107. Fannie Mae Jones, 6382, Licensed Practical Nurse..... N	4 170
108. Maxine J. Jones, 6253, Licensed Practical Nurse..... N	4 026
(Perquisites University — one meal)	
109. Annie M. Joyner, 6272, Licensed Practical Nurse..... N	3 966
(Perquisites University — one meal)	
110. Dorothy Kellogg, 5889, Licensed Practical Nurse..... N	3 702
(Perquisites University — one meal)	
111. Marjorie Kimbrough, 5950, Licensed Practical Nurse..... N	3 216
(Perquisites University — one meal)	
112. Mary L. Littlefield, 6273, Licensed Practical Nurse..... N	3 216
(Perquisites University — one meal)	
113. Theresa C. Litvjak, 4197, Licensed Practical Nurse..... N	4 086
(Perquisites University — one meal)	
114. Willie D. Lowe, 4201, Licensed Practical Nurse..... N	3 966
(Perquisites University — one meal)	
115. Johnetta Mabry, 6270, Licensed Practical Nurse..... N	3 666
(Perquisites University — one meal)	
116. Clara McClure, 4200, Licensed Practical Nurse..... N	3 966
(Perquisites University — one meal)	
117. Betty C. McGhee, 6340, Licensed Practical Nurse..... N	3 966
(Perquisites University — one meal)	
118. Marie E. Meely, 7232, Licensed Practical Nurse..... N	3 906
(Perquisites University — one meal)	
119. Arcora Miggins, 6341, Licensed Practical Nurse..... N	3 906
(Perquisites University — one meal)	
120. Irene Murphy, 4104, Licensed Practical Nurse..... N	3 966
(Perquisites University — one meal)	
121. Effie Nevers, 6365, Licensed Practical Nurse..... N	3 600
(Perquisites University — one meal)	
122. Vernice Paige, 7592, Licensed Practical Nurse..... N	3 906
(Perquisites University — one meal)	
123. Dolores M. Pelt, 4103, Licensed Practical Nurse..... N	3 966
(Perquisites University — one meal)	
124. Julia M. Phillips, 6542, Licensed Practical Nurse..... N	4 170
125. Lucy Powell, 6461, Licensed Practical Nurse..... N	4 230
126. Cora L. Pruitt, 6396, Licensed Practical Nurse..... N	4 110
127. Laura A. Randolph, 9116, Licensed Practical Nurse..... N	3 336
(Perquisites University — one meal)	
128. Mary A. Rangel, 6441, Licensed Practical Nurse..... N	3 906
(Perquisites University — one meal)	
129. Isabella H. Redd, 6155, Licensed Practical Nurse..... N	3 906
(Perquisites University — one meal)	
130. Zandra B. Reddick, 6488, Licensed Practical Nurse..... N	3 966
(Perquisites University — one meal)	
131. Lena Reed, 5938, Licensed Practical Nurse..... N	3 600
(Perquisites University — one meal)	

132. Emma L. Richardson, 9117, Licensed Practical Nurse.....	N	3 396
(Perquisites University — one meal)		
133. Julie F. Roberts, 6397, Licensed Practical Nurse.....	N	3 600
(Perquisites University — one meal)		
134. Marie E. Shultz, 5939, Licensed Practical Nurse.....	N	3 726
(Perquisites University — one meal)		
135. Eleanor D. Sims, 4040, Licensed Practical Nurse.....	N	3 600
(Perquisites University — one meal)		
136. Zelma F. Sims, 6153, Licensed Practical Nurse.....	N	4 026
(Perquisites University — one meal)		
137. Annie C. Smith, 6233, Licensed Practical Nurse.....	N	4 230
138. Mae Smith, 6339, Licensed Practical Nurse.....	N	3 930
139. Margaret Smith, 6715, Licensed Practical Nurse.....	N	3 726
(Perquisites University — one meal)		
140. Vivian Smith, 5947, Licensed Practical Nurse.....	N	3 966
(Perquisites University — one meal)		
141. Gwendolyn Stewart, 5940, Licensed Practical Nurse.....	N	3 336
(Perquisites University — one meal)		
142. Jeanette Stewart, 6357, Licensed Practical Nurse.....	N	3 906
(Perquisites University — one meal)		
143. Elaine M. Tang, 8251, Licensed Practical Nurse.....	N	3 600
144. Bernice Tripp, 4202, Licensed Practical Nurse.....	N	3 966
(Perquisites University — one meal)		
145. Grace Y. Walker, 6271, Licensed Practical Nurse.....	N	3 336
(Perquisites University — one meal)		
146. Willie J. Walker, 6354, Licensed Practical Nurse.....	N	4 026
(Perquisites University — one meal)		
147. Lillian Waller, 4203, Licensed Practical Nurse.....	N	3 906
(Perquisites University — one meal)		
148. Lerline Webb, 9263, Licensed Practical Nurse.....	N	3 396
(Perquisites University — one meal)		
149. Antoine White, 4199, Licensed Practical Nurse.....	N	3 600
(Perquisites University — one meal)		
150. Helen E. Williams, 6352, Licensed Practical Nurse.....	N	3 966
(Perquisites University — one meal)		
151. Julia Williams, 6380, Licensed Practical Nurse.....	N	3 906
152. Dorothy J. Wilson, 5948, Licensed Practical Nurse.....	N	3 780
(Perquisites University — one meal)		
153. Janette R. Wysinger, 6566, Licensed Practical Nurse.....	N	3 726
(Perquisites University — one meal)		
154. ———, 6154, Licensed Practical Nurse.....	N	3 846
(Perquisites University — one meal)		
155. ———, 4119, Licensed Practical Nurse.....	N	3 810
156. ———, 6227, Licensed Practical Nurse.....	N	4 230
157. ———, 6379, Licensed Practical Nurse.....	N	3 810
158. ———, 6367, Licensed Practical Nurse.....	N	4 050
159. Barbara Alexander, 4147, Staff Nurse.....	N	5 040
160. Sylvia J. Anderson, 4007, Staff Nurse.....	N	4 836
(Perquisites University — one meal)		
161. Mary E. Annoni, 6264, Staff Nurse.....	N	5 256
(Perquisites University — one meal)		
162. Carroll G. Barron, 4044, Staff Nurse.....	N	4 836
(Perquisites University — one meal)		
163. Lois A. Barton, 4079, Staff Nurse.....	N	5 256
(Perquisites University — one meal)		
164. Florence Billings, 4117, Staff Nurse.....	N	4 956
(Perquisites University — one meal)		
165. Brenda A. Boulee, 4058, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		
166. Betty J. Brown, 4034, Staff Nurse.....	N	4 836
(Perquisites University — one meal)		
167. Mary C. Callahan, 4183, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		

168. Katherine Coleman, 4039, Staff Nurse.....	N	5 286
(Perquisites University — one meal)		
169. Mary Ann Crocker, 4073, Staff Nurse.....	N	5 160
170. Patricia L. Daley, 4059, Staff Nurse.....	N	4 716
(Perquisites University — one meal)		
171. Marie Davis, 4027, Staff Nurse.....	N	5 046
(Perquisites University — one meal)		
172. Nancy L. Dean, 4193, Staff Nurse.....	N	3 888
(Perquisites University — one meal; Employee — two meals and room).....		(828)
173. B. M. Dugopolski, 4194, Staff Nurse.....	N	4 836
(Perquisites University — one meal)		
174. Crisanta Dumlao, 4035, Staff Nurse.....	N	5 496
(Perquisites University — one meal)		
175. Geraldine Ewing, 4114, Staff Nurse.....	N	4 956
(Perquisites University — one meal)		
176. Alice T. Gembara, 4068, Staff Nurse.....	N	5 076
(Perquisites University — one meal)		
177. Theresa C. Gogol, 4008, Staff Nurse.....	N	4 836
(Perquisites University — one meal)		
178. Naomi M. Grandpre, 4192, Staff Nurse.....	N	4 836
(Perquisites University — one meal)		
179. Margaret E. Halpin, 4070, Staff Nurse.....	N	5 076
(Perquisites University — one meal; Employee — room)		(420)
180. Suzanne E. Holland, 4015, Staff Nurse.....	N	4 836
(Perquisites University — one meal)		
181. Karen F. Hoover, 4048, Staff Nurse.....	N	5 490
182. Helen P. Hronec, 4092, Staff Nurse.....	N	4 416
(Perquisites University — one meal; Employee — room)		(420)
183. Patricia B. Hurt, 4028, Staff Nurse.....	N	5 076
(Perquisites University — one meal)		
184. Shirley J. James, 4014, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		
185. Dolores J. Jurina, 4195, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		
186. Barbara Jurkovich, 4031, Staff Nurse.....	N	4 668
(Perquisites University — one meal; Employee — two meals and room).....		(828)
187. Elizabeth A. Kenan, 6545, Staff Nurse.....	N	5 166
(Perquisites University — one meal)		
188. Patricia J. Keyes, 4011, Staff Nurse.....	N	5 256
(Perquisites University — one meal)		
189. Carolyn Kikkawa, 4184, Staff Nurse.....	N	5 256
(Perquisites University — one meal)		
190. Katherine Knox, 4064, Staff Nurse.....	N	4 836
(Perquisites University — one meal)		
191. Joan M. Koch, 7319, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		
192. Joan C. Krol, 4062, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		
193. Eula Lockhart, 4038, Staff Nurse.....	N	5 286
(Perquisites University — one meal)		
194. Betty M. Martin, 4055, Staff Nurse.....	N	5 076
(Perquisites University — one meal)		
195. Janice G. Masters, 4144, Staff Nurse.....	N	4 956
(Perquisites University — one meal)		
196. Marilyn J. Minton, 6493, Staff Nurse.....	N	3 888
(Perquisites University — one meal; Employee — two meals and room).....		(828)
197. Barbara P. Moore, 4086, Staff Nurse.....	N	5 076
(Perquisites University — one meal)		
198. Barbara A. Mulcahy, 3997, Staff Nurse.....	N	4 836
(Perquisites University — one meal)		

199.	Anita R. Nieves, 4141, Staff Nurse.....	N	4 872
	(Perquisites University — one meal; Employee — one meal and room).....		(624)
200.	Marianne Osborn, 4082, Staff Nurse.....	N	5 256
	(Perquisites University — one meal)		
201.	Wilma J. Patton, 4049, Staff Nurse.....	N	4 836
	(Perquisites University — one meal)		
202.	Ima Paulson, 4190, Staff Nurse.....	N	5 496
	(Perquisites University — one meal)		
203.	Helen L. Rooney, 4146, Staff Nurse.....	N	4 920
204.	Essie L. Rowser, 4149, Staff Nurse.....	N	5 256
	(Perquisites University — one meal)		
205.	Mary Ann Runda, 4072, Staff Nurse.....	N	4 008
	(Perquisites University — one meal; Employee — two meals and room).....		(828)
206.	Donna R. Sell, Staff Nurse.....	N	5 286
	(Perquisites University — one meal)		
207.	Beverly Schiffman, 4020, Staff Nurse.....	N	4 716
	(Perquisites University — one meal)		
208.	Dianne Schweigert, 4047, Staff Nurse.....	N	5 220
209.	_____, 4026, Staff Nurse.....		.....
	(Perquisites University — one meal)		
210.	Rose Marie Simone, 4013, Staff Nurse.....	N	5 076
	(Perquisites University — one meal)		
211.	Carolyn T. Skidmore, 4139, Staff Nurse.....	N	5 256
	(Perquisites University — one meal)		
212.	Carol A. Skolek, 4065, Staff Nurse.....	N	5 016
	(Perquisites University — one meal)		
213.	Doretha B. Stewart, 4187, Staff Nurse.....	N	5 670
214.	Christie L. Strong, 4077, Staff Nurse.....	N	5 040
215.	Dorothy Turkiewicz, 4005, Staff Nurse.....	N	5 496
	(Perquisites University — one meal)		
216.	Sharon J. Weidman, 4019, Staff Nurse.....	N	5 076
	(Perquisites University — one meal)		
217.	Mary Kay Welsh, 4118, Staff Nurse.....	N	4 716
	(Perquisites University — one meal)		
218.	Renetta A. Wicher, 4016, Staff Nurse.....	N	5 166
	(Perquisites University — one meal)		
219.	Carol E. Wikell, 4060, Staff Nurse.....	N	4 836
	(Perquisites University — one meal)		
220.	Julia L. Wilkerson, 4033, Staff Nurse.....	N	5 496
	(Perquisites University — one meal)		
221.	Nancy Wojnarowski, 4029, Staff Nurse.....	N	5 016
	(Perquisites University — one meal)		
222.	_____, 4074, Staff Nurse.....	N	4 596
	(Perquisites University — one meal)		
223.	_____, 4091, Staff Nurse.....	N	4 746
	(Perquisites University — one meal)		
224.	_____, 4042, Staff Nurse.....	N	4 476
	(Perquisites University — one meal)		
225.	_____, 5850, Staff Nurse.....	N	4 008
	(Perquisites University — one meal; Employee — two meals and room).....		(828)
226.	_____, 4135, Staff Nurse.....	N	4 956
	(Perquisites University — one meal)		
227.	_____, 4186, Staff Nurse.....	N	5 016
	(Perquisites University — one meal)		
228.	_____, 4088, Staff Nurse.....	N	4 746
	(Perquisites University — one meal)		
229.	_____, 4022, Staff Nurse.....	N	3 648
	(Perquisites University — one meal; Employee — two meals and room).....		(828)
230.	_____, 4041, Staff Nurse.....	N	4 476
	(Perquisites University — one meal)		

1960

BOARD OF TRUSTEES

[June 20]

231. ———, 4140, Staff Nurse.....	N	5 250
232. ———, 4087, Staff Nurse.....	N	4 896
(Perquisites University — one meal)		
233. ———, 4025, Staff Nurse.....	N	5 286
(Perquisites University — one meal)		
234. ———, 7322, Staff Nurse.....	N	5 016
(Perquisites University — one meal)		
235. ———, 4071, Staff Nurse.....	N	3 768
(Perquisites University — one meal; Employee — two meals and room).....		
236. ———, 4050, Staff Nurse.....	N	(828) 4 746
(Perquisites University — one meal)		
237. ———, 4053, Staff Nurse.....	N	4 776
(Perquisites University — one meal)		
238. ———, 4024, Staff Nurse.....	N	4 776
(Perquisites University — one meal)		
239. ———, 4018, Staff Nurse.....	N	4 746
(Perquisites University — one meal)		
240. ———, 4057, Staff Nurse.....	N	4 836
(Perquisites University — one meal)		
241. ———, 5890, Staff Nurse.....	N	4 836
(Perquisites University — one meal)		
242. ———, 5920, Staff Nurse.....	N	4 716
(Perquisites University — one meal)		
243. ———, 4054, Staff Nurse.....	N	4 476
(Perquisites University — one meal)		
244. ———, 4185, Staff Nurse.....	N	5 250
245. ———, 4066, Staff Nurse.....	N	4 776
(Perquisites University — one meal)		
246. ———, 4006, Staff Nurse.....	N	4 980
247. Frances R. Zdunich, 4115, Staff Nurse.....	N	5 076
(Perquisites University — one meal)		
248. Eva Anna Begg, 3980, Supervising Nurse.....	N	7 800
249. Doris L. Bell, 3978, Supervising Nurse.....	N	6 576
(Perquisites University — one meal)		
250. Marion Fitch, 4101, Supervising Nurse.....	N	6 216
(Perquisites University — one meal)		
251. Frances M. Hoefling, 3977, Supervising Nurse.....	N	7 536
(Perquisites University — one meal)		
252. Angela M. Lonchar, 3981, Supervising Nurse.....	N	7 476
(Perquisites University — one meal)		
253. Helen I. Mack, 3979, Supervising Nurse.....	N	7 596
(Perquisites University — one meal)		
254. Ann Seday, 3984, Supervising Nurse.....	N	6 516
(Perquisites University — one meal)		
255. E. Wesseling, 4010, Supervising Nurse.....	N	6 516
(Perquisites University — one meal)		
256. ———, 3982, Supervising Nurse.....	N	6 288
(Perquisites University — one meal; Employee — two meals and room).....		
257. Agnes B. Angland, 3975, Secretary — Stenographic.....	N	(828) 5 680
Total, Nursing — General.....		\$1 235 508

Neuropsychiatric Institute

Account Number 05-27-46

1. Thora P. Dickof, 5286, Clerk II.....	N	\$ 3 900
2. Elodie Lane, 4393, Clerk II.....	N	3 780
3. Patricia E. Hickey, 4391, Typing Clerk I.....	N	3 540
4. Henrietta Meadows, 4392, Typing Clerk II.....	N	3 900
5. Marie J. Ferrill, 4394, Clerk-Typist II.....	N	4 020
6. Harriet A. White, 4366, Assistant Director of Nursing.....	N	7 656
(Perquisites University — one meal)		
7. Frances R. Mikulec, 4364, Associate Director of Nursing..	N	9 436
(Perquisites University — one meal)		

8. Ruth E. Flinn, 4376, Head Nurse.....	N	5 952
(Perquisites University — one meal; Employee — one meal).....		(204)
9. Marcella M. Jerome, 4377, Head Nurse.....	N	5 322
(Perquisites University — one meal; Employee one meal and room).....		(624)
10. Ruby B. Malek, 4372, Head Nurse.....	N	6 096
(Perquisites University — one meal).....		
11. Mary M. McGough, 4378, Head Nurse.....	N	5 646
(Perquisites University — one meal).....		
12. J. Niespodzani, 4373, Head Nurse.....	N	6 456
(Perquisites University — one meal).....		
13. Alice M. Yarmo, 4374, Head Nurse.....	N	5 736
(Perquisites University — one meal).....		
14. Ruth E. Pfeiffer, 4370, Assistant Head Nurse.....	N	5 226
(Perquisites University — one meal).....		
15. Dorothy B. Brown, 7876, Licensed Practical Nurse.....	N	3 726
(Perquisites University — one meal).....		
16. J. M. Christmas, Sr., 6439, Licensed Practical Nurse.....	N	3 804
17. Sadie Clark, 4932, Licensed Practical Nurse.....	N	4 170
18. Melissa O. Coleman, 6437, Licensed Practical Nurse.....	N	4 026
(Perquisites University — one meal).....		
19. Wilma P. Collins, 6440, Licensed Practical Nurse.....	N	3 966
(Perquisites University — one meal).....		
20. Maude J. Evans, 6859, Licensed Practical Nurse.....	N	3 804
21. Mary H. Falconer, 6712, Licensed Practical Nurse.....	N	4 170
22. Ruth M. Johnson, 4962, Licensed Practical Nurse.....	N	3 966
(Perquisites University — one meal).....		
23. Ollie Jones, 6487, Licensed Practical Nurse.....	N	4 230
24. Cleona Lenoir, 6653, Licensed Practical Nurse.....	N	4 026
(Perquisites University — one meal).....		
25. Erma E. Malone, 8253, Licensed Practical Nurse.....	N	3 726
(Perquisites University — one meal).....		
26. Loretta Morrison, 4941, Licensed Practical Nurse.....	N	4 230
27. Julia M. Nichols, 6438, Licensed Practical Nurse.....	N	4 026
(Perquisites University — one meal).....		
28. Hattie B. Oatis, 8252, Licensed Practical Nurse.....	N	3 336
(Perquisites University — one meal).....		
29. Armanda I. Page, 7228, Licensed Practical Nurse.....	N	3 906
(Perquisites University — one meal).....		
30. Lucinda Ross, 6632, Licensed Practical Nurse.....	N	3 804
31. Earlene B. Hatch, 4398, Staff Nurse.....	N	5 466
(Perquisites University — one meal).....		
32. Mae Louise Jackson, 4396, Staff Nurse.....	N	5 286
(Perquisites University — one meal).....		
33. Vallory G. Lathrop, 4371, Staff Nurse.....	N	4 956
(Perquisites University — one meal).....		
34. Beth A. Linkinhoker, 4137, Staff Nurse.....	N	4 092
(Perquisites University — one meal; Employee — one meal and room).....		(624)
35. Shirley Ann Moore, 4969, Staff Nurse.....	N	4 836
(Perquisites University — one meal).....		
36. Pierre G. Pierre, 4399, Staff Nurse.....	N	5 256
(Perquisites University — one meal).....		
37. Barbara A. Rulis, 4386, Staff Nurse.....	N	4 452
(Perquisites University — one meal; Employee — one meal and room).....		(624)
38. Marija Sadunaite, 4926, Staff Nurse.....	N	5 256
(Perquisites University — one meal).....		
39. Anna M. Shoemate, 7470, Staff Nurse.....	N	5 256
(Perquisites University — one meal).....		
40. Merija Skreitulis, 4406, Staff Nurse.....	N	4 956
(Perquisites University — one meal).....		
41. Irene Valin, 4387, Staff Nurse.....	N	5 076
(Perquisites University — one meal).....		

42. Marjorie R. White, 4383, Staff Nurse.....	N	4 332
(Perquisites University — one meal; Employee — one meal and room).....		(624)
43. ———, 4401, Staff Nurse.....	N	4 776
(Perquisites University — one meal)		
44. ———, 4388, Staff Nurse.....	N	3 912
(Perquisites University — one meal; Employee — one meal and room).....		(624)
45. ———, 4382, Staff Nurse.....	N	4 926
(Perquisites University — one meal)		
46. ———, 4380, Staff Nurse.....	N	4 476
(Perquisites University — one meal)		
47. ———, 4136, Staff Nurse.....	N	4 776
(Perquisites University — one meal)		
48. ———, 4138, Staff Nurse.....	N	5 046
(Perquisites University — one meal)		
49. ———, 4405, Staff Nurse.....	N	4 920
50. ———, 4395, Staff Nurse.....	N	4 716
(Perquisites University — one meal)		
51. ———, 4385, Staff Nurse.....	N	3 768
(Perquisites University — one meal; Employee — two meals and room).....		(828)
52. Velma I. Berry, 4400, Supervising Nurse.....	N	6 666
(Perquisites University — one meal)		
53. Kerstin I. Boberg, 4368, Supervising Nurse.....	N	7 320
54. Marguerite A. Dixon, 4369, Supervising Nurse.....	N	6 540
55. Vivian R. Munro, 4375, Supervising Nurse.....	N	7 086
(Perquisites University — one meal)		
56. ———, 4367, Supervising Nurse.....	N	6 846
(Perquisites University — one meal)		
57. Ruth H. Ashworth, 4390, Secretary — Stenographic.....	N	6 840
<i>Total, Nursing — Neuropsychiatric Institute.....</i>		<u>\$281 416</u>

Hospital Residence

Account Number 05-27-50

1. Irene L. Cooke, 4409, Matron.....	N	\$ 4 230
2. Margaret Craven, 4407, Matron.....	N	4 800
<i>Total, Hospital Residence.....</i>		<u>\$ 9 030</u>

Operating and Recovery Rooms

Account Number 05-27-55

1. Anna R. Williams, 4438, Typing Clerk I.....	N	\$ 3 390
2. Loretta Fangrat, 4416, Head Nurse.....	N	6 636
(Perquisites University — one meal)		
3. Laverne H. Kaleta, 4440, Head Nurse.....	N	6 096
(Perquisites University — one meal)		
4. Marion Murdoch, 5758, Head Nurse.....	N	6 006
(Perquisites University — one meal)		
5. Donna L. Murphy, 4415, Head Nurse.....	N	5 856
(Perquisites University — one meal)		
6. Lois V. Scaife, 4418, Head Nurse.....	N	5 736
(Perquisites University — one meal)		
7. Mary F. Twaler, 5991, Assistant Head Nurse.....	N	5 526
(Perquisites University — one meal)		
8. Pearlina E. Bailey, 7351, Licensed Practical Nurse.....	N	3 930
9. Delores J. Brooks, 5623, Licensed Practical Nurse.....	N	3 600
(Perquisites University — one meal)		
10. Louise Brooks, 6268, Licensed Practical Nurse.....	N	3 726
(Perquisites University — one meal)		
11. Helen Lawrence, 6728, Licensed Practical Nurse.....	N	3 966
(Perquisites University — one meal)		
12. Vernice V. Mitchell, 7911, Licensed Practical Nurse.....	N	3 930
13. ———, 4934, Licensed Practical Nurse.....	N	3 846
(Perquisites University — one meal)		

14. M. L. Berrettini, 4437, Staff Nurse.	N	5 466
(Perquisites University — one meal)		
15. Andrea J. Borg, 4422, Staff Nurse.	N	4 836
(Perquisites University — one meal)		
16. Ann M. Brannon, 4419, Staff Nurse.	N	5 496
(Perquisites University — one meal)		
17. Marjorie C. Brown, 4430, Staff Nurse.	N	4 836
(Perquisites University — one meal)		
18. Kathleen M. Burke, 4417, Staff Nurse.	N	5 016
(Perquisites University — one meal)		
19. Sandra Cairns, 4425, Staff Nurse.	N	4 836
(Perquisites University — one meal)		
20. Janice M. Cravens, 4142, Staff Nurse.	N	5 256
(Perquisites University — one meal)		
21. Linda L. Garcia, 7282, Staff Nurse.	N	4 836
(Perquisites University — one meal)		
22. Darilyne J. Helm, 8202, Staff Nurse.	N	4 212
(Perquisites University — one meal; Employee — one meal and room).		(624)
23. Dolores M. Kresge, 4429, Staff Nurse.	N	5 466
(Perquisites University — one meal)		
24. Patricia G. Murray, 4433, Staff Nurse.	N	5 406
(Perquisites University — one meal)		
25. Mary T. O'Brien, 4436, Staff Nurse.	N	5 016
(Perquisites University — one meal)		
26. Barbara C. Olson, 4420, Staff Nurse.	N	5 016
(Perquisites University — one meal)		
27. Elaine J. Salko, 4432, Staff Nurse.	N	4 716
(Perquisites University — one meal)		
28. Judith Schmisser, 4428, Staff Nurse.	N	4 716
(Perquisites University — one meal)		
29. Georgina M. Schutte, 4434, Staff Nurse.	N	5 076
(Perquisites University — one meal)		
30. Monica Simler, 4431, Staff Nurse.	N	5 286
(Perquisites University — one meal)		
31. Joann Weisenberger, 5021, Staff Nurse.	N	5 256
(Perquisites University — one meal)		
32. Alice Ann Wernsman, 4032, Staff Nurse.	N	5 286
(Perquisites University — one meal)		
33. Florence L. Witt, 4441, Staff Nurse.	N	5 016
(Perquisites University — one meal)		
34. ———, 4046, Staff Nurse.	N	4 716
(Perquisites University — one meal)		
35. ———, 4426, Staff Nurse.	N	4 746
(Perquisites University — one meal)		
36. ———, 4435, Staff Nurse.	N	5 046
(Perquisites University — one meal)		
37. Anna A. Norton, 4439, Supervising Nurse.	N	7 086
(Perquisites University — one meal)		
38. Betty Parkhurst, 4414, Supervising Nurse.	N	6 696
(Perquisites University — one meal)		
39. Willie Mae Hudson, 7279, Surgical Technician.	N	3 966
(Perquisites University — one meal)		
40. Jean A. Myers, 7276, Surgical Technician.	N	3 540
(Perquisites University — one meal)		
41. Delores Nolen, 7293, Surgical Technician.	N	3 696
(Perquisites University — one meal)		
42. Robert Palmer, 7292, Surgical Technician.	N	4 056
(Perquisites University — one meal)		
43. Artlis R. Smith, 8813, Surgical Technician.	N	2 916
(Perquisites University — one meal)		
44. Arturo Pizarro, 7273, Surgical Technician.	N	3 996
(Perquisites University — one meal)		
<i>Total, Operating and Recovery Rooms.</i>		<u>\$213 750</u>

Orthopaedic Brace Shop

Account Number 05-27-60

1. William P. Oliver, 4411, Bracemaker.....	N	\$ 5 232
2. Mary F. Izzo, 4412, Assistant Bracemaker.....	N	4 092
<i>Total, Orthopaedic Brace Shop.....</i>		<u>\$ 9 324</u>

Brace Shop Revolving

Account Number 07-27-05

1. _____, 4413, Bracemaker.....	N	\$ 4 512
<i>Total, Brace Shop Revolving.....</i>		<u>\$ 4 512</u>

Pathology

Account Number 05-27-65

1. V. C. Kozukauskas, 4443, Laboratory Assistant III.....	N	\$ 5 100
2. Victoria Kregzde, 4442, Laboratory Assistant III.....	N	5 100
3. Sylvia C. Schreiman, 4448, Clerk-Stenographer II.....	N	4 680
4. Jonas S. Ayers, 5647, Morgue Technician (Trainee).....	N	3 720
5. Elmer Walton, 4444, Morgue Technician.....	N	5 400
6. Sylvia W. Dorse, 8661, Histology Technologist.....	N	5 628
7. Jadvyga Maldeikis, 4449, Histology Technologist.....	N	5 628
8. Margaret Meredith, 6528, Histology Technologist.....	N	5 916
9. Stella Nanos, 7760, Histology Technologist.....	N	5 916
10. Helen E. Baker, 6879, Medical Typist.....	N	5 280
11. Helen Cochran, 4446, Medical Typist.....	N	4 800
12. S. A. Dearnbarger, 7377, Medical Typist.....	N	4 380
13. Darlene Grzadziel, 8071, Medical Typist.....	N	4 660
14. Gayle M. Horchler, 4447, Medical Typist (Trainee).....	N	4 230
<i>Total, Pathology.....</i>		<u>\$70 438</u>

Physical Medicine and Rehabilitation

Account Number 05-27-75

1. Frances C. Conlan, 4467, Physical Therapy Aide.....	N	\$ 4 350
2. Marcella Dowdell, 6633, Physical Therapy Aide.....	N	4 230
3. Richard W. Oczko, 4466, Physical Therapy Aide.....	N	3 600
4. Gerald Rickenbaugh, 5714, Physical Therapy Aide.....	N	3 750
5. Evelyn C. Smith, 6091, Physical Therapy Aide.....	N	4 710
6. Dorothy C. Larson, 5585, Clerk III.....	N	5 400
7. Elinor Wilson, 5891, Supervisor of Physical Therapy.....	N	6 300
8. June M. Schroeder, 4453, Chief Physical Therapist.....	N	8 400
9. Dorothy Barnhart, 4454, Assistant Chief Physical Therapist.....	N	7 200
10. Janet L. Bauch, 4455, Staff Physical Therapist.....	N	4 980
11. Julia Ann Dazen, 6216, Staff Physical Therapist.....	N	5 700
12. Catherine A. Mooney, 6540, Staff Physical Therapist.....	N	4 980
13. June M. Reddish, 4457, Staff Physical Therapist.....	N	5 940
14. Hedda Lee Solomon, 6918, Staff Physical Therapist.....	N	4 980
15. Sandra Swanke, 6568, Staff Physical Therapist.....	N	5 220
16. _____, 4468, Staff Physical Therapist.....	N	4 800
17. _____, 4470, Staff Physical Therapist.....	N	5 100
18. _____, 4461, Staff Physical Therapist.....	N	5 400
19. _____, Staff Physical Therapist.....	N	5 400
<i>Total, Physical Medicine and Rehabilitation.....</i>		<u>\$100 440</u>

Radiology

Account Number 05-27-80

1. Marie Fisher, 7140, Equipment Attendant.....	N	\$ 4 404
2. Barbara Hall, 4489, Clerk I.....	N	3 570
3. Josephine R. Smith, 4485, Clerk I.....	N	3 660
4. Harold J. Carey, 6445, Clerk II.....	N	4 320
5. Pauline Hummel, 4486, Clerk II.....	N	4 590
6. Carol L. Sydlowski, 4487, Clerk I.....	N	3 660
7. Mildred Evans, 4496, Clerk-Typist II.....	N	4 260
8. Berneice M. Horvath, 4483, Clerk-Typist II.....	N	3 900
9. Geraldine Gist, 4484, Clerk-Typist III.....	N	4 800
10. A. Irene Maples, 4476, Staff Nurse.....	N	5 400

11. Mabel H. Counelis, 5587, Pathotechnologist.....	N	5 916
12. Zivko Horvat, 6506, Darkroom Technician I.....	N	3 720
13. Rosa Lee Smith, 4492, Darkroom Technician I.....	N	3 900
14. Willie F. Furlow, 4481, Darkroom Technician II.....	N	4 660
15. Mildred Winesberry, 4482, Darkroom Technician II.....	N	4 410
16. Frances J. Ficek, 5325, Medical X-ray Technician I.....	N	4 620
17. Geraldine Havranek, 6407, Medical X-ray Technician I.....	N	4 860
18. Dan J. Litturi, 4490, Medical X-ray Technician I.....	N	4 440
19. William Randolph, 4491, Medical X-ray Technician I.....	N	4 200
20. Catherine Sanders, 5728, Medical X-ray Technician I.....	N	4 710
21. Charles W. Smith, 4474, Medical X-ray Technician I.....	N	4 680
22. Dorothy Mae Toney, 7928, Medical X-ray Technician I.....	N	4 440
23. Gloria D. Williams, 4478, Medical X-ray Technician I.....	N	4 320
24. Donald A. Yoder, 4479, Medical X-ray Technician I.....	N	4 650
25. ———, 4480, Medical X-ray Technician I.....	N	4 680
26. Veronica D. Demers, 4475, Medical X-ray Technician II.....	N	5 700
27. Robert A. Gaskin, 5893, Medical X-ray Technician II.....	N	5 460
28. Dolores Kyles, 5106, Medical X-ray Technician II.....	N	5 160
29. Samuel J. Martin, 6343, Medical X-ray Technician II.....	N	4 920
30. Lydia Naaf, 4477, Medical X-ray Technician II.....	N	6 540
31. Richard J. Graczyk, 4495, Chief Medical X-ray Technician	N	7 500
32. Dennis Rainsford, 5793, Medical Typist.....	N	5 040
<i>Total, Radiology.....</i>		<u>\$151 090</u>

Ophthalmology Revolving

Account Number 07-27-15

1. Mattie Carmichael, 6901, Clerk II.....	N	\$ 4 200
2. Lylas R. Egerter, 3459, Clerk III.....	N	5 010
3. Fay Saxon, 3460, Clerk III.....	N	5 190
4. ———, 3461, Optical Dispenser I.....	N	6 000
5. ———, Optical Dispenser I.....	N50	2 250
6. Herman Frank, 3457, Optical Dispenser II.....	N	7 770
<i>Total, Ophthalmology Revolving.....</i>		<u>\$30 420</u>

Stores — Sewing and Mending

Account Number 15-10-33

1. Frances M. Venchus, 3715, Seamstress.....	N	\$ 3 216
2. ———, 3716, Seamstress.....	N	3 216
3. Lillian McCaffrey, 3713, Sewing and Mending Supervisor..	N	6 090
<i>Total, Stores — Sewing and Mending.....</i>	N	<u>\$12 522</u>

LIBRARY

Account Number 05-33-05

1. ———, 4510, Library Clerk II.....	N	\$ 3 600
2. Elizabeth R. Browne, 4505, Library Clerk III.....	N	5 250
3. Mary W. McCray, 4508, Library Clerk III.....	N	4 770
4. Helen C. Ritter, 4504, Library Clerk III.....	N	5 250
5. Lachrishia Chaney, 4507, Typing Clerk I.....	N	3 540
6. Diana C. Gee, 9342, Typing Clerk I.....	N	3 420
7. Bonita Y. McCall, 7332, Typing Clerk I.....	N	4 020
8. Marcia G. Schmidt, 4506, Clerk-Typist II.....	N	4 290
<i>Total, Library.....</i>		<u>\$34 140</u>

PHYSICAL PLANT**Administration**

Account Number 05-36-02

1. Mary Ellen Nelson, 4902, Accountant II.....	N	\$ 7 800
2. Helen Duplantis, 4514, Accountant III.....	N	9 700
3. Lawrence A. Ruhnow, 4515, Assistant to Associate Director of Physical Plant.....	N	10 300
4. Rosa Mayer, 4523, Clerk III.....	N	4 440
5. Ella M. Warskow, 4522, Clerk III.....	N	4 380
6. ———, 4519, Clerk III.....	N80	4 200

7. Mitchell J. Markos, 4582, Administrative Clerk.....	N	7 200
8. L. D. Westerfors, 4901, Payroll Clerk II.....	N	4 530
9. Margaret Banks, 4518, Payroll Clerk III.....	N	5 490
10. Henrietta L. Hudson, 7086, Clerk-Stenographer III.....	N	4 800
11. Jill M. James, 4516, Clerk-Stenographer III.....	N	5 100
12. Eugene A. Mokolke, 5414, Estimator.....	N	9 600
13. Virgie L. Clopton, 5550, Bookkeeping Machine Operator II.....	N	4 980
14. Clara G. Niemiec, 4903, Bookkeeping Machine Operator II.....	N	4 800
15. ———, 4517, Bookkeeping Machine Operator II.....	N	4 260
16. Carolyn Y. Holloway, 6293, Secretary — Stenographic.....	N	5 160
17. Frank W. Houck, 5193, Superintendent of Buildings and Grounds.....	N	15 000
18. Clarence F. Schar, 4546, Superintendent of Fire Prevention and Safety.....	N	9 200
19. ———, 4513, Superintendent of Physical Plant.....	N	15 000
<i>Total, Administration.....</i>		<u>\$135 940</u>

Building Operation

Account Number 05-36-04

1. Mary Jo Cocagne, 4527, Clerk-Stenographer II.....	N	\$ 4 380
2. Helen Nottoli, 4532, Clerk-Typist III.....	N	4 380
3. William W. Moss, 4530, Superintendent of Operations.....	N	11 500
4. Frank X. Benjamin, 7697, Assistant Superintendent of Operations.....	N	8 600
5. John J. Fee, 4531, Assistant Superintendant of Operations.....	N	9 000
<i>Total, Building Operation.....</i>		<u>\$37 860</u>

Police and Watchmen

Account Number 05-36-06

1. John F. Albrecht, 5773, Supervisor of Security and Traffic.....	N	\$10 000
<i>Total, Police and Watchmen.....</i>		<u>\$10 000</u>

Building Maintenance

Account Number 05-36-08

1. Carol J. Demos, 6476, Typing Clerk II.....	N	\$ 3 900
2. J. E. Guglielmi, 4555, Typing Clerk III.....	N	4 380
3. Rhoda E. Peterson, 4524, Typing Clerk III.....	N	4 890
4. Kathleen A. Sawyer, 4526, Clerk-Typist I.....	N	3 840
5. William A. Brauer, 8389, Project Engineer.....	N	8 400
6. Leo J. Janas, 7399, Project Engineer.....	N	9 600
7. Eugene H. Stewart, 4552, Structural Engineer.....	N	11 300
8. James Lindsay, 4553, Routing Supervisor.....	N	8 400
9. George W. Hovland, 4554, Stores Supervisor.....	N	7 000
10. Andrew Poetzinger, 4557, Supervisor of Building Craftsmen.....	N	11 142
11. Albert H. Stroupe, 6772, Supervisor of Trades.....	N	11 434
<i>Total, Building Maintenance.....</i>		<u>\$84 286</u>

Grounds Maintenance

Account Number 05-36-60

1. Thomas J. Flynn, 5287, Operations Engineer.....	N	\$ 8 700
<i>Total, Grounds Maintenance.....</i>		<u>\$ 8 700</u>

Heat, Light, and Power

Account Number 05-36-65

1. Mary Cermak, 5184, Clerk-Typist III.....	N	\$ 4 320
2. Ruth Genis, 4571, Secretary — Stenographic.....	N	5 640
<i>Total, Heat, Light, and Power.....</i>		<u>\$ 9 960</u>

Architectural Engineering Service

Account Number 15-10-06

1. Jesse C. Caraway, 4575, Associate Architect.....	N	\$13 200
2. Elaine T. Kramer, 4556, Operations Clerk.....	N	4 500
3. Sharon M. Stech, 4589, Clerk-Stenographer II.....	N	4 500

4. Lucile E. Green, 4520, Clerk-Stenographer III.....	N	4 740
5. Ronald E. Feltgen, 7400, Architectural Draftsman II.....	N	8 900
6. Stanley J. Neeka, 9473, Architectural Draftsman II.....	N	8 200
7. George Venchuk, 4579, Architectural Draftsman II.....	N	8 600
8. ———, 4581, Architectural Draftsman II.....	N	9 200
9. Frank R. Dukes, 4567, Architectural Electrical Engineer..	N	9 900
10. Michael M. Ferenci, 4587, Architectural Electrical Engineer	N	9 400
11. Frank J. Vogt, 4566, Architectural Mechanical Engineer..	N	9 900
12. ———, 4577, Architectural Engineer.....	N	8 600
13. John W. Butler, 4578, Architectural Superintendent.....	N	9 000
14. Elric M. Polly, 4576, Architectural Superintendent.....	N	12 000
<i>Total, Architectural Engineering Service.....</i>		<u>\$120 640</u>

Laundry Revolving

Account Number 15-10-27

1. Rosine S. Bradford, 8596, Clerk I.....	N	\$ 3 300
2. John Stankowiak, 8463, Laundry Manager.....	N	8 600
<i>Total, Laundry Revolving.....</i>		<u>\$11 900</u>

Telephone Service

Account Number 15-10-45

1. Irene C. Smith, 4590, Chief Switchboard Operator.....	N	\$ 6 000
<i>Total, Telephone Service.....</i>		<u>\$ 6 000</u>

Auxiliary Enterprises**Chicago Illini Union Building Operation**

Account Number 15-15-15

1. Charleen Caldwell, 4600, Assistant to Manager of Illini Union.....	N	\$ 6 240
2. Janet L. Grossberg, 4602, Assistant to Social Director.....	N	4 740
3. ———, 4519, Clerk III.....	N10	457
4. Dolores R. Bogacz, 9021, Clerk-Stenographer II.....	N	4 410
<i>Total, Chicago Illini Union Building Operation.....</i>		<u>\$15 847</u>

Illini Union Food Service

Account Number 15-15-15

1. ———, 4519, Clerk III.....	N10	\$ 457
2. Rose F. Edwards, 4605, Food Production Manager.....	N	6 300
3. Margaret D. Johnson, 5813, Food Service Manager.....	ZN25	3 000
(Total Salary).....		(12 000)
4. Viola Walberg, 5531, Assistant Food Service Manager.....	ZN25	2 250
(Total Salary).....		(9 000)
5. Malinda Ludtka, 4607, Food Service Supervisor.....	N	5 280
<i>Total, Illini Union Food Service.....</i>		<u>\$17 287</u>

Steam Plant Service

Account Number 15-10-65

1. Leonard Burkhardt, 4570, Operations Clerk.....	N	\$ 5 150
2. Richard F. Pollowy, Operations Clerk.....	N	4 200
3. Umberto Cruciani, 5227, Instrument and Efficiency Engineer	N	7 800
4. ———, 4574, Power Plant Mechanical Engineer.....	N	8 250
5. Albert A. Anderson, 4565, Superintendent of Utilities.....	N	13 200
<i>Total, Steam Plant Service.....</i>		<u>\$38 600</u>

Trust — Housing Division Administration

Account Number 62-10-10

1. Mary M. Mahoney, 5618, Accountant I.....	N	\$ 6 420
2. Christine J. Pawlicki, 5432, Clerk-Stenographer II.....	N	4 320
3. Harriet McDaniel, 5775, Clerk-Typist II.....	N	4 350
4. Francis L. Cooke, 5580, Housing Maintenance Supervisor..	N	7 800
<i>Total, Trust — Housing Division Administration.....</i>		<u>\$22 890</u>

Trust — Student Residence Hall

Account Number 62-10-10

1. Stafford Kariotis, 3286, Purchasing Assistant III.....	ZN25	\$ 2 450
(Total Salary).....		(10 750)
2. Florence E. Sanborn, 6432, Food Production Manager....	N	6 500
3. Helen S. Cady, 6807, Assistant Food Production Manager..	N	5 670
(Perquisites University — two meals)		
4. Margaret D. Johnson, 5813, Food Service Manager.....	ZN40	4 800
(Total Salary).....		(12 000)
5. Viola Walberg, 5531, Assistant Food Service Manager....	ZN40	3 600
(Total Salary).....		(9 000)
6. Dora M. Breitzer, 5657, Food Service Supervisor.....	N	5 070
<i>Total, Trust — Student Residence Hall.....</i>		<u>\$28 090</u>

CHICAGO UNDERGRADUATE DIVISION**ADMINISTRATION AND GENERAL****Vice-President's Office**

Account Number 70-05-05

1. Barbara L. Childers, 8650, Clerk-Stenographer II.....	N	\$ 4 200
2. ———, 0556, Clerk-Stenographer III.....	N	4 200
3. Ruth Humpley, Secretary — Stenographic.....	N	5 100
4. Kathryn G. Canedy, 0555, Administrative Secretary — Stenographic.....	N	7 500
<i>Total, Vice-President's Office.....</i>		<u>\$21 000</u>

University Honors Programs

Account Number 70-05-05

1. Margaret Shanahan, Clerk-Stenographer III.....	N	\$ 5 250
<i>Total, University Honors Programs.....</i>		<u>\$ 5 250</u>

Safety Office

Account Number 70-05-05

1. ———, Clerk-Typist III.....	N	\$ 3 900
2. ———, Field Safety Officer.....	N	8 500
<i>Total, Safety Office.....</i>		<u>\$12 400</u>

Student Counseling Service

Account Number 70-05-10

1. Joanne C. Perry, 6030, Personnel Assistant II.....	N	\$ 6 240
2. Mary L. Jackson, 0560, Clerk-Stenographer III.....	N	4 680
3. Allie H. Mayberry, 0557, Clerk-Typist III.....	N	4 590
4. Marg Dye Johnston, 0558, Secretary — Stenographic....	N	5 280
<i>Total, Student Counseling Service.....</i>		<u>\$20 790</u>

Business Office

Account Number 70-05-15

1. Leslie Taylor, 0563, Accountant II.....	N	\$ 6 870
2. Wilbert Gordon, 9356, Accountant III.....	N	9 860
3. Thomas Halstengard, 0562, Purchasing Assistant III.....	ZN90	8 780
(Total Salary).....		(9 700)
4. D. C. Huebner, 0645, Assistant to Military Property Custodian.....	N	6 360
5. Louise V. Hauser, 6194, Cashier II.....	N	4 020
6. Inez V. Dunn, 0566, Cashier III.....	ZN90	5 790
(Total Salary).....		(6 330)
7. LaRue I. Sares, 0568, Chief Clerk.....	N	5 130
8. Joaquin Pelayo, 0565, Receiving Clerk.....	N	4 860
9. Terese S. Arnoldi, 0569, Clerk-Stenographer III.....	N	4 740

10. Ruth L. Morgan, 8284, Clerk-Typist I.....	N	3 720
11. Robert E. Porter, 0561, Assistant Business Manager.....	N	13 700
12. Phyllis S. Skutnik, 0564, Secretary — Stenographic.....	N	5 460
13. George E. Campbell, 0567, Storekeeper I.....	N	4 920
14. George S. Lewis, 5264, Storekeeper I.....	N	4 440
<i>Total, Business Office.....</i>		<u>\$88 650</u>

General Stores

Account Number 75-05-15

1. Thomas Halstengard, 0562, Purchasing Assistant III.....	ZN10	\$ 920
(Total Salary).....		(9 700)
2. Nathan Barach, 0570, Storekeeper III.....	N80	4 440
<i>Total, General Stores.....</i>		<u>\$5 360</u>

Auxiliary — Bookstore

Account Number 75-15-20

1. Evelyn S. Bassett, 6814, Accountant I.....	N	\$ 6 000
2. Dorothy E. Conlon, 0579, Cashier I.....	N	4 440
3. Carol J. Kiefer, 8653, Clerk I.....	N	3 540
4. Evelyn Marcus, 7044, Bookstore Clerk I.....	N	4 230
5. Beatrice Schwartz, 6144, Bookstore Clerk I.....	N	4 620
6. Emmett E. Willis, 0573, Chief Clerk.....	N	6 300
7. ———, 0580, Clerk-Typist III.....	N	4 590
8. Harry E. Summers, 0572, Bookstore Manager.....	N	11 100
9. Arthur W. Bevil, Jr., 8558, Storekeeper I.....	N	3 900
10. General J. Burton, 0574, Storekeeper II.....	N	4 920
11. William J. Hudson, 0578, Storekeeper III.....	N	5 460
<i>Total, Auxiliary — Bookstore.....</i>		<u>\$59 100</u>

Admissions and Records

Account Number 70-05-20

1. ———, Credentials Analyst.....	N	\$ 4 500
2. C. Muriel Duchow, 0596, Clerk II.....	N	3 840
3. Gladys L. Jackson, 0597, Clerk II.....	N	4 380
4. Emily Wickert, 0598, Clerk II.....	ZN86	3 570
(Total Salary).....		(4 050)
5. Agnes M. Burke, 0588, Clerk III.....	N	4 140
6. Rachel W. Hawkins, 0590, Clerk III.....	N	4 590
7. Mary A. Grosch, 0589, Chief Clerk.....	N	5 220
8. Irene D. Lyles, 6578, Typing Clerk II.....	N	3 840
9. Adair F. Price, 0586, Typing Clerk III.....	N	4 080
10. Sandra L. Hough, 9326, Clerk-Typist I.....	N	3 720
11. Dianne B. Knutson, 8735, Clerk-Typist I.....	N	3 720
12. Wira E. Wrublewsky, 0592, Clerk-Typist I.....	N	3 720
13. Lynette M. Haynes, 8728, Clerk-Typist II.....	N	3 600
14. Linda J. Knutson, 0594, Clerk-Typist II.....	N	3 840
15. Helen R. Sterling, 0593, Clerk-Typist II.....	N	3 690
16. Florence Merritt, 0587, Clerk-Typist III.....	N	4 500
17. Ruth S. Germain, 0582, Examiner.....	N	6 480
18. Delores D. Samuels, 8335, Assistant Examiner.....	N	5 820
19. Jeannet Gage, 0584, Recorder.....	N	7 620
20. Lenore B. Shapiro, 0583, Recorder.....	N	6 450
21. Margaret Kaczmarek, 6701, Assistant Recorder.....	N	5 790
22. Barbara A. Long, 0585, Transcribing Secretary.....	N	5 100
<i>Total, Admissions and Records.....</i>		<u>\$102 210</u>

Veterans' Certification

Account Number 88-05-20

1. Emily Wickert, 0598, Clerk II.....	ZN14	\$480
<i>Total, Veterans' Certification.....</i>		<u>\$480</u>

Nonacademic Personnel**Account Number 70-05-25**

1. Hilda M. Chilorio, 7099, Personnel Assistant II.....	N	\$ 6 300
2. Mary D. Lundquist, 9142, Clerk-Stenographer II.....	N	3 900
3. Rose M. Strueck, 0601, Visiting Nurse.....	ZN40	2 400
(Total Salary).....		(6 000)
<i>Total, Nonacademic Personnel</i>		<u>\$12 600</u>

Stenographic Service**Account Number 75-10-15**

1. Bernice Blackwood, 3141, Chief Clerk.....	N	\$ 6 120
2. Frances L. Hedge, 0604, Duplicating Machine Operator II.....	N	4 440
3. Gifford D. Pleasant, 0603, Duplicating Machine Operator III.....	N	5 880
<i>Total, Stenographic Service</i>		<u>\$16 440</u>

Dean of Students**Account Number 70-05-30**

1. Beverly S. McCleary, 0607, Clerk-Stenographer II.....	N	\$ 4 440
2. Constance Priske, 0644, Clerk-Stenographer III.....	N	4 620
3. Etta B. Palaith, 0605, Secretary — Stenographic.....	N	5 250
<i>Total, Dean of Students</i>		<u>\$14 310</u>

Auxiliary — Student Hospital and Medical Services**Account Number 75-15-30**

1. Inez V. Dunn, 0566, Cashier III.....	ZN10	\$ 540
(Total Salary).....		(6 330)
2. Joan T. Miller, 6776, Clerk-Typist III.....	N	4 020
<i>Total, Auxiliary — Student Hospital and Medical Service</i> ..		<u>\$ 4 560</u>

Health Service**Account Number 70-05-35**

1. Wilbur H. Oestreich, 0609, Assistant to Director of Health Service.....	N	\$ 7 770
2. _____, 0610, Clerk-Typist III.....	N	4 000
3. Alice M. Sanderson, 7052, Health Service Nurse.....	N	5 650
<i>Total, Health Service</i>		<u>\$17 420</u>

Public Information**Account Number 70-05-45**

1. Barbara Sokolowski, 6615, Clerk-Typist III.....	N	\$ 4 350
2. _____, Assistant Manager of Public Information...	N	6 200
<i>Total, Public Information</i>		<u>\$10 550</u>

LIBERAL ARTS AND SCIENCES**Administration****Account Number 70-10-05**

1. Jane Lagen, 0615, Clerk-Typist II.....	N	\$ 4 200
2. Cynthia J. Manaugh, 9022, Clerk-Typist II.....	N	3 600
3. Ruth Betty Karpel, 0614, Secretary — Stenographic.....	N	5 820
<i>Total, Administration</i>		<u>\$13 620</u>

Biological Sciences**Account Number 70-10-10**

1. Sotirios A. Barber, 7060, Laboratory Assistant II.....	N	\$ 4 020
2. Edward M. Dryja, 0618, Laboratory Assistant III.....	N	6 000
3. Sheila J. Shankin, 0617, Clerk-Typist II.....	N	3 720
<i>Total, Biological Sciences</i>		<u>\$13 740</u>

Humanities**Account Number 70-10-15**

1. _____, Laboratory Assistant I.....	N	\$ 3 600
2. Audrey J. Bailey, 0620, Typing Clerk II.....	N	3 840

3. Ruth E. Harbak, 0619, Clerk-Stenographer III.....	N	4 860
4. Mildred M. Brown, 7412, Clerk-Typist II.....	N	4 200
<i>Total, Humanities.....</i>		<u>\$16 500</u>

Mathematics

Account Number 70-10-20		
1. Adelaide D. Riedl, 0621, Clerk-Typist III.....	N	\$ 4 920
<i>Total, Mathematics.....</i>		<u>\$ 4 920</u>

Physical Sciences

Account Number 70-10-25		
1. Monnie Ellens, 0622, Clerk-Typist III.....	N	\$ 4 620
2. John T. Rutter, 0623, Storekeeper III.....	N	5 400
3. Frederick R. Gatto, 0624, Stores Supervisor.....	N	6 810
<i>Total, Physical Sciences.....</i>		<u>\$16 830</u>

Social Sciences

Account Number 70-10-30		
1. Natalie E. Murray, 0625, Clerk-Typist II.....	N	\$ 4 680
<i>Total, Social Sciences.....</i>		<u>\$ 4 680</u>

ENGINEERING SCIENCES**Administration**

Account Number 70-15-05		
1. Aileen M. Pleasant, 0628, Typing Clerk II.....	N	\$ 3 970
2. Florence P. Tanka, 0627, Typing Clerk III.....	N	4 810
3. ———, Instrument Maker.....	N	6 000
4. Rose N. Turicchi, 0626, Secretary — Stenographic.....	N	6 130
<i>Total, Administration.....</i>		<u>\$20 910</u>

Architecture and Art

Account Number 70-15-10		
1. Vivian F. Miller, 5645, Clerk-Typist II.....	N	\$ 3 840
2. Helen Harron, 0630, Clerk-Typist III.....	N	4 920
<i>Total, Architecture and Art.....</i>		<u>\$ 8 760</u>

Engineering

Account Number 70-15-15		
1. Connie J. Isabell, Clerk-Typist II.....	N50	\$ 1 950
<i>Total, Engineering.....</i>		<u>\$ 1 950</u>

General Engineering

Account Number 70-15-20		
1. Patricia L. Hansen, 0631, Clerk-Stenographer III.....	N	\$ 4 830
<i>Total, General Engineering.....</i>		<u>\$ 4 830</u>

Physics

Account Number 70-15-25		
1. Otto V. Vitello, 0632, Laboratory Assistant III.....	N	\$ 5 880
2. ———, Typing Clerk II.....	N50	1 950
3. Jean Y. Asato, 0633, Clerk-Stenographer III.....	N	5 250
4. ———, Storekeeper II.....	N	4 500
<i>Total, Physics.....</i>		<u>\$17 580</u>

Shop Laboratories

Account Number 70-15-30		
1. Martha G. Kellom, 0637, Clerk-Stenographer II.....	N	\$ 4 230
2. Matthew Wisniewski, 0634, Senior Laboratory Mechanic...	N	6 264
3. ———, 6473, Senior Laboratory Mechanic.....	N	6 327
4. Eugene N. Feller, 0635, Senior Foundry Molder.....	N	6 264
<i>Total, Shop Laboratories.....</i>		<u>\$23 085</u>

COMMERCE AND BUSINESS ADMINISTRATION**Account Number 70-20-05**

1. Karen D. Imber, 0639, Clerk II.....	N	\$ 4 320
2. Ruth E. Kovac, 8396, Typing Clerk II.....	N	3 720
3. Lois L. Thompson, 0638, Secretary — Stenographic.....	N	5 910
<i>Total, Commerce and Business Administration.....</i>		<u>\$13 950</u>

PHYSICAL EDUCATION**Account Number 70-20-10**

1. Frank W. Winters, 0641, Men's Locker Room Attendant..	N	\$ 5 190
2. Nellie Miller, 0642, Women's Locker Room Attendant...	N	3 624
3. Helen M. Weiss, 0643, Typing Clerk II.....	N	3 600
4. Marie A. Schneider, 7055, Typing Clerk II.....	N	3 690
5. C. J. Oleszkiewicz, 0640, Assistant Department Business Manager.....	ZN88	5 970
(Total Salary).....		(6 800)
<i>Total, Physical Education.....</i>		<u>\$22 074</u>

Auxiliary — Student Athletic Activities**Account Number 75-15-10**

1. C. J. Oleszkiewicz, 0640, Assistant Department Business Manager.....	ZN12	\$ 830
<i>Total, Auxiliary — Student Athletic Activities.....</i>		<u>\$ 830</u>

ARMED FORCES**Account Number 70-20-20**

1. Flora Costea, 0646, Clerk-Typist II.....	N	\$4 140
<i>Total, Armed Forces.....</i>		<u>\$4 140</u>

LIBRARY**Account Number 70-20-30**

1. Judith A. Benjamin, 0658, Library Clerk II.....	N	\$3 630
2. Ardie M. Grady, 0653, Library Clerk II.....	N	3 900
3. Sharon B. Allen, 0650, Library Clerk III.....	N	3 900
4. Mary Lou DeMar, 0656, Library Clerk III.....	N	4 380
5. Mary L. Morris, 0660, Library Clerk III.....	N	4 170
6. Joseph M. Rainey, 0655, Library Clerk III.....	N	4 080
7. Joseph E. Williams, 5267, Library Clerk III.....	N	4 230
8. Phedorah Prescott, 0648, Chief Library Clerk.....	N	5 280
9. Joan R. Twerberg, 7338, Typing Clerk II.....	N	3 720
10. Clery D. Garelli, 6886, Clerk-Typist I.....	N	3 720
11. Bonnie E. Snow, 6659, Clerk-Typist II.....	N	3 930
12. Geraldine Glover, 0657, Clerk-Typist III.....	N	4 930
13. Emily C. Wilson, 0652, Clerk-Typist III.....	N	4 080
14. Frances M. Stiritz, 0647, Secretary — Stenographic.....	N	6 360
<i>Total, Library.....</i>		<u>\$60 310</u>

PHYSICAL PLANT**Administration****Account Number 70-25-02**

1. Lori S. Affinito, 0668, Clerk-Stenographer II.....	N	\$4 140
2. Dora H. Wrobel, 0665, Clerk-Stenographer III.....	N	5 670
3. ———, 0686, Clerk-Typist I.....	ZN88	3 570
(Total Salary).....		(4 050)
4. Robert L. Zander, 0661, Superintendent of Buildings and Grounds.....	N	13 300
<i>Total, Administration.....</i>		<u>\$26 680</u>

Building Operation**Account Number 70-25-04**

1. Joseph J. Ehrlicher, 0670, Assistant Superintendent of Oper- ations.....	N	\$9 000
<i>Total, Building Operation.....</i>		<u>\$9 000</u>

Building Maintenance

Account Number 70-25-08

1. Meyer I. Serlin, 0680, Storekeeper III.....	N	\$ 5 820
2. Ned R. Lohan, 0679, Routing Supervisor.....	N	8 200
3. Ned R. Lohan, 0678, Supervisor of Building Craftsmen.....	N	9 862
<i>Total, Building Maintenance.....</i>		<u>\$23 882</u>

Telephone Service

Account Number 75-10-25

1. Rita M. Wilson, 6939, Accounting Clerk II.....	ZN14	\$ 756
(Total Salary).....		(5 400)
2. Ned R. Lohan, 0686, Clerk-Typist I.....	ZN12	480
(Total Salary).....		(4 050)
<i>Total, Telephone Service.....</i>		<u>\$1 236</u>

Auxiliary Enterprises**Food Service**

Account Number 75-15-05

1. Rita M. Wilson, 6939, Accounting Clerk II.....	ZN79	\$4 266
(Total Salary).....		(5 400)
2. Audrey F. Mezlo, Food Production Manager.....	N	6 060
3. Margaret D. Johnson, 5813, Food Service Manager.....	ZN35	4 200
(Total Salary).....		(12 000)
4. Viola Walberg, 5531, Assistant Food Service Manager.....	ZN35	3 150
(Total Salary).....		(9 000)
5. Eloise L. Frisby, 7487, Food Service Supervisor.....	N	4 260
6. Mary T. Scheibel, 6775, Food Service Supervisor.....	N	3 900
<i>Total, Food Service.....</i>		<u>\$25 836</u>

Planning and Engineering Revolving

Account Number 75-10-10

1. Evelyn T. Richter, Secretary — Stenographic.....	N	\$5 430
<i>Total, Planning and Engineering Revolving.....</i>		<u>\$5 430</u>

Illini Union Facility

Account Number 75-15-35

1. Janet M. Smoluch, Assistant to Social Director.....	N	\$4 800
2. Rita M. Wilson, 6939, Accounting Clerk II.....	ZN7	378
(Total Salary).....		(5 400)
<i>Total, Illini Union Facility.....</i>		<u>\$5 178</u>

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